

| | |
|----------------------|-----------------------|
| Product name | Confidentiality level |
| Windows Driver | Secret |
| Product version | Total 121 pages |
| WinDriver 4.25.31.04 | |

WinDriver 4.25.31.04 Release Notes

Prepared by Maqianni 84009035
Reviewed by _____
Reviewed by _____
Granted by _____

Date 2013-06-20
Date _____
Date _____
Date _____



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Revision record

| Date | Revision version | change Description | Author |
|------------|------------------|--------------------|-----------------------|
| 2009-10-22 | 1.00 | Created | Wangyeqi 129027 |
| 2009-12-05 | 1.01 | Add | Wangyeqi 129027 |
| 2010-1-22 | 1.02 | Add | Wangyeqi 129027 |
| 2010-1-26 | 1.03 | Add | Wangyeqi 129027 |
| 2010-3-08 | 1.04 | Add | Niezhenhui 127433 |
| 2010-3-20 | 1.05 | Add | Niezhenhui 127433 |
| 2010-3-25 | 1.06 | Add | Niezhenhui 127433 |
| 2010-4-9 | 1.07 | Add | Chenminjiang 134927 |
| 2010-4-17 | 1.08 | Add | Zhengyifeng 127574 |
| 2010-4-24 | 1.09 | Add | Zhengyifeng 127574 |
| 2010-5-02 | 1.10 | Add | Fenglaili 104202 |
| 2010-5-11 | 1.11 | Add | Fenglaili 104202 |
| 2010-6-01 | 1.12 | Add | Fenglaili 104202 |
| 2010-6-07 | 1.13 | Add | Zhengyifeng 127574 |
| 2010-8-07 | 1.14 | Add | Niezhenhui 127433 |
| 2010-8-26 | 1.15 | Add | Fenglaili 104202 |
| 2010-9-01 | 1.16 | Add | Wangyeqi 129027 |
| 2010-9-03 | 1.17 | Add | Chenshiyong cKF28990 |
| 2010-10-09 | 1.18 | Add | Chenminjiang 134927 |
| 2010-11-15 | 1.19 | Add | Zhengyifeng 00127574 |
| 2010-11-22 | 1.20 | Add | Zhengyifeng 00127574 |
| 2010-12-14 | 1.21 | Add | Lijinhai LKF37144 |
| 2010-12-24 | 1.22 | Add | Fenglaili 00104202 |
| 2011-01-10 | 1.23 | Add | Fenglaili 00104202 |
| 2011-01-13 | 1.24 | Add | Fenglaili 00104202 |
| 2011-01-27 | 1.25 | Add | Liaojianping 00167401 |
| 2011-01-30 | 1.26 | Add | Liaojianping 00167401 |
| 2011-02-12 | 1.27 | Add | Liaojianping 00167401 |
| 2011-02-25 | 1.28 | Add | Jiangwenchun 00122012 |
| 2011-03-28 | 1.29 | Add | Duqingyong 00117529 |
| 2011-05-18 | 1.37 | Add | Duqingyong 00117529 |
| 2011-05-31 | 1.38 | Add | Fenglaili 00104202 |
| 2011-06-09 | 1.39 | Add | Wangyong WKF39952 |



| | | | |
|------------|------|-----|------------------------------------|
| 2011-08-18 | 1.40 | Add | Chendan CKF29547 |
| 2011-09-09 | 1.41 | Add | Chendan CKF29547 |
| 2011-10-08 | 1.42 | Add | Chendan CKF29547 |
| 2011-10-24 | 1.43 | Add | Chendan CKF29547 |
| 2011-11-17 | 1.44 | Add | Chendan CKF29547 |
| 2011-12-30 | 1.45 | Add | Chendan CKF29547 |
| 2012-03-09 | 1.46 | Add | Chendan C81004546 |
| 2012-03-22 | 1.47 | Add | Chendan C81004546 |
| 2012-04-23 | 1.48 | Add | Chendan C81004546 |
| 2012-06-08 | 1.49 | Add | Chenqi 00204787 Anyong 81005456 |
| 2012-08-17 | 1.50 | Add | Anyong 81005456 |
| 2012-09-18 | 1.51 | Add | Chenqi 00204787 |
| 2012-10-10 | 1.52 | Add | Chenqi 00204787 |
| 2012-10-27 | 1.53 | Add | Maqianni 84009035 |
| 2012-11-19 | 1.54 | Add | Maqianni 84009035 |
| 2012-12-1 | 1.55 | Add | Maqianni 84009035 |
| 2012-12-12 | 1.56 | Add | Maqianni 84009035 |
| 2013-1-11 | 1.57 | Add | Maqianni 84009035 |
| 2013-01-26 | 1.58 | Add | Maqianni 84009035 |
| 2013-03-02 | 1.59 | Add | Maqianni 84009035 |
| 2013-04-13 | 1.60 | Add | Maqianni 84009035 |
| 2013-06-20 | 1.60 | Add | Maqianni 84009035 |



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Windows Driver Release Notes

1 Driver

1.1 WinDriver 4.25.31.04

1.1.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.25.31.04 | | |
| 1 | Add a feature if there is some client visiting GPS sensor after resume from S3/S4, the GPS driver start the GPS again. | Fixed |
| 2 | Resolve an issue the SENSOR_STATE_MAX can not change to initilizing or ready state in some condition. | Fixed |
| 3 | Resolve an issue that serial driver meet conflict with some tools which open and close serial ports when the driver is loading. | Fixed |
| 4 | Resolve an issue that WWAN can not update the current dataclass after disconnect the connection and change the register mode sometimes. | Fixed |

1.1.2 News Features

1.

1.1.3 Known limitations and issues

None.

1.1.4 Driver Version

X86

| | |
|-----------------|---------------|
| ewmdm2k.inf | 2.0.6.723 |
| ewser2k.inf | 2.0.6.723 |
| ewnet.inf | 1.0.4.017 |
| ewusbwwan.inf | 6.0.1.329 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |

| | |
|------------------|------------|
| mod7700.inf | 4.0.3.2 |
| HuaweiGNSS.inf | 1.1.10.0 |
| ew_composite.inf | 5.1.2600.0 |
| ew_busfilter.inf | 1.0.7.0 |
| ew_hwusbdev.inf | 1.0.1.5 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3143 |
| ew_jucdcecm.inf | 2.6.2.3143 |
| ew_juwwanecm.inf | 2.6.2.3145 |
| ew_jucdcmdm.inf | 2.6.2.3143 |
| ew_juextctrl.inf | 2.6.2.3143 |
| ew_jubusenum.inf | 2.6.2.3143 |

X64

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.723 |
| ewser2k.inf | 2.0.6.723 |
| ewnet.inf | 1.0.4.017 |
| ewusbwwan.inf | 6.0.1.329 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| mod7700.inf | 4.0.3.2 |
| HuaweiGNSS.inf | 1.1.10.0 |
| ew_composite.inf | 5.1.2600.0 |
| ew_busfilter.inf | 1.0.7.0 |
| ew_hwusbdev.inf | 1.0.1.5 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3143 |
| ew_jucdcecm.inf | 2.6.2.3143 |
| ew_juwwanecm.inf | 2.6.2.3145 |
| ew_jucdcmdm.inf | 2.6.2.3143 |
| ew_juextctrl.inf | 2.6.2.3143 |
| ew_jubusenum.inf | 2.6.2.3143 |

2 History

2.1 WinDriver 4.25.23.04

2.1.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.25.23.04 | | |
| 1 | Resolve an issue when the GPS is in initializing state, it can not report data. | Fixed |



| | | |
|---|--|-------|
| 2 | Resolve an issue that the WWAN show "unnamed" for registered name with some SIM card. | Fixed |
| 3 | Resolve an issue that after the device got registered state with CDMA from the deregistered state, it could not connect to the network in Win7 with dual mode. | Fixed |

2.1.2 News Features

1.

2.1.3 Known limitations and issues

None.

2.1.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.720 |
| ewser2k.inf | 2.0.6.720 |
| ewnet.inf | 1.0.4.017 |
| ewusbwwan.inf | 6.0.1.326 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| mod7700.inf | 4.0.3.2 |
| HuaweiGNSS.inf | 1.1.7.0 |
| ew_composite.inf | 5.1.2600.0 |
| ew_busfilter.inf | 1.0.7.0 |
| ew_hwusbdev.inf | 1.0.1.5 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3143 |
| ew_jucdcecm.inf | 2.6.2.3143 |
| ew_juwwanecm.inf | 2.6.2.3145 |
| ew_jucdcm dm.inf | 2.6.2.3143 |
| ew_juextctrl.inf | 2.6.2.3143 |
| ew_jubusenum.inf | 2.6.2.3143 |

X64

| | |
|-----------------|---------------|
| ewmdm2k.inf | 2.0.6.720 |
| ewser2k.inf | 2.0.6.720 |
| ewnet.inf | 1.0.4.017 |
| ewusbwwan.inf | 6.0.1.326 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |



| | |
|------------------|------------|
| ewdsc.inf | 1.0.0.2 |
| mod7700.inf | 4.0.3.2 |
| HuaweiGNSS.inf | 1.1.7.0 |
| ew_composite.inf | 5.1.2600.0 |
| ew_busfilter.inf | 1.0.7.0 |
| ew_hwusbdev.inf | 1.0.1.5 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3143 |
| ew_jucdcecm.inf | 2.6.2.3143 |
| ew_juwwanecm.inf | 2.6.2.3145 |
| ew_jucdcmdm.inf | 2.6.2.3143 |
| ew_juextctrl.inf | 2.6.2.3143 |
| ew_jubusenum.inf | 2.6.2.3143 |

2.2 WinDriver 4.25.17.04

2.2.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.25.17.04 | | |
| 1 | Resolve a blue screen issue after the PC resumes from S3/S4 sometimes. | Fixed |
| 2 | Send the notification when PC goes into S3/S4 or resume from S3/S4 in default. | Fixed |
| 3 | Resolve a issue that if there is an indication with the AT result, it can not parse the content. | Fixed |
| 4 | Add a notification for system time when open the GPS port. | Fixed |
| 5 | Add some permission for some registry. | Fixed |

2.2.2 News Features

1.

2.2.3 Known limitations and issues

None.

2.2.4 Driver Version

X86

| | |
|-------------|-----------|
| ewmdm2k.inf | 2.0.6.720 |
| ewser2k.inf | 2.0.6.720 |

```

ewnet.inf                1.0.4.017
ewusbwwan.inf            6.0.1.322
hwgpssensor.inf          6.0.3.0
usbccid.inf              5.2.3790.2444
ewsmartcard.inf          1.0.0.1
ewdcsc.inf               1.0.0.2
mod7700.inf              4.0.3.2
HuaweiGNSS.inf            1.1.4.0
ew_composite.inf         5.1.2600.0
ew_busfilter.inf         1.0.7.0
ew_hwusbdev.inf          1.0.1.5
ew_hwupgrade.inf         1.0.0.2
ew_jucdcacm.inf          2.6.2.3143
ew_jucdcecm.inf          2.6.2.3143
ew_juwwanecm.inf         2.6.2.3143
ew_jucdcmdm.inf          2.6.2.3143
ew_juextctrl.inf         2.6.2.3143
ew_jubusenum.inf         2.6.2.3143

```

X64

```

ewmdm2k.inf              2.0.6.720
ewser2k.inf              2.0.6.720
ewnet.inf                1.0.4.017
ewusbwwan.inf            6.0.1.322
hwgpssensor.inf          6.0.3.0
usbccid.inf              5.2.3790.2444
ewsmartcard.inf          1.0.0.1
ewdcsc.inf               1.0.0.2
mod7700.inf              4.0.3.2
HuaweiGNSS.inf            1.1.4.0
ew_composite.inf         5.1.2600.0
ew_busfilter.inf         1.0.7.0
ew_hwusbdev.inf          1.0.1.5
ew_hwupgrade.inf         1.0.0.2
ew_jucdcacm.inf          2.6.2.3143
ew_jucdcecm.inf          2.6.2.3143
ew_juwwanecm.inf         2.6.2.3143
ew_jucdcmdm.inf          2.6.2.3143
ew_juextctrl.inf         2.6.2.3143
ew_jubusenum.inf         2.6.2.3143

```

2.3 WinDriver 4.25.16.04

2.3.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|------------------------------|--------|
| Version: WinDriver 4.25.16.04 | | |



| | | |
|---|---|-------|
| 1 | Fixed the issue that the MAP of Microsoft can not use GNSS Sensor. | Fixed |
| 2 | Fixed the issue that the data is also updated when turn off the GNSS Sensor. | Fixed |
| 3 | Add a notification for system time when initialize the GNSS Sensor. | Fixed |
| 4 | Add VID_03F0, PID_541D; VID_03F0, PID_561D, VID_03F0, PID_581D; VID_03F0, PID_591D in the driver. | Fixed |
| 5 | Add the name of interface for HP customization. | Fixed |

2.3.2 News Features

1.

2.3.3 Known limitations and issues

None.

2.3.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.320 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| mod7700.inf | 4.0.3.2 |
| HuaweiGNSS.inf | 1.1.4.0 |
| ew_composite.inf | 5.1.2600.0 |
| ew_altercfg.inf | 1.0.3.0 |
| ew_busfilter.inf | 1.0.7.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3138 |
| ew_jucdcecm.inf | 2.6.2.3138 |
| ew_juwwanecm.inf | 2.6.2.3138 |
| ew_jucdcmdm.inf | 2.6.2.3138 |
| ew_juextctrl.inf | 2.6.2.3138 |
| ew_jubusenum.inf | 2.6.2.3138 |



X64

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwan.inf | 6.0.1.320 |
| hwgpsensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| mod7700.inf | 4.0.3.2 |
| HuaweiGNSS.inf | 1.1.4.0 |
| ew_composite.inf | 5.1.2600.0 |
| ew_altercfg.inf | 1.0.3.0 |
| ew_busfilter.inf | 1.0.7.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3138 |
| ew_jucdcecm.inf | 2.6.2.3138 |
| ew_juwwanecm.inf | 2.6.2.3138 |
| ew_jucdmdm.inf | 2.6.2.3138 |
| ew_juextctrl.inf | 2.6.2.3138 |
| ew_jubusenum.inf | 2.6.2.3138 |

2.4 WinDriver 4.25.13.04

2.4.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.25.13.04 | | |
| 1 | Fix the issue that some yellow bang of GNSS port. | Fixed |
| 2 | Fix the issue that the wrong display of latitude and longitude. | Fixed |
| 3 | Fix the issue of GPS_DATA_TYPE_ERROR_RADIUS_METERS. | Fixed |
| 4 | Fix a issue of the wrong sensor state indication. | Fixed |

2.4.2 News Features

1.

2.4.3 Known limitations and issues

None.



2.4.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.320 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| mod7700.inf | 4.0.3.2 |
| HuaweiGNSS.inf | 1.1.2.0 |
| ew_composite.inf | 5.1.2600.0 |
| ew_altercfg.inf | 1.0.3.0 |
| ew_busfilter.inf | 1.0.7.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3138 |
| ew_jucdcecm.inf | 2.6.2.3138 |
| ew_juwwanecm.inf | 2.6.2.3138 |
| ew_jucdcmdm.inf | 2.6.2.3138 |
| ew_juextctrl.inf | 2.6.2.3138 |
| ew_jubusenum.inf | 2.6.2.3138 |

X64

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.320 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| mod7700.inf | 4.0.3.2 |
| HuaweiGNSS.inf | 1.1.2.0 |
| ew_composite.inf | 5.1.2600.0 |
| ew_altercfg.inf | 1.0.3.0 |
| ew_busfilter.inf | 1.0.7.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3138 |
| ew_jucdcecm.inf | 2.6.2.3138 |
| ew_juwwanecm.inf | 2.6.2.3138 |
| ew_jucdcmdm.inf | 2.6.2.3138 |
| ew_juextctrl.inf | 2.6.2.3138 |
| ew_jubusenum.inf | 2.6.2.3138 |



2.5 WinDriver 4.25.11.03

2.5.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.25.11.03 | | |
| 1 | Fix the issue that GNSS don't support power management on Win8. | Fixed |
| 2 | Add new PID and customize the port name for HP. | Fixed |
| 3 | Support AT ^ HCSQ in Q platform | Fixed |
| 4 | Support WCDMA,CDMA,LTE in Q platform | Fixed |
| 5 | Fix the issue that MU736 can not turn off the SwRadioState with WWAN test tool in Win7. | Fixed |

2.5.2 News Features

1.

2.5.3 Known limitations and issues

None.

2.5.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.319 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| mod7700.inf | 4.0.3.2 |
| HuaweiGNSS.inf | 1.1.1.0 |
| ew_composite.inf | 5.1.2600.0 |
| ew_altercfg.inf | 1.0.3.0 |
| ew_busfilter.inf | 1.0.6.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3137 |
| ew_jucdcecm.inf | 2.6.2.3137 |

```
ew_juwwanecm.inf      2.6.2.3137
ew_jucdcmdm.inf       2.6.2.3137
ew_juextctrl.inf      2.6.2.3137
ew_jubusenum.inf      2.6.2.3137
```

X64

```
ewmdm2k.inf           2.0.6.718
ewser2k.inf            2.0.6.718
ewnet.inf              1.0.4.016
ewusbwwan.inf          6.0.1.319
hwgpssensor.inf        6.0.3.0
usbccid.inf            5.2.3790.2444
ewsmartcard.inf        1.0.0.1
ewdcsc.inf             1.0.0.2
mod7700.inf            4.0.3.2
HuaweiGNSS.inf          1.1.1.0
ew_composite.inf       5.1.2600.0
ew_altercfg.inf        1.0.3.0
ew_busfilter.inf       1.0.6.0
ew_hwusbdev.inf        1.0.1.4
ew_hwupgrade.inf       1.0.0.2
ew_jucdcacm.inf        2.6.2.3137
ew_jucdcecm.inf        2.6.2.3137
ew_juwwanecm.inf      2.6.2.3137
ew_jucdcmdm.inf       2.6.2.3137
ew_juextctrl.inf      2.6.2.3137
ew_jubusenum.inf      2.6.2.3137
```

2.6 WinDriver 4.25.11.00

2.6.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.25.11.00 | | |
| 1 | Add pid and protocol according to specification | Fixed |
| 2 | Fix the issue that wwan can't connect in ROM CDMA card in win8 | Fixed |
| 3 | Fix the issue that airplane mode change of datacard in win8 | Fixed |



2.6.2 News Features

1.

2.6.3 Known limitations and issues

None.

2.6.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.318 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| mod7700.inf | 4.0.3.2 |
| ew_busfilter.inf | 1.0.5.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3129 |
| ew_jucdcecm.inf | 2.6.2.3134 |
| ew_juwwanecm.inf | 2.6.2.3136 |
| ew_jucdcmdm.inf | 2.6.2.3129 |
| ew_juextctrl.inf | 2.6.2.3129 |
| ew_jubusenum.inf | 2.6.2.3129 |

X64

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.318 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| mod7700.inf | 4.0.3.2 |
| ew_busfilter.inf | 1.0.5.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3129 |
| ew_jucdcecm.inf | 2.6.2.3134 |
| ew_juwwanecm.inf | 2.6.2.3136 |
| ew_jucdcmdm.inf | 2.6.2.3129 |
| ew_juextctrl.inf | 2.6.2.3129 |



ew_jubusenum.inf 2.6.2.3129

2.7 WinDriver 4.25.10.00

2.7.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.25.10.00 | | |
| 1 | Fix the issue that wwan driver can't be unloaded in low power mode in Q platform. | Fixed |

2.7.2 News Features

1.

2.7.3 Known limitations and issues

None.

2.7.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.317 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.5.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3129 |
| ew_jucdcecm.inf | 2.6.2.3134 |
| ew_juwwanecm.inf | 2.6.2.3134 |
| ew_jucdcmdm.inf | 2.6.2.3129 |
| ew_juextctrl.inf | 2.6.2.3129 |
| ew_jubusenum.inf | 2.6.2.3129 |

X64

| | |
|---------------|-----------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.317 |



| | |
|------------------|---------------|
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.5.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3129 |
| ew_jucdcecm.inf | 2.6.2.3134 |
| ew_juwwanecm.inf | 2.6.2.3134 |
| ew_jucdcm dm.inf | 2.6.2.3129 |
| ew_juextctrl.inf | 2.6.2.3129 |
| ew_jubusenum.inf | 2.6.2.3129 |

2.8 WinDriver 4.25.08.00

2.8.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.25.08.00 | | |
| 1 | Fix the issue that wwan can't connect when back to network again in Win8 in Q and J platform. | Fixed |
| 2 | Support ports name without "HUAWEI". | Fixed |
| 3 | Fix the issue that crash in WLK1.6 authentication with MC607 module. | Fixed |
| 4 | Add the passby of not obtain provider name and ICCID in win8. | Fixed |

2.8.2 News Features

1.

2.8.3 Known limitations and issues

None.

2.8.4 Driver Version

X86

| | |
|-----------------|-----------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.315 |
| hwgpssensor.inf | 6.0.3.0 |

```

usbccid.inf          5.2.3790.2444
ewsmartcard.inf      1.0.0.1
ewdcsc.inf           1.0.0.2
ew_busfilter.inf     1.0.5.0
ew_hwusbdev.inf      1.0.1.4
ew_hwupgrade.inf     1.0.0.2
ew_jucdcacm.inf      2.6.2.3129
ew_jucdcecm.inf      2.6.2.3134
ew_juwwanecm.inf     2.6.2.3134
ew_jucdcmdm.inf      2.6.2.3129
ew_juextctrl.inf     2.6.2.3129
ew_jubusenum.inf     2.6.2.3129

```

X64

```

ewmdm2k.inf          2.0.6.718
ewser2k.inf           2.0.6.718
ewnet.inf             1.0.4.016
ewusbwwan.inf         6.0.1.315
hwgpssensor.inf       6.0.3.0
usbccid.inf           5.2.3790.2444
ewsmartcard.inf      1.0.0.1
ewdcsc.inf           1.0.0.2
ew_busfilter.inf     1.0.5.0
ew_hwusbdev.inf      1.0.1.4
ew_hwupgrade.inf     1.0.0.2
ew_jucdcacm.inf      2.6.2.3129
ew_jucdcecm.inf      2.6.2.3134
ew_juwwanecm.inf     2.6.2.3134
ew_jucdcmdm.inf      2.6.2.3129
ew_juextctrl.inf     2.6.2.3129
ew_jubusenum.inf     2.6.2.3129

```

2.9 WinDriver 4.25.07.00

2.9.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.25.07.00 | | |
| 1 | Fix the issue that connection speed not correct in LTE mode(E3276) | Fixed |



2.9.2 News Features

1.

2.9.3 Known limitations and issues

None.

2.9.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.314 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3129 |
| ew_jucdcecm.inf | 2.6.2.3129 |
| ew_juwwanecm.inf | 2.6.2.3132 |
| ew_jucdcmdm.inf | 2.6.2.3129 |
| ew_juextctrl.inf | 2.6.2.3129 |
| ew_jubusenum.inf | 2.6.2.3129 |

X64

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.314 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3129 |
| ew_jucdcecm.inf | 2.6.2.3129 |
| ew_juwwanecm.inf | 2.6.2.3132 |
| ew_jucdcmdm.inf | 2.6.2.3129 |
| ew_juextctrl.inf | 2.6.2.3129 |
| ew_jubusenum.inf | 2.6.2.3129 |



2.10 WinDriver 4.25.06.00

2.10.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.25.06.00 | | |
| 1 | Fix the issue that connecting vpn failed in k3770 | Fixed |
| 2 | Fix the issue that remaining pin times when input error pin codes in k3806 and e369 | Fixed |
| 3 | Fix the issue that k3806 update airplane icon failure in Win8 OS | Fixed |
| 4 | Fix the issue that driver can't handle ^ltsrps indication in E3276 | Fixed |
| 5 | Fix the issue that K4605 fail to connect network in win7 | Fixed |

2.10.2 News Features

1.

2.10.3 Known limitations and issues

None.

2.10.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwan.inf | 6.0.1.314 |
| hwgpsensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3129 |
| ew_jucdcecm.inf | 2.6.2.3129 |
| ew_juwwanecm.inf | 2.6.2.3132 |
| ew_jucdcmdm.inf | 2.6.2.3129 |
| ew_juextctrl.inf | 2.6.2.3129 |
| ew_jubusenum.inf | 2.6.2.3129 |

X64

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.314 |
| hwgpcsensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3129 |
| ew_jucdcecm.inf | 2.6.2.3129 |
| ew_juwwanecm.inf | 2.6.2.3132 |
| ew_jucdcmdm.inf | 2.6.2.3129 |
| ew_juextctrl.inf | 2.6.2.3129 |
| ew_jubusenum.inf | 2.6.2.3129 |

2.11 WinDriver 4.25.04.00

2.11.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.25.04.00 | | |
| 1 | Fix the issue that busenum.sys can't be loaded with newest pid info | Fixed |
| 2 | Fix the issue that at response parsing problem in infineon platform | Fixed |
| 3 | Fix the issue that IPV6 DNS can't be acquired in E5 products | Fixed |
| 4 | Fix the issue that the auto listening is disabled in modem dialing process | Fixed |
| 5 | Fix the issue that IPV6 primary and secondary dns's order are not correct | Fixed |
| 6 | Fix the issue that LTE submode can't be displayed in Jungo Driver | Fixed |
| 7 | Add the feature that driver informs acm port status to device | Fixed |
| 8 | Fix the issue that wwan state abnormal with device that can't handle at^syscfge? correctly | Fixed |
| 9 | Add the feature that support wwan driver's OID read unicode MMS through cdma datacard | Fixed |
| 10 | Add the feature that disable wwan sms function according to | Fixed |



| | | |
|----|--|-------|
| | registry config in J and Q platform. | |
| 11 | Fix the issue that still indicating RSSI after removing sim card | Fixed |

2.11.2 News Features

1.

2.11.3 Known limitations and issues

None.

2.11.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.312 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3129 |
| ew_jucdcecm.inf | 2.6.2.3129 |
| ew_juwwanecm.inf | 2.6.2.3129 |
| ew_jucdcmdm.inf | 2.6.2.3129 |
| ew_juextctrl.inf | 2.6.2.3129 |
| ew_jubusenum.inf | 2.6.2.3129 |

X64

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.312 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |
| ewsmartcard.inf | 1.0.0.1 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jucdcacm.inf | 2.6.2.3129 |
| ew_jucdcecm.inf | 2.6.2.3129 |



| | |
|------------------|------------|
| ew_juwwanecm.inf | 2.6.2.3129 |
| ew_jucdcm dm.inf | 2.6.2.3129 |
| ew_juextctrl.inf | 2.6.2.3129 |
| ew_jubusenum.inf | 2.6.2.3129 |

2.12 WinDriver 4.25.01.00

2.12.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.25.01.00 | | |
| 1 | Fix the issue that WWAN visible provider display incorrect. | Fixed |
| 2 | Fix the issue that WWAN driver can't handle multi-inications from UE | Fixed |
| 3 | Fix the issue that set register mode failed. | Fixed |
| 4 | Fix the issue that can't support UNICODE charset in WWAN page. | Fixed |
| 5 | Support to write a REG_BINARY type registry key | Fixed |
| 6 | Add new PID info | Fixed |
| 7 | note: This version is based on version 4.25.00.00 | Fixed |
| | | |

2.12.2 News Features

1.

2.12.3 Known limitations and issues

None.

2.12.4 Driver Version

X86

| | |
|---------------|-----------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ewusbwwan.inf | 6.0.1.311 |

```

hwgpcsensor.inf      6.0.3.0
usbccid.inf          5.2.3790.2444
ewsmartcard.inf      1.0.0.1
ewdcsc.inf           1.0.0.2
ew_busfilter.inf     1.0.3.0
ew_hwusbdev.inf      1.0.1.4
ew_hwupgrade.inf     1.0.0.2
ew_jucdcacm.inf      2.6.2.3125
ew_jucdcecm.inf      2.6.2.3125
ew_juwwanecm.inf     2.6.2.3126
ew_jucdcmdm.inf      2.6.2.3125
ew_juextctrl.inf     2.6.2.3126
ew_jubusenum.inf     2.6.2.3125

```

X64

```

ewmdm2k.inf          2.0.6.718
ewser2k.inf           2.0.6.718
ewnet.inf             1.0.4.016
ewusbwwan.inf         6.0.1.311
hwgpcsensor.inf      6.0.3.0
usbccid.inf          5.2.3790.2444
ewsmartcard.inf      1.0.0.1
ewdcsc.inf           1.0.0.2
ew_busfilter.inf     1.0.3.0
ew_hwusbdev.inf      1.0.1.4
ew_hwupgrade.inf     1.0.0.2
ew_jucdcacm.inf      2.6.2.3125
ew_jucdcecm.inf      2.6.2.3125
ew_juwwanecm.inf     2.6.2.3126
ew_jucdcmdm.inf      2.6.2.3125
ew_juextctrl.inf     2.6.2.3126
ew_jubusenum.inf     2.6.2.3125

```

2.13 WinDriver 4.25.00.00

2.13.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.25.00.00 | | |
| 1 | Support IPV6 feature for NDIS driver both in Qualcomm and Jungo. | Fixed |
| 2 | note: This version is based on version 4.24.03.00 | Fixed |
| | | |



2.13.2 News Features

1.

2.13.3 Known limitations and issues

None.

2.13.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.3125 |
| ew_jucdcacm.inf | 2.6.2. 3125 |
| ew_jucdcecm.inf | 2.6.2. 3125 |
| ew_jucdcmdm.inf | 2.6.2. 3125 |
| ew_juextctrl.inf | 2.6.2. 3125 |
| ew_juwwanecm.inf | 2.6.2. 3125 |
| ewusbwwan.inf | 6.0.1.309 |
| usbccid.inf | 5.2.3790.2444 |

X64

| | |
|------------------|-------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.016 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.3125 |
| ew_jucdcacm.inf | 2.6.2. 3125 |
| ew_jucdcecm.inf | 2.6.2. 3125 |
| ew_jucdcmdm.inf | 2.6.2. 3125 |
| ew_juextctrl.inf | 2.6.2. 3125 |
| ew_juwwanecm.inf | 2.6.2. 3125 |
| ewusbwwan.inf | 6.0.1.309 |



2.13.5 usbccid.inf 5.2.3790.2444

2.14 WinDriver 4.24.03.00

2.14.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.24.03.00 | | |
| 1 | Fix the issue that failed to open web by wwan. | Fixed |
| 2 | Fix the issue that wwan driver initialize delay. | Fixed |
| 3 | Add a new feature for QUALCOMM WWAN setting static NBNS. | Fixed |
| 4 | note: This version is based on version 4.24.02.00 | Fixed |
| | | |

2.14.2 News Features

1.

2.14.3 Known limitations and issues

None.

2.14.4 Driver Version

X86

| | |
|------------------|-------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.015 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.3103 |
| ew_jucdcacm.inf | 2.6.2. 3105 |
| ew_jucdcecm.inf | 2.6.2. 3105 |
| ew_jucdcmdm.inf | 2.6.2. 3105 |
| ew_juextctrl.inf | 2.6.2. 3103 |
| ew_juwwanecm.inf | 2.6.2. 3105 |

```
ewusbwan.inf      6.0.1.308
usbccid.inf       5.2.3790.2444
```

X64

```
ewmdm2k.inf      2.0.6.718
ewser2k.inf      2.0.6.718
ewnet.inf        1.0.4.015
ew_busfilter.inf 1.0.3.0
ewdcsc.inf       1.0.0.2
hwgpcsensor.inf  6.0.3.0
ewsmartcard.inf  1.0.0.1
ew_hwusbdev.inf  1.0.1.4
ew_hwupgrade.inf 1.0.0.2
ew_jubusenum.inf 2.6.2.3103
ew_jucdcacm.inf  2.6.2. 3105
ew_jucdcecm.inf  2.6.2. 3105
ew_jucdmdm.inf   2.6.2. 3105
ew_juextctrl.inf 2.6.2. 3103
ew_juwwanecm.inf 2.6.2. 3105
ewusbwan.inf     6.0.1.308
usbccid.inf      5.2.3790.2444
```

2.15 WinDriver 4.24.02.00

2.15.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.24.02.00 | | |
| 1 | Add the support for new pid of 156A,156B,156C,156D,156E,156F. | Fixed |
| 2 | Add the new MODEM port name, with matched with protocol 0x17 for Orange on J platform. | Fixed |
| 3 | Add a new feature for setting register mode with WWAN(VDF requirement). | Fixed |
| 4 | Add the new port name without "HUAWEI" on J platform. | Fixed |
| 5 | Fix the issue that not support 5s suspend on J platform. | Fixed |
| 6 | Fix the issue that cant use SDT tool on J platform. | Fixed |
| 7 | Fix the issue that packet lost in NDIS driver on J platform. | Fixed |
| 8 | Fix the issue that EVDO mode can't show signal on WWAN. | Fixed |
| 9 | Fix the issue that in manual registration. | |



| | | |
|----|--|-------|
| 10 | Fix the issue that VMB can't display right option in "Bearer". | Fixed |
| 11 | Fix the issue that attemptsRemaining when entering pin with wwantestapp. | Fixed |
| 12 | Fix the issue that HEADER doesn't initialize when querying OID_WWAN_SIGNAL_STATE with wwantestapp. | Fixed |
| 13 | note: This version is based on version 4.24.01.00. | Fixed |
| | | |

2.15.2 News Features

1.

2.15.3 Known limitations and issues

None.

2.15.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.015 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.3103 |
| ew_jucdcacm.inf | 2.6.2. 3105 |
| ew_jucdcecm.inf | 2.6.2. 3105 |
| ew_jucdcmdm.inf | 2.6.2. 3105 |
| ew_juextctrl.inf | 2.6.2. 3103 |
| ew_juwwanecm.inf | 2.6.2. 3105 |
| ewusbwwan.inf | 6.0.1.307 |
| usbccid.inf | 5.2.3790.2444 |

X64

| | |
|------------------|-----------|
| ewmdm2k.inf | 2.0.6.718 |
| ewser2k.inf | 2.0.6.718 |
| ewnet.inf | 1.0.4.015 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| hwgpssensor.inf | 6.0.3.0 |

```
ewsmartcard.inf    1.0.0.1
ew_hwusbdev.inf    1.0.1.4
ew_hwupgrade.inf   1.0.0.2
ew_jubusenum.inf   2.6.2.3103
ew_jucdcacm.inf    2.6.2. 3105
ew_jucdcecm.inf    2.6.2. 3105
ew_jucdcm dm.inf   2.6.2. 3105
ew_juextctrl.inf   2.6.2. 3103
ew_juwwanecm.inf   2.6.2. 3105
ewusbwwan.inf      6.0.1.307
usbccid.inf        5.2.3790.2444
```

2.16 WinDriver 4.24.01.00

2.16.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.24.01.00 | | |
| 1 | Fix the issue that failed to connect to network in dual mode. | Fixed |
| 2 | Fix two jungo wwan issues. | Fixed |
| 3 | Fix the issue that crash in intialize. | Fixed |
| 4 | Support more download speed display. | Fixed |
| 5 | note: This version is based on version 4.24.00.00. | Fixed |
| | | |

2.16.2 News Features

1.

2.16.3 Known limitations and issues

None.

2.16.4 Driver Version

X86

```
ewmdm2k.inf    2.0.6.718
ewser2k.inf    2.0.6.718
ewnet.inf      1.0.4.015
ew_busfilter.inf 1.0.3.0
ewdcsc.inf     1.0.0.2
```

```

hwgpssensor.inf    6.0.3.0
ewsmartcard.inf    1.0.0.1
ew_hwusbdev.inf     1.0.1.4
ew_hwupgrade.inf    1.0.0.2
ew_jubusenum.inf    2.6.2.3103
ew_jucdcacm.inf     2.6.2. 3103
ew_jucdcecm.inf     2.6.2. 3103
ew_jucdcmcmdm.inf   2.6.2. 3103
ew_juextctrl.inf    2.6.2. 3103
ew_juwwanecm.inf    2.6.2. 3104
ewusbwwan.inf       6.0.1.303
usbccid.inf         5.2.3790.2444

```

X64

```

ewmdm2k.inf        2.0.6.718
ewser2k.inf         2.0.6.718
ewnet.inf           1.0.4.015
ew_busfilter.inf    1.0.3.0
ewdcsc.inf          1.0.0.2
hwgpssensor.inf     6.0.3.0
ewsmartcard.inf     1.0.0.1
ew_hwusbdev.inf     1.0.1.4
ew_hwupgrade.inf    1.0.0.2
ew_jubusenum.inf    2.6.2.3103
ew_jucdcacm.inf     2.6.2. 3103
ew_jucdcecm.inf     2.6.2. 3103
ew_jucdcmcmdm.inf   2.6.2. 3103
ew_juextctrl.inf    2.6.2. 3103
ew_juwwanecm.inf    2.6.2. 3104
ewusbwwan.inf       6.0.1.303
usbccid.inf         5.2.3790.2444

```

2.17 WinDriver 4.24.00.00

2.17.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.24.00.00 | | |
| 1 | Fix the issue that failed to get IP address after restart dashboard or PC. | Fixed |
| 2 | Add Jungo baseline. | Add |
| 3 | Support dual mode feature. | Fixed |
| 4 | Add parameter "-f2" to create and delete log file. | Add |
| 5 | Add power state command from S0 to S0 when system startup or | Add |



| | | |
|---|---|-------|
| | reboot. | |
| 6 | note: This version is based on version 4.23.05.00 | Fixed |

2.17.2 News Features

1.

2.17.3 Known limitations and issues

None.

2.17.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.715 |
| ewser2k.inf | 2.0.6.715 |
| ewnet.inf | 1.0.4.015 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.3103 |
| ew_jucdcacm.inf | 2.6.2. 3103 |
| ew_jucdcecm.inf | 2.6.2. 3103 |
| ew_jucdcmdm.inf | 2.6.2. 3103 |
| ew_juextctrl.inf | 2.6.2. 3103 |
| ew_juwwanecm.inf | 2.6.2. 3103 |
| ewusbwwan.inf | 6.0.1.300 |
| usbccid.inf | 5.2.3790.2444 |

X64

| | |
|------------------|-------------|
| ewmdm2k.inf | 2.0.6.715 |
| ewser2k.inf | 2.0.6.715 |
| ewnet.inf | 1.0.4.015 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.3103 |
| ew_jucdcacm.inf | 2.6.2. 3103 |
| ew_jucdcecm.inf | 2.6.2. 3103 |
| ew_jucdcmdm.inf | 2.6.2. 3103 |



ew_juextctrl.inf 2.6.2. 3103
ew_juwwanecm.inf 2.6.2. 3103
ewusbwwan.inf 6.0.1.300
usbccid.inf 5.2.3790.2444

2.18 WinDriver 4.23.05.00

2.18.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.23.05.00 | | |
| 1 | Add a request to set the MTU size for NDIS driver. | |
| | | |
| | | |
| | | |

2.18.2 News Features

1.

2.18.3 Known limitations and issues

None.

2.18.4 Driver Version

X86

ewmdm2k.inf 2.0.6.714
ewser2k.inf 2.0.6.714
ewnet.inf 1.0.4.013
ew_busfilter.inf 1.0.3.0
ewdcsc.inf 1.0.0.2
hwgpssensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1
ew_hwusbdev.inf 1.0.1.4
ew_hwupgrade.inf 1.0.0.2
ew_jubusenum.inf 2.6.2.1618
ew_jucdcacm.inf 2.6.2. 1618
ew_jucdcecm.inf 2.6.2. 1618
ew_jucdcmdm.inf 2.6.2. 1618
ew_juextctrl.inf 2.6.2. 1618
ew_juwwanecm.inf 2.6.2. 1618



ewusbwwan.inf 6.0.1.296
usbccid.inf 5.2.3790.2444

X64

ewmdm2k.inf 2.0.6.714
ewser2k.inf 2.0.6.714
ewnet.inf 1.0.4.013
ew_busfilter.inf 1.0.3.0
ewdcsc.inf 1.0.0.2
hwgpssensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1
ew_hwusbdev.inf 1.0.1.4
ew_hwupgrade.inf 1.0.0.2
ew_jubusenum.inf 2.6.2.1618
ew_jucdcacm.inf 2.6.2. 1618
ew_jucdcecm.inf 2.6.2. 1618
ew_jucdcmdm.inf 2.6.2. 1618
ew_juextctrl.inf 2.6.2. 1618
ew_juwwanecm.inf 2.6.2. 1618
ewusbwwan.inf 6.0.1.296
usbccid.inf 5.2.3790.2444

2.19 WinDriver 4.23.03.00

2.19.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.23.03.00 | | |
| 1 | Fix the inf files and PNF files can not remove when the driver uninstalled. | Fixed |
| | | |

2.19.2 News Features

1.

2.19.3 Known limitations and issues

None.

2.19.4 Driver Version

X86

ewmdm2k.inf 2.0.6.714

```
ewser2k.inf      2.0.6.714
ewnet.inf        1.0.4.012
ew_busfilter.inf 1.0.3.0
ewdcsc.inf       1.0.0.2
hwgppsensor.inf  6.0.3.0
ewsmartcard.inf  1.0.0.1
ew_hwusbdev.inf  1.0.1.4
ew_hwupgrade.inf 1.0.0.2
ew_jubusenum.inf 2.6.2.1618
ew_jucdcacm.inf  2.6.2. 1618
ew_jucdcecm.inf  2.6.2. 1618
ew_jucdcmdm.inf  2.6.2. 1618
ew_juextctrl.inf 2.6.2. 1618
ew_juwwanecm.inf 2.6.2. 1618
ewusbwwan.inf    6.0.1.293
usbccid.inf       5.2.3790.2444
```

X64

```
ewmdm2k.inf      2.0.6.714
ewser2k.inf      2.0.6.714
ewnet.inf        1.0.4.012
ew_busfilter.inf 1.0.3.0
ewdcsc.inf       1.0.0.2
hwgppsensor.inf  6.0.3.0
ewsmartcard.inf  1.0.0.1
ew_hwusbdev.inf  1.0.1.4
ew_hwupgrade.inf 1.0.0.2
ew_jubusenum.inf 2.6.2.1618
ew_jucdcacm.inf  2.6.2. 1618
ew_jucdcecm.inf  2.6.2. 1618
ew_jucdcmdm.inf  2.6.2. 1618
ew_juextctrl.inf 2.6.2. 1618
ew_juwwanecm.inf 2.6.2. 1618
ewusbwwan.inf    6.0.1.293
usbccid.inf       5.2.3790.2444
```

2.20 WinDriver 4.23.02.00

2.20.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.23.02.00 | | |
| 1 | Fix the issue that failed to get IP address while connecting after resume from standby on some special computers. | Fixed |
| 2 | Fix the issue that failed to get correct NDIS connection state after resume from standby on some special computers. | Fixed |



| | | |
|---|---|-------|
| 3 | Fix the issue that failed to ping with automatic test tool Airflux after connected with NDIS. | Fixed |
| | | |

2.20.2 News Features

1.

2.20.3 Known limitations and issues

None.

2.20.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.714 |
| ewser2k.inf | 2.0.6.714 |
| ewnet.inf | 1.0.4.012 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| hwgpcsensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.1618 |
| ew_jucdcacm.inf | 2.6.2.1618 |
| ew_jucdcecm.inf | 2.6.2.1618 |
| ew_jucdcmdm.inf | 2.6.2.1618 |
| ew_juextctrl.inf | 2.6.2.1618 |
| ew_juwwanecm.inf | 2.6.2.1618 |
| ewusbwwan.inf | 6.0.1.293 |
| usbccid.inf | 5.2.3790.2444 |

X64

| | |
|------------------|------------|
| ewmdm2k.inf | 2.0.6.714 |
| ewser2k.inf | 2.0.6.714 |
| ewnet.inf | 1.0.4.012 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| hwgpcsensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.1618 |
| ew_jucdcacm.inf | 2.6.2.1618 |
| ew_jucdcecm.inf | 2.6.2.1618 |



| | |
|------------------|---------------|
| ew_jucdcmdm.inf | 2.6.2. 1618 |
| ew_juextctrl.inf | 2.6.2. 1618 |
| ew_juwwanecm.inf | 2.6.2. 1618 |
| ewusbwwan.inf | 6.0.1.293 |
| usbccid.inf | 5.2.3790.2444 |

2.21 WinDriver 4.23.01.00

2.21.1 News Features

1.

2.21.2 Known limitations and issues

None.

2.21.3 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.714 |
| ewser2k.inf | 2.0.6.714 |
| ewnet.inf | 1.0.4.012 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.1615 |
| ew_jucdcacm.inf | 2.6.2. 1615 |
| ew_jucdcecm.inf | 2.6.2. 1615 |
| ew_jucdcmdm.inf | 2.6.2. 1615 |
| ew_juextctrl.inf | 2.6.2. 1615 |
| ew_juwwanecm.inf | 2.6.2. 1615 |
| ewusbwwan.inf | 6.0.1.293 |
| usbccid.inf | 5.2.3790.2444 |

X64

| | |
|------------------|------------|
| ewmdm2k.inf | 2.0.6.714 |
| ewser2k.inf | 2.0.6.714 |
| ewnet.inf | 1.0.4.012 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.1615 |



ew_jucdcacm.inf 2.6.2. 1615
ew_jucdcecm.inf 2.6.2. 1615
ew_jucdcmdm.inf 2.6.2. 1615
ew_juextctrl.inf 2.6.2. 1615
ew_juwwanecm.inf 2.6.2. 1615
ewusbwwan.inf 6.0.1.293
usbccid.inf 5.2.3790.2444

2.22 WinDriver 4.23.00.00

2.22.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.23.00.00 | | |
| 1 | Add a key in registry to disable LLMNR. | Fixed |
| 2 | Disable remote-wakeup while S3 S4 S5 | Fixed |
| | | |

2.22.2 News Features

1.

2.22.3 Known limitations and issues

None.

2.22.4 Driver Version

X86

ewmdm2k.inf 2.0.6.712
ewser2k.inf 2.0.6.712
ewnet.inf 1.0.4.010
ew_busfilter.inf 1.0.3.0
ewdcsc.inf 1.0.0.2
hwgpssensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1
ew_hwusbdev.inf 1.0.1.4
ew_hwupgrade.inf 1.0.0.2
ew_jubusenum.inf 2.6.2.1609
ew_jucdcacm.inf 2.6.2. 1609
ew_jucdcecm.inf 2.6.2. 1609
ew_jucdcmdm.inf 2.6.2. 1609
ew_juextctrl.inf 2.6.2. 1609

```
ew_juwwanecm.inf 2.6.2. 1609
ewusbwwan.inf 6.0.1.289
usbccid.inf 5.2.3790.2444
```

X64

```
ewmdm2k.inf 2.0.6.712
ewser2k.inf 2.0.6.712
ewnet.inf 1.0.4.010
ew_busfilter.inf 1.0.3.0
ewdcsc.inf 1.0.0.2
hwgpssensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1
ew_hwusbdev.inf 1.0.1.4
ew_hwupgrade.inf 1.0.0.2
ew_jubusenum.inf 2.6.2.1609
ew_jucdcacm.inf 2.6.2. 1609
ew_jucdcecm.inf 2.6.2. 1609
ew_jucdcmdm.inf 2.6.2. 1609
ew_juextctrl.inf 2.6.2. 1609
ew_juwwanecm.inf 2.6.2. 1609
ewusbwwan.inf 6.0.1.289
usbccid.inf 5.2.3790.2444
```

2.23 WinDriver 4.22.19.00

2.23.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.22.19.00 | | |
| 1 | Add a new feature for setting the automatic register mode with WWAN without using REGEDIT. | Fixed |
| 2 | Add an indication indicating the SIM is ready from locked status. | Fixed |
| | | |

2.23.2 News Features

1.

2.23.3 Known limitations and issues

None.



2.23.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.710 |
| ewser2k.inf | 2.0.6.710 |
| ewnet.inf | 1.0.4.008 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.1605 |
| ew_jucdcacm.inf | 2.6.2. 1605 |
| ew_jucdcecm.inf | 2.6.2. 1605 |
| ew_jucdcmdm.inf | 2.6.2. 1605 |
| ew_juextctrl.inf | 2.6.2. 1605 |
| ew_juwwanecm.inf | 2.6.2. 1605 |
| ewusbwwan.inf | 6.0.1.288 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |

X64

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.710 |
| ewser2k.inf | 2.0.6.710 |
| ewnet.inf | 1.0.4.008 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2. 1605 |
| ew_jucdcacm.inf | 2.6.2. 1605 |
| ew_jucdcecm.inf | 2.6.2. 1605 |
| ew_jucdcmdm.inf | 2.6.2. 1605 |
| ew_juextctrl.inf | 2.6.2. 1605 |
| ew_juwwanecm.inf | 2.6.2. 1605 |
| ewusbwwan.inf | 6.0.1.288 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |



2.24 WinDriver 4.22.17.00

2.24.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.22.17.00 | | |
| 1 | Fixed an issue that the status of register is not changed when the device roams from one provider to another with WWAN. | Fixed |
| 2 | Add a new feature for setting the automatic register mode with WWAN. | Fixed |
| | | |

2.24.2 News Features

1.

2.24.3 Known limitations and issues

None.

2.24.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.706 |
| ewser2k.inf | 2.0.6.706 |
| ewnet.inf | 1.0.4.008 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.1605 |
| ew_jucdcacm.inf | 2.6.2. 1606 |
| ew_jucdcecm.inf | 2.6.2. 1605 |
| ew_jucdcmdm.inf | 2.6.2. 1606 |
| ew_juextctrl.inf | 2.6.2. 1605 |
| ew_juwwanecm.inf | 2.6.2. 1605 |
| ewusbwwan.inf | 6.0.1.287 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |



X64

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.706 |
| ewser2k.inf | 2.0.6.706 |
| ewnet.inf | 1.0.4.008 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2. 1605 |
| ew_jucdcacm.inf | 2.6.2. 1606 |
| ew_jucdcecm.inf | 2.6.2. 1605 |
| ew_jucdcmdm.inf | 2.6.2. 1606 |
| ew_juextctrl.inf | 2.6.2. 1605 |
| ew_juwwanecm.inf | 2.6.2. 1605 |
| ewusbwwan.inf | 6.0.1.287 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |

2.25 WinDriver 4.22.16.00

2.25.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|------------------------------|--------|
| Version: WinDriver 4.22.16.00 | | |
| 1 | Fixed the IRP reuse problem. | Fixed |
| | | |
| | | |

2.25.2 News Features

1.

2.25.3 Known limitations and issues

None.

2.25.4 Driver Version

X86

| | |
|-------------|-----------|
| ewmdm2k.inf | 2.0.6.710 |
| ewser2k.inf | 2.0.6.710 |

```

ewnet.inf          1.0.4.008
ew_busfilter.inf   1.0.3.0
ewdcsc.inf         1.0.0.2
hwgpssensor.inf    6.0.3.0
ewsmartcard.inf    1.0.0.1
ew_hwusbdev.inf    1.0.1.4
ew_hwupgrade.inf   1.0.0.2
ew_jubusenum.inf   2.6.2.1605
ew_jucdcacm.inf    2.6.2. 1605
ew_jucdcecm.inf    2.6.2. 1605
ew_jucdcmdm.inf    2.6.2. 1605
ew_juextctrl.inf   2.6.2. 1605
ew_juwwanecm.inf   2.6.2. 1605
ewusbwwan.inf      6.0.1.279
hwgpssensor.inf    6.0.3.0
usbccid.inf        5.2.3790.2444

```

X64

```

ewmdm2k.inf        2.0.6.710
ewser2k.inf        2.0.6.710
ewnet.inf          1.0.4.008
ew_busfilter.inf   1.0.3.0
ewdcsc.inf         1.0.0.2
hwgpssensor.inf    6.0.3.0
ewsmartcard.inf    1.0.0.1
ew_hwusbdev.inf    1.0.1.4
ew_hwupgrade.inf   1.0.0.2
ew_jubusenum.inf   2.6.2. 1605
ew_jucdcacm.inf    2.6.2. 1605
ew_jucdcecm.inf    2.6.2. 1605
ew_jucdcmdm.inf    2.6.2. 1605
ew_juextctrl.inf   2.6.2. 1605
ew_juwwanecm.inf   2.6.2. 1605
ewusbwwan.inf      6.0.1.279
hwgpssensor.inf    6.0.3.0
usbccid.inf        5.2.3790.2444

```

2.26 WinDriver 4.22.10.00

2.26.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.22.10.00 | | |
| 1 | Add the new MODEM port name which is applied to protocol 0x17 for Orange. | Fixed |
| 2 | Add new Vodafone PIDs from WinDriver 4.21.10.11 | Fixed |



| | | |
|--|--|--|
| | | |
|--|--|--|

2.26.2 News Features

1.

2.26.3 Known limitations and issues

None.

2.26.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.706 |
| ewser2k.inf | 2.0.6.706 |
| ewnet.inf | 1.0.4.008 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.1605 |
| ew_jucdcacm.inf | 2.6.2.1606 |
| ew_jucdcecm.inf | 2.6.2.1605 |
| ew_jucdcmdm.inf | 2.6.2.1606 |
| ew_juextctrl.inf | 2.6.2.1605 |
| ew_juwwanecm.inf | 2.6.2.1605 |
| ewusbwwan.inf | 6.0.1.279 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |

X64

| | |
|------------------|------------|
| ewmdm2k.inf | 2.0.6.706 |
| ewser2k.inf | 2.0.6.706 |
| ewnet.inf | 1.0.4.008 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.1605 |
| ew_jucdcacm.inf | 2.6.2.1606 |
| ew_jucdcecm.inf | 2.6.2.1605 |



ew_jucdcmdm.inf 2.6.2.1606
ew_juextctrl.inf 2.6.2.1605
ew_juwwanecm.inf 2.6.2.1605
ewusbwwan.inf 6.0.1.279
hwgpssensor.inf 6.0.3.0
usbccid.inf 5.2.3790.2444

2.27 WinDriver 4.22.09.00

2.27.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.22.09.00 | | |
| 1 | Fixed an issue of VP call can't hung up on E173s with mobile patener. | Fixed |
| | | |
| | | |

2.27.2 News Features

1.

2.27.3 Known limitations and issues

None.

2.27.4 Driver Version

X86

ewmdm2k.inf 2.0.6.706
ewser2k.inf 2.0.6.706
ewnet.inf 1.0.4.008
ew_busfilter.inf 1.0.3.0
ewdcsc.inf 1.0.0.2
ew_busfilter.inf 1.0.3.0
hwgpssensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1
ew_hwusbdev.inf 1.0.1.4
ew_hwupgrade.inf 1.0.0.2
ew_jubusenum.inf 2.6.2.1605

```
ew_jucdcacm.inf      2.6.2. 1606
ew_jucdcecm.inf      2.6.2. 1605
ew_jucdcmdm.inf      2.6.2. 1606
ew_juextctrl.inf     2.6.2. 1605
ew_juwwanecm.inf     2.6.2. 1605
ewusbwwan.inf        6.0.1.279
hwgpssensor.inf      6.0.3.0
usbccid.inf          5.2.3790.2444
```

X64

```
ewmdm2k.inf          2.0.6.706
ewser2k.inf           2.0.6.706
ewnet.inf             1.0.4.008
ew_busfilter.inf      1.0.3.0
ewdcsc.inf            1.0.0.2
ew_busfilter.inf      1.0.3.0
hwgpssensor.inf      6.0.3.0
ewsmartcard.inf       1.0.0.1
ew_hwusbdev.inf       1.0.1.4
ew_hwupgrade.inf      1.0.0.2
ew_jubusenum.inf      2.6.2. 1605
ew_jucdcacm.inf      2.6.2. 1606
ew_jucdcecm.inf      2.6.2. 1605
ew_jucdcmdm.inf      2.6.2. 1606
ew_juextctrl.inf     2.6.2. 1605
ew_juwwanecm.inf     2.6.2. 1605
ewusbwwan.inf        6.0.1.279
hwgpssensor.inf      6.0.3.0
usbccid.inf          5.2.3790.2444
```

2.28 WinDriver 4.22.06.00

2.28.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.22.06.00 | | |
| 1 | Fixed an issue of prompting installing driver when uninstalling | Fixed |
| | | |
| | | |



2.28.2 News Features

1.

2.28.3 Known limitations and issues

None.

2.28.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.706 |
| ewser2k.inf | 2.0.6.706 |
| ewnet.inf | 1.0.4.008 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.1605 |
| ew_jucdcacm.inf | 2.6.2. 1605 |
| ew_jucdcecm.inf | 2.6.2. 1605 |
| ew_jucdcmdm.inf | 2.6.2. 1605 |
| ew_juextctrl.inf | 2.6.2. 1605 |
| ew_juwwanecm.inf | 2.6.2. 1605 |
| ewusbwwan.inf | 6.0.1.279 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |

X64

| | |
|------------------|-------------|
| ewmdm2k.inf | 2.0.6.706 |
| ewser2k.inf | 2.0.6.706 |
| ewnet.inf | 1.0.4.008 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2. 1605 |
| ew_jucdcacm.inf | 2.6.2. 1605 |
| ew_jucdcecm.inf | 2.6.2. 1605 |
| ew_jucdcmdm.inf | 2.6.2. 1605 |
| ew_juextctrl.inf | 2.6.2. 1605 |
| ew_juwwanecm.inf | 2.6.2. 1605 |



ewusbwwan.inf 6.0.1.279
hwgpssensor.inf 6.0.3.0
usbccid.inf 5.2.3790.2444

2.29 WinDriver 4.22.05.00

2.29.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.22.05.00 | | |
| 1 | Fixed an issue when PC has limited memory | Fixed |
| | | |
| | | |

2.29.2 News Features

1.

2.29.3 Known limitations and issues

None.

2.29.4 Driver Version

X86

ewmdm2k.inf 2.0.6.706
ewser2k.inf 2.0.6.706
ewnet.inf 1.0.4.008
ew_busfilter.inf 1.0.3.0
ewdcsc.inf 1.0.0.2
ew_busfilter.inf 1.0.3.0
hwgpssensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1
ew_hwusbdev.inf 1.0.1.4
ew_hwupgrade.inf 1.0.0.2
ew_jubusenum.inf 2.6.2.1605
ew_jucdcacm.inf 2.6.2. 1605
ew_jucdcecm.inf 2.6.2. 1605
ew_jucdcm dm.inf 2.6.2. 1605
ew_juextctrl.inf 2.6.2. 1605
ew_juwwanecm.inf 2.6.2. 1605
ewusbwwan.inf 6.0.1.279
hwgpssensor.inf 6.0.3.0



usbccid.inf 5.2.3790.2444

X64

ewmdm2k.inf 2.0.6.706
ewser2k.inf 2.0.6.706
ewnet.inf 1.0.4.008
ew_busfilter.inf 1.0.3.0
ewdcsc.inf 1.0.0.2
ew_busfilter.inf 1.0.3.0
hwgpssensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1
ew_hwusbdev.inf 1.0.1.4
ew_hwupgrade.inf 1.0.0.2
ew_jubusenum.inf 2.6.2. 1605
ew_jucdcacm.inf 2.6.2. 1605
ew_jucdcecm.inf 2.6.2. 1605
ew_jucdcm dm.inf 2.6.2. 1605
ew_juextctrl.inf 2.6.2. 1605
ew_juwwanecm.inf 2.6.2. 1605
ewusbwwan.inf 6.0.1.279
hwgpssensor.inf 6.0.3.0
usbccid.inf 5.2.3790.2444

2.30 WinDriver 4.22.04.00

2.30.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.22.04.00 | | |
| 1 | Fixed an issue that prompt reboot when PC had install a beta wdf1.07 | Fixed |
| | | |
| | | |

2.30.2 News Features

1.

2.30.3 Known limitations and issues

None.



2.30.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.706 |
| ewser2k.inf | 2.0.6.706 |
| ewnet.inf | 1.0.4.008 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.1604 |
| ew_jucdcacm.inf | 2.6.2.1604 |
| ew_jucdcecm.inf | 2.6.2.1604 |
| ew_jucdcmdm.inf | 2.6.2.1604 |
| ew_juextctrl.inf | 2.6.2.1604 |
| ew_juwwanecm.inf | 2.6.2.1604 |
| ewusbwwan.inf | 6.0.1.279 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |

X64

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.706 |
| ewser2k.inf | 2.0.6.706 |
| ewnet.inf | 1.0.4.008 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.1604 |
| ew_jucdcacm.inf | 2.6.2.1604 |
| ew_jucdcecm.inf | 2.6.2.1604 |
| ew_jucdcmdm.inf | 2.6.2.1604 |
| ew_juextctrl.inf | 2.6.2.1604 |
| ew_juwwanecm.inf | 2.6.2.1604 |
| ewusbwwan.inf | 6.0.1.279 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |

2.31 WinDriver 4.22.02.00

2.31.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.22.02.00 | | |
| 1 | Fixed an issue that after the computer resumes from sleep, the NDIS connection shows "connection terminated". | Fixed |
| | | |
| | | |

2.31.2 News Features

1.

2.31.3 Known limitations and issues

None.

2.31.4 Driver Version

X86

| | |
|------------------|-------------|
| ewmdm2k.inf | 2.0.6.706 |
| ewser2k.inf | 2.0.6.706 |
| ewnet.inf | 1.0.4.008 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.1604 |
| ew_jucdcacm.inf | 2.6.2. 1604 |
| ew_jucdcecm.inf | 2.6.2. 1604 |
| ew_jucdcmdm.inf | 2.6.2. 1604 |
| ew_juextctrl.inf | 2.6.2. 1604 |
| ew_juwwanecm.inf | 2.6.2. 1604 |
| ewusbwwan.inf | 6.0.1.279 |
| hwgpssensor.inf | 6.0.3.0 |



usbccid.inf 5.2.3790.2444

X64

ewmdm2k.inf 2.0.6.706
ewser2k.inf 2.0.6.706
ewnet.inf 1.0.4.008
ew_busfilter.inf 1.0.3.0
ewdcsc.inf 1.0.0.2
ew_busfilter.inf 1.0.3.0
hwgpssensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1
ew_hwusbdev.inf 1.0.1.4
ew_hwupgrade.inf 1.0.0.2
ew_jubusenum.inf 2.6.2. 1604
ew_jucdcacm.inf 2.6.2. 1604
ew_jucdcecm.inf 2.6.2. 1604
ew_jucdcm dm.inf 2.6.2. 1604
ew_juextctrl.inf 2.6.2. 1604
ew_juwwanecm.inf 2.6.2. 1604
ewusbwwan.inf 6.0.1.279
hwgpssensor.inf 6.0.3.0
usbccid.inf 5.2.3790.2444

2.32 WinDriver 4.22.01.00

2.32.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.22.01.00 | | |
| 1 | Fixed an issue for WWAN logo test. | Fixed |
| 2 | Fixed an issue that the low version can be installed when the higher version had been installed. | Fixed |
| | | |

2.32.2 News Features

1.

2.32.3 Known limitations and issues

None.



2.32.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.706 |
| ewser2k.inf | 2.0.6.706 |
| ewnet.inf | 1.0.4.008 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2.1603 |
| ew_jucdcacm.inf | 2.6.2. 1603 |
| ew_jucdcecm.inf | 2.6.2. 1603 |
| ew_jucdcmdm.inf | 2.6.2. 1603 |
| ew_juextctrl.inf | 2.6.2. 1603 |
| ew_juwwanecm.inf | 2.6.2. 1603 |
| ewusbwwan.inf | 6.0.1.279 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |

X64

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.706 |
| ewser2k.inf | 2.0.6.706 |
| ewnet.inf | 1.0.4.008 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |
| ew_jubusenum.inf | 2.6.2. 1603 |
| ew_jucdcacm.inf | 2.6.2. 1603 |
| ew_jucdcecm.inf | 2.6.2. 1603 |
| ew_jucdcmdm.inf | 2.6.2. 1603 |
| ew_juextctrl.inf | 2.6.2. 1603 |
| ew_juwwanecm.inf | 2.6.2. 1603 |
| ewusbwwan.inf | 6.0.1.279 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |



2.33 WinDriver 4.22.00.00

2.33.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.22.00.00 | | |
| 1 | NCM and ECM use the same file of driver | Fixed |
| 2 | Optimize the power management of driver. | Fixed |
| 3 | Add a method that the driver sends the local time of PC to the device. | Fixed |
| 4 | Add XML file for installation. | Fixed |
| 5 | Fix an issue that the driver can not recognize some descriptor of USB device. | Fixed |
| 6 | Fix an issue that the memory leaks when NDIS initializes. | Fixed |
| 7 | Fix a BSOD issue for sleep test. | Fixed |
| 8 | Fix an issue that the NDIS can not download the data from server for some device. | Fixed |

2.33.2 News Features

1.

2.33.3 Known limitations and issues

None.

2.33.4 Driver Version

X86

| | |
|------------------|-----------|
| ewmdm2k.inf | 2.0.6.706 |
| ewser2k.inf | 2.0.6.706 |
| ewnet.inf | 1.0.4.008 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.2 |

```
ew_jubusenum.inf      2.6.2.1603
ew_jucdcacm.inf       2.6.2. 1603
ew_jucdcecm.inf       2.6.2. 1603
ew_jucdcmdm.inf       2.6.2. 1603
ew_juextctrl.inf      2.6.2. 1603
ew_juwwanecm.inf      2.6.2. 1603
ewusbwwan.inf         6.0.1.279
hwgpssensor.inf       6.0.3.0
usbccid.inf           5.2.3790.2444
```

X64

```
ewmdm2k.inf          2.0.6.706
ewser2k.inf          2.0.6.706
ewnet.inf            1.0.4.008
ew_busfilter.inf     1.0.3.0
ewdcsc.inf           1.0.0.2
ew_busfilter.inf     1.0.3.0
hwgpssensor.inf      6.0.3.0
ewsmartcard.inf      1.0.0.1
ew_hwusbdev.inf      1.0.1.4
ew_hwupgrade.inf     1.0.0.2
ew_jubusenum.inf     2.6.2. 1603
ew_jucdcacm.inf      2.6.2. 1603
ew_jucdcecm.inf      2.6.2. 1603
ew_jucdcmdm.inf      2.6.2. 1603
ew_juextctrl.inf     2.6.2. 1603
ew_juwwanecm.inf     2.6.2. 1603
ewusbwwan.inf        6.0.1.279
hwgpssensor.inf      6.0.3.0
usbccid.inf          5.2.3790.2444
```

2.34 WinDriver 4.21.06.00

2.34.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--------------------------------|--------|
| Version: WinDriver 4.21.06.00 | | |
| 1 | Fixed the high CPU usage issue | Fixed |
| | | |



2.34.2 News Features

1.

2.34.3 Known limitations and issues

None.

2.34.4 Driver Version

X86

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.705 |
| ewser2k.inf | 2.0.6.705 |
| ewnet.inf | 1.0.4.006 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.1 |
| ew_jubusenum.inf | 2.6.2.1212 |
| ew_jucdcacm.inf | 2.6.2. 1212 |
| ew_jucdcecm.inf | 2.6.2. 1212 |
| ew_jucdcmdm.inf | 2.6.2. 1212 |
| ew_juextctrl.inf | 2.6.2. 1212 |
| ew_juwwanecm.inf | 2.6.2. 1212 |
| ewusbwwan.inf | 6.0.1.276 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |

X64

| | |
|------------------|-------------|
| ewmdm2k.inf | 2.0.6.705 |
| ewser2k.inf | 2.0.6.705 |
| ewnet.inf | 1.0.4.006 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.1 |
| ew_jubusenum.inf | 2.6.2. 1212 |
| ew_jucdcacm.inf | 2.6.2. 1212 |
| ew_jucdcecm.inf | 2.6.2. 1212 |
| ew_jucdcmdm.inf | 2.6.2. 1212 |
| ew_juextctrl.inf | 2.6.2. 1212 |
| ew_juwwanecm.inf | 2.6.2. 1212 |



ewusbwwan.inf 6.0.1.276
hwgppsensor.inf 6.0.3.0
usbccid.inf 5.2.3790.2444

2.35 WinDriver 4.21.05.00

2.35.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|----------------------------------|--------|
| Version: WinDriver 4.21.05.00 | | |
| 1 | Fixed an issue in WWAN logo test | Fixed |
| | | |

2.35.2 News Features

1.

2.35.3 Known limitations and issues

None.

2.35.4 Driver Version

X86

ewmdm2k.inf 2.0.6.705
ewser2k.inf 2.0.6.705
ewnet.inf 1.0.4.006
ew_busfilter.inf 1.0.3.0
ewdcsc.inf 1.0.0.2
ew_busfilter.inf 1.0.3.0
hwgppsensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1
ew_hwusbdev.inf 1.0.1.4
ew_hwupgrade.inf 1.0.0.1
ew_jubusenum.inf 2.6.2.1212
ew_jucdcacm.inf 2.6.2. 1212
ew_jucdcecm.inf 2.6.2. 1212
ew_jucdcmdm.inf 2.6.2. 1212
ew_juextctrl.inf 2.6.2. 1212
ew_juwwanecm.inf 2.6.2. 1212
ewusbwwan.inf 6.0.1.276
hwgppsensor.inf 6.0.3.0
usbccid.inf 5.2.3790.2444



X64

| | |
|------------------|---------------|
| ewmdm2k.inf | 2.0.6.705 |
| ewser2k.inf | 2.0.6.705 |
| ewnet.inf | 1.0.4.006 |
| ew_busfilter.inf | 1.0.3.0 |
| ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.1 |
| ew_jubusenum.inf | 2.6.2. 1212 |
| ew_jucdcacm.inf | 2.6.2. 1212 |
| ew_jucdcecm.inf | 2.6.2. 1212 |
| ew_jucdcmdm.inf | 2.6.2. 1212 |
| ew_juextctrl.inf | 2.6.2. 1212 |
| ew_juwwanecm.inf | 2.6.2. 1212 |
| ewusbwwan.inf | 6.0.1.276 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |

2.36 WinDriver 4.21.03.00

2.36.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.21.03.00 | | |
| 1 | Fixed the issue that WWAN failed to connect | Fixed |
| | | |

2.36.2 News Features

1.

2.36.3 Known limitations and issues

None.

2.36.4 Driver Version

X86

| | |
|-------------|-----------|
| ewmdm2k.inf | 2.0.6.705 |
| ewser2k.inf | 2.0.6.705 |
| ewnet.inf | 1.0.4.006 |

```

ew_busfilter.inf      1.0.3.0
ewdcsc.inf            1.0.0.2
ew_busfilter.inf      1.0.3.0
hwgpssensor.inf       6.0.3.0
ewsmartcard.inf       1.0.0.1
ew_hwusbdev.inf       1.0.1.4
ew_hwupgrade.inf      1.0.0.1
ew_jubusenum.inf      2.6.2.1212
ew_jucdcacm.inf       2.6.2. 1212
ew_jucdcecm.inf       2.6.2. 1212
ew_jucdcmdm.inf       2.6.2. 1212
ew_juextctrl.inf      2.6.2. 1212
ew_juwwanecm.inf      2.6.2. 1212
ewusbwwan.inf         6.0.1.276
hwgpssensor.inf       6.0.3.0
usbccid.inf           5.2.3790.2444

```

X64

```

ewmdm2k.inf          2.0.6.705
ewser2k.inf           2.0.6.705
ewnet.inf             1.0.4.006
ew_busfilter.inf      1.0.3.0
ewdcsc.inf            1.0.0.2
ew_busfilter.inf      1.0.3.0
hwgpssensor.inf       6.0.3.0
ewsmartcard.inf       1.0.0.1
ew_hwusbdev.inf       1.0.1.4
ew_hwupgrade.inf      1.0.0.1
ew_jubusenum.inf      2.6.2. 1212
ew_jucdcacm.inf       2.6.2. 1212
ew_jucdcecm.inf       2.6.2. 1212
ew_jucdcmdm.inf       2.6.2. 1212
ew_juextctrl.inf      2.6.2. 1212
ew_juwwanecm.inf      2.6.2. 1212
ewusbwwan.inf         6.0.1.275
hwgpssensor.inf       6.0.3.0
usbccid.inf           5.2.3790.2444

```

2.37 WinDriver 4.21.02.00

2.37.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|------------------------------|--------|
| Version: WinDriver 4.21.02.00 | | |



| | | |
|---|---|-------|
| 1 | Fix the issue that WWAN port does not disappear after unplug | Fixed |
| 2 | Fix the issue that software can not ping the server after connected | Fixed |
| 3 | Fix the issue that connect failed by NDIS | Fixed |
| 4 | Fix the issue that WWAN does not correctly display current data class | Fixed |
| 5 | Improve the efficiency of WWAN PIN unlock processing | Fixed |

2.37.2 News Features

1.

2.37.3 Known limitations and issues

None.

2.37.4 Driver Version

X86

| | |
|------------------|---------------|
| Ewmdm2k.inf | 2.0.6.705 |
| Ewser2k.inf | 2.0.6.705 |
| Ewnet.inf | 1.0.4.006 |
| Ew_busfilter.inf | 1.0.3.0 |
| Ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.1 |
| ew_jubusenum.inf | 2.6.2.1212 |
| ew_jucdcacm.inf | 2.6.2. 1212 |
| ew_jucdcecm.inf | 2.6.2. 1212 |
| ew_jucdcm dm.inf | 2.6.2. 1212 |
| ew_juextctrl.inf | 2.6.2. 1212 |
| ew_juwwanecm.inf | 2.6.2. 1212 |
| ewusbwwan.inf | 6.0.1.275 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |

X64

| | |
|-------------|-----------|
| Ewmdm2k.inf | 2.0.6.705 |
| Ewser2k.inf | 2.0.6.705 |
| Ewnet.inf | 1.0.4.006 |

```

Ew_busfilter.inf      1.0.3.0
Ewdcsc.inf            1.0.0.2
ew_busfilter.inf      1.0.3.0
hwgpssensor.inf       6.0.3.0
ewsmartcard.inf       1.0.0.1
ew_hwusbdev.inf       1.0.1.4
ew_hwupgrade.inf      1.0.0.1
ew_jubusenum.inf      2.6.2. 1212
ew_jucdcacm.inf       2.6.2. 1212
ew_jucdcecm.inf       2.6.2. 1212
ew_jucdcmdm.inf       2.6.2. 1212
ew_juextctrl.inf      2.6.2. 1212
ew_juwwanecm.inf      2.6.2. 1212
ewusbwwan.inf         6.0.1.275
hwgpssensor.inf       6.0.3.0
usbccid.inf           5.2.3790.2444

```

2.38 WinDriver 4.21.01.00

2.38.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---------------------------------|--------|
| Version: WinDriver 4.21.01.00 | | |
| 1 | Optimize NDIS download speed | Fixed |
| 2 | Fix a problem of install driver | Fixed |
| 3 | | |

2.38.2 News Features

2.38.3 Known limitations and issues

None.

2.38.4 Driver Version

X86

```

Ewmdm2k.inf          2.0.6.705
Ewser2k.inf           2.0.6.705
Ewnet.inf             1.0.4.006
Ew_busfilter.inf      1.0.3.0
Ewdcsc.inf            1.0.0.2
ew_busfilter.inf      1.0.3.0
hwgpssensor.inf       6.0.3.0

```



ewsmartcard.inf 1.0.0.1
ew_hwusbdev.inf 1.0.1.4
ew_hwupgrade.inf 1.0.0.1
ew_jubusenum.inf 2.6.2.1203
ew_jucdcacm.inf 2.6.2.1206
ew_jucdcecm.inf 2.6.2.1203
ew_jucdcmcmdm.inf 2.6.2.1206
ew_juextctrl.inf 2.6.2.1206
ew_juwwanecm.inf 2.6.2.1206
ewusbwwan.inf 6.0.1.275
hwgpssensor.inf 6.0.3.0
usbccid.inf 5.2.3790.2444

X64

Ewmdm2k.inf 2.0.6.705
Ewser2k.inf 2.0.6.705
Ewnet.inf 1.0.4.006
Ew_busfilter.inf 1.0.3.0
Ewdcsc.inf 1.0.0.2
ew_busfilter.inf 1.0.3.0
hwgpssensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1
ew_hwusbdev.inf 1.0.1.4
ew_hwupgrade.inf 1.0.0.1
ew_jubusenum.inf 2.6.2.1203
ew_jucdcacm.inf 2.6.2.1206
ew_jucdcecm.inf 2.6.2.1203
ew_jucdcmcmdm.inf 2.6.2.1206
ew_juextctrl.inf 2.6.2.1206
ew_juwwanecm.inf 2.6.2.1206
ewusbwwan.inf 6.0.1.275
hwgpssensor.inf 6.0.3.0
usbccid.inf 5.2.3790.2444

2.39 WinDriver 4.21.00.00**2.39.1 Improvement from the previous version**

| No. | Brief description of problem | Remark |
|-------------------------------|---------------------------------------|--------|
| Version: WinDriver 4.21.00.00 | | |
| 1 | Support QOS | Fixed |
| 2 | Optimize the output of log | Fixed |
| 3 | Optimize the structure of driver file | Fixed |

2.39.2 News Features

1.

2.39.3 Known limitations and issues

None.

2.39.4 Driver Version

X86

| | |
|------------------|---------------|
| Ewmdm2k.inf | 2.0.6.705 |
| Ewser2k.inf | 2.0.6.705 |
| Ewnet.inf | 1.0.4.005 |
| Ew_busfilter.inf | 1.0.3.0 |
| Ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.1 |
| ew_jubusenum.inf | 2.6.2.1203 |
| ew_jucdcacm.inf | 2.6.2.1206 |
| ew_jucdcecm.inf | 2.6.2.1203 |
| ew_jucdcmdm.inf | 2.6.2.1206 |
| ew_juextctrl.inf | 2.6.2.1206 |
| ew_juwwanecm.inf | 2.6.2.1206 |
| ewusbwwan.inf | 6.0.1.273 |
| hwgpssensor.inf | 6.0.3.0 |
| usbccid.inf | 5.2.3790.2444 |

X64

| | |
|------------------|------------|
| Ewmdm2k.inf | 2.0.6.705 |
| Ewser2k.inf | 2.0.6.705 |
| Ewnet.inf | 1.0.4.005 |
| Ew_busfilter.inf | 1.0.3.0 |
| Ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |
| ew_hwusbdev.inf | 1.0.1.4 |
| ew_hwupgrade.inf | 1.0.0.1 |
| ew_jubusenum.inf | 2.6.2.1203 |
| ew_jucdcacm.inf | 2.6.2.1206 |
| ew_jucdcecm.inf | 2.6.2.1203 |
| ew_jucdcmdm.inf | 2.6.2.1206 |
| ew_juextctrl.inf | 2.6.2.1206 |
| ew_juwwanecm.inf | 2.6.2.1206 |



ewusbwwan.inf 6.0.1.273
hwgpcsensor.inf 6.0.3.0
usbccid.inf 5.2.3790.2444

2.40 WinDriver 4.20.05.00

2.40.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|-----------------------------------|--------|
| Version: WinDriver 4.20.05.00 | | |
| 1 | Add PID 1C1C in ew_jubusenum.inf. | Fixed |
| 2 | Fix some WWAN issue | Fixed |

2.40.2 News Features

1.

2.40.3 Known limitations and issues

None.

2.40.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

Ewmdm2k.inf 2.0.6.704
Ewser2k.inf 2.0.6.704
Ewnet.inf 1.0.4.004
Ewdcsc.inf 1.0.0.0
Ew_busfilter.inf 1.0.3.0

Ewusbmdm.sys 2.0.6.704
Ewusbnet.sys 1.0.4.004
ewdcsc.sys 1.0.0.0
ew_usbenumfilter.sys 1.0.3.0

OS: Win 7 Win 7 x64

Ewmdm2k.inf 2.0.6.704
Ewser2k.inf 2.0.6.704
Ewnet.inf 6.0.1.271
Ewdcsc.inf 1.0.0.2
ew_busfilter.inf 1.0.3.0



hwgpssensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1

Ewusbmdm.sys 2.0.6.704
Ewusbnet.sys 6.0.1.271
ewdcsc.sys 1.0.0.2
ew_usbenumfilter.sys 1.0.3.0
hwgpssensor.dll 6.0.3.0

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

ew_jubusenum.inf 2.6.2.1203
ew_jucdcacm.inf 2.6.2.1206
ew_jucdcecm.inf 2.6.2.1203
ew_jucdcmdm.inf 2.6.2.1206
ew_juextctrl.inf 2.6.2.1203

3. Common

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

ew_hwusbdev.inf 1.0.1.4
ew_hwupgrade.inf 1.0.0.1

2.41 WinDriver 4.20.03.00

2.41.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.20.03.00 | | |
| 1 | Fix the BSOD issue when download big file. | Fixed |
| 2 | Fix the WWAN issue that the WWAN UI can not appear when disable the PIN code. | |

2.41.2 News Features

1.

2.41.3 Known limitations and issues

None.



2.41.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.704 |
| Ewser2k.inf | 2.0.6.704 |
| Ewnet.inf | 1.0.4.004 |
| Ewdcsc.inf | 1.0.0.0 |
| Ew_busfilter.inf | 1.0.3.0 |

| | |
|----------------------|-----------|
| Ewusbmdm.sys | 2.0.6.703 |
| Ewusbnet.sys | 1.0.4.003 |
| ewdcsc.sys | 1.0.0.0 |
| ew_usbenumfilter.sys | 1.0.3.0 |

OS: Win 7 Win 7 x64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.704 |
| Ewser2k.inf | 2.0.6.704 |
| Ewnet.inf | 6.0.1.271 |
| Ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |

| | |
|----------------------|-----------|
| Ewusbmdm.sys | 2.0.6.703 |
| Ewusbnet.sys | 6.0.1.271 |
| ewdcsc.sys | 1.0.0.2 |
| ew_usbenumfilter.sys | 1.0.3.0 |
| hwgpssensor.dll | 6.0.3.0 |

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

| | |
|------------------|------------|
| ew_jubusenum.inf | 2.6.2.1203 |
| ew_jucdcacm.inf | 2.6.2.1203 |
| ew_jucdcecm.inf | 2.6.2.1203 |
| ew_jucdcmmdm.inf | 2.6.2.1203 |
| ew_juextctrl.inf | 2.6.2.1203 |

3. Common

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

| | |
|------------------|---------|
| ew_hwusbdev.inf | 1.0.1.2 |
| ew_hwupgrade.inf | 1.0.0.1 |



2.42 WinDriver 4.20.02.00

2.42.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.20.02.00 | | |
| 1 | Disable the QOS feature of NDIS in XP/Vista/2000. | Fixed |
| 2 | The ports can not disappear when the device removed for EC166. | Fixed |
| | | |
| | | |
| | | |
| | | |

2.42.2 News Features

1.

2.42.3 Known limitations and issues

None.

2.42.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.704 |
| Ewser2k.inf | 2.0.6.704 |
| Ewnet.inf | 1.0.4.004 |
| Ewdcsc.inf | 1.0.0.0 |
| Ew_busfilter.inf | 1.0.3.0 |

| | |
|----------------------|-----------|
| Ewusbmdm.sys | 2.0.6.703 |
| Ewusbnet.sys | 1.0.4.003 |
| ewdcsc.sys | 1.0.0.0 |
| ew_usbenumfilter.sys | 1.0.3.0 |

OS: Win 7 Win 7 x64

| | |
|-------------|-----------|
| Ewmdm2k.inf | 2.0.6.704 |
|-------------|-----------|



Ewser2k.inf 2.0.6.704
Ewnet.inf 6.0.1.270
Ewdcsc.inf 1.0.0.2
ew_busfilter.inf 1.0.3.0
hwgpssensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1

Ewusbmdm.sys 2.0.6.703
Ewusbnet.sys 6.0.1.270
ewdcsc.sys 1.0.0.2
ew_usbenumfilter.sys 1.0.3.0
hwgpssensor.dll 6.0.3.0

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

ew_jubusenum.inf 2.6.2.1203
ew_jucdcacm.inf 2.6.2.1203
ew_jucdcecm.inf 2.6.2.1203
ew_jucdcmcmdm.inf 2.6.2.1203
ew_juextctrl.inf 2.6.2.1203

3. Common

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

ew_hwusbdev.inf 1.0.1.2
ew_hwupgrade.inf 1.0.0.1

2.43 WinDriver 4.20.01.00

2.43.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|------------------------------|--------|
| Version: WinDriver 4.20.01.00 | | |
| 1 | Port cannot open sometime | Fixed |
| | | |
| | | |
| | | |
| | | |
| | | |

2.43.2 News Features

1.

2.43.3 Known limitations and issues

None.

2.43.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.704 |
| Ewser2k.inf | 2.0.6.704 |
| Ewnet.inf | 1.0.4.003 |
| Ewdcsc.inf | 1.0.0.0 |
| Ew_busfilter.inf | 1.0.3.0 |

| | |
|----------------------|-----------|
| Ewusbmdm.sys | 2.0.6.703 |
| Ewusbnet.sys | 1.0.4.003 |
| ewdcsc.sys | 1.0.0.0 |
| ew_usbenumfilter.sys | 1.0.3.0 |

OS: Win 7 Win 7 x64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.704 |
| Ewser2k.inf | 2.0.6.704 |
| Ewnet.inf | 6.0.1.270 |
| Ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |

| | |
|----------------------|-----------|
| Ewusbmdm.sys | 2.0.6.703 |
| Ewusbnet.sys | 6.0.1.270 |
| ewdcsc.sys | 1.0.0.2 |
| ew_usbenumfilter.sys | 1.0.3.0 |
| hwgpssensor.dll | 6.0.3.0 |

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

| | |
|------------------|------------|
| ew_jubusenum.inf | 2.6.2.1203 |
| ew_jucdcacm.inf | 2.6.2.1203 |
| ew_jucdcecm.inf | 2.6.2.1203 |
| ew_jucdcmdm.inf | 2.6.2.1203 |
| ew_juextctrl.inf | 2.6.2.1203 |



3. Common

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

ew_hwusbdev.inf 1.0.1.2

ew_hwupgrade.inf 1.0.0.1

2.44 WinDriver 4.17.02.00

2.44.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|-------------------------------------|--------|
| Version: WinDriver 4.17.02.00 | | |
| 1 | BSOD in the fake driver | Fixed |
| 2 | Delete the futility driver version | Fixed |
| 3 | Jungo PCUI port can not communicate | Fixed |
| | | |
| | | |
| | | |
| | | |
| | | |

2.44.2 News Features

1.

2.44.3 Known limitations and issues

None.

2.44.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

Ewmdm2k.inf 2.0.6.703

Ewser2k.inf 2.0.6.703

Ewnet.inf 1.0.4.003

Ewdcsc.inf 1.0.0.0



Ew_busfilter.inf 1.0.3.0

Ewusbmdm.sys 2.0.6.703
Ewusbnet.sys 1.0.4.003
ewdcsc.sys 1.0.0.0
ew_usbenumfilter.sys 1.0.3.0

OS: Win 7 Win 7 x64

Ewmdm2k.inf 2.0.6.703
Ewser2k.inf 2.0.6.703
Ewnet.inf 6.0.1.270
Ewdcsc.inf 1.0.0.2
ew_busfilter.inf 1.0.3.0
hwgpssensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1

Ewusbmdm.sys 2.0.6.703
Ewusbnet.sys 6.0.1.270
ewdcsc.sys 1.0.0.2
ew_usbenumfilter.sys 1.0.3.0
hwgpssensor.dll 6.0.3.0

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

ew_jubusenum.inf 2.6.2.12
ew_jucdcacm.inf 2.6.2.12
ew_jucdcecm.inf 2.6.2.12
ew_jucdcmdm.inf 2.6.2.12
ew_juextctrl.inf 2.6.2.12

3. Common

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

ew_hwusbdev.inf 1.0.1.2
ew_hwupgrade.inf 1.0.0.1

2.45 WinDriver 4.17.00.00

2.45.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|------------------------------|--------|
| Version: WinDriver 4.17.00.00 | | |
| 1 | Remove DVB driver | Fixed |
| | | |

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2.45.2 News Features

1.

2.45.3 Known limitations and issues

None.

2.45.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 1.0.4.002 |
| Ewdcsc.inf | 1.0.0.0 |
| Ew_busfilter.inf | 1.0.3.0 |

| | |
|---------------------|-----------|
| Ewusbmdm.sys | 2.0.6.702 |
| Ewusbnet.sys | 1.0.4.002 |
| ewdcsc.sys | 1.0.0.0 |
| ew_usbnumfilter.sys | 1.0.3.0 |

OS: Win 7 Win 7 x64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 6.0.1.269 |
| Ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |

| | |
|--------------|-----------|
| Ewusbmdm.sys | 2.0.6.702 |
| Ewusbnet.sys | 6.0.1.269 |
| ewdcsc.sys | 1.0.0.2 |



ew_usbenumfilter.sys 1.0.3.0
hwgpssensor.dll 6.0.3.0

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

ew_jubusenum.inf 2.6.2.12
ew_jucdcacm.inf 2.6.2.12
ew_jucdcecm.inf 2.6.2.12
ew_jucdcmdm.inf 2.6.2.12
ew_juextctrl.inf 2.6.2.12

3. Common

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

ew_hwusbdev.inf 1.0.1.2
ew_hwupgrade.inf 1.0.0.1

2.46 WinDriver 4.16.00.00

2.46.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.16.00.00 | | |
| 1 | WWAN driver was only installed into Win7 system | Fixed |
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2.46.2 News Features

1.

2.46.3 Known limitations and issues

None.

2.46.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 1.0.4.002 |
| Ewdcsc.inf | 1.0.0.0 |
| Ew_busfilter.inf | 1.0.3.0 |

| | |
|----------------------|-----------|
| Ewusbmdm.sys | 2.0.6.702 |
| Ewusbnet.sys | 1.0.4.002 |
| ewdcsc.sys | 1.0.0.0 |
| ew_usbenumfilter.sys | 1.0.3.0 |

OS: Win 7 Win 7 x64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 6.0.1.269 |
| Ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |

| | |
|----------------------|-----------|
| Ewusbmdm.sys | 2.0.6.702 |
| Ewusbnet.sys | 6.0.1.269 |
| ewdcsc.sys | 1.0.0.2 |
| ew_usbenumfilter.sys | 1.0.3.0 |
| hwgpssensor.dll | 6.0.3.0 |

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

| | |
|------------------|----------|
| ew_jubusenum.inf | 2.6.2.12 |
| ew_jucdcacm.inf | 2.6.2.12 |
| ew_jucdcecm.inf | 2.6.2.12 |
| ew_jucdcmdm.inf | 2.6.2.12 |
| ew_juextctrl.inf | 2.6.2.12 |



3. Common

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

ew_hwusbdev.inf 1.0.1.2

ew_hwupgrade.inf 1.0.0.1

2.47 WinDriver 4.15.00.00

2.47.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 4.15.00.00 | | |
| 1 | Fix the auto connection issue after resume from sleep for CDMA Data card. | Fixed |
| | | |
| | | |
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2.47.2 News Features

1.

2.47.3 Known limitations and issues

None.

2.47.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

Ewmdm2k.inf 2.0.6.702

Ewser2k.inf 2.0.6.702



Ewnet.inf 1.0.4.002
 Ewdcsc.inf 1.0.0.0
 Ew_busfilter.inf 1.0.3.0

 Ewusbmdm.sys 2.0.6.702
 Ewusbnet.sys 1.0.4.002
 ewdcsc.sys 1.0.0.0
 ew_usbenumfilter.sys 1.0.3.0

OS: Win 7 Win 7 x64

Ewmdm2k.inf 2.0.6.702
 Ewser2k.inf 2.0.6.702
 Ewnet.inf 6.0.1.269
 Ewdcsc.inf 1.0.0.2
 ew_busfilter.inf 1.0.3.0
 hwgpcsensor.inf 6.0.3.0
 ewsmartcard.inf 1.0.0.1

 Ewusbmdm.sys 2.0.6.702
 Ewusbnet.sys 6.0.1.269
 ewdcsc.sys 1.0.0.2
 ew_usbenumfilter.sys 1.0.3.0
 hwgpcsensor.dll 6.0.3.0

2. Driver.01

OS: 2K、XP、XP64、Vista32、Vista64、win7 32、win7 64

ew_jubusenum.inf 2.6.2.12
 ew_jucdcacm.inf 2.6.2.12
 ew_jucdcecm.inf 2.6.2.12
 ew_jucdcmdm.inf 2.6.2.12
 ew_juextctrl.inf 2.6.2.12

3. Common

OS: 2K、XP、XP64、Vista32、Vista64、win7 32、win7 64

ew_hwusbdev.inf 1.0.1.2
 ew_hwupgrade.inf 1.0.0.1

2.48 WinDriver 4.12.00.00

2.48.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|-------------------------------------|--------|
| Version: WinDriver 4.12.00.00 | | |
| 1 | Modify 2000 can not delete hardware | |



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2.48.2 News Features

1.

2.48.3 Known limitations and issues

None.

2.48.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 1.0.4.001 |
| Ewdcsc.inf | 1.0.0.0 |
| Ew_busfilter.inf | 1.0.3.0 |

OS: Win 7 Win 7 x64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 6.0.1.269 |
| Ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpcsensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

| | |
|------------------|-----------|
| ew_jubusenum.inf | 2.1.0.554 |
| ew_jucdcacm.inf | 2.1.0.554 |
| ew_jucdcecm.inf | 2.1.0.554 |



ew_jucdcmdm.inf 2.1.0.554
ew_juextctrl.inf 2.1.0.554

3. Common

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

ew_hwusbdev.inf 1.0.1.2
ew_hwupgrade.inf 1.0.0.1

2.49 WinDriver 4.11.00.00

2.49.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.11.00.00 | | |
| 1 | Add the new BDA driver. | |
| 2 | Add ess parameter to support select suspend or not | |
| | | |
| | | |
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| | | |
| | | |

2.49.2 News Features

1.

2.49.3 Known limitations and issues

None.

2.49.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

Ewmdm2k.inf 2.0.6.702
Ewser2k.inf 2.0.6.702



Ewnet.inf 1.0.4.001
 Ewdcsc.inf 1.0.0.0
 Ew_busfilter.inf 1.0.3.0

OS: Win 7 Win 7 x64

Ewmdm2k.inf 2.0.6.702
 Ewser2k.inf 2.0.6.702
 Ewnet.inf 6.0.1.269
 Ewdcsc.inf 1.0.0.2
 ew_busfilter.inf 1.0.3.0
 hwgpssensor.inf 6.0.3.0
 ewsmartcard.inf 1.0.0.1

2. Driver.01

OS: 2K、XP、XP64、Vista32、Vista64、win7 32、win7 64

ew_jubusenum.inf 2.1.0.554
 ew_jucdcacm.inf 2.1.0.554
 ew_jucdcecm.inf 2.1.0.554
 ew_jucdcmcmdm.inf 2.1.0.554
 ew_juextctrl.inf 2.1.0.554

3. Common

OS: 2K、XP、XP64、Vista32、Vista64、win7 32、win7 64

ew_hwusbdev.inf 1.0.1.2
 ew_hwupgrade.inf 1.0.0.1

2.50 WinDriver 4.10.00.00

2.50.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.10.00.00 | | |
| 1 | Fix the issue that NDIS port can't be found by NDIS api, Which caused by the modification of Version 4.09.00.00. | |
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2.50.2 News Features

1.

2.50.3 Known limitations and issues

None.

2.50.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 1.0.4.001 |
| Ewdcsc.inf | 1.0.0.0 |
| Ew_busfilter.inf | 1.0.3.0 |

OS: Win 7 Win 7 x64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 6.0.1.269 |
| Ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

| | |
|------------------|-----------|
| ew_jubusenum.inf | 2.1.0.554 |
| ew_jucdcacm.inf | 2.1.0.554 |
| ew_jucdcecm.inf | 2.1.0.554 |
| ew_jucdcmdm.inf | 2.1.0.554 |
| ew_juextctrl.inf | 2.1.0.554 |

3. Common

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

| | |
|------------------|---------|
| ew_hwusbdev.inf | 1.0.1.2 |
| ew_hwupgrade.inf | 1.0.0.1 |



2.51 WinDriver 4.09.00.00

2.51.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.09.00.00 | | |
| 1 | Fix the issue that it can not upload datas with WWAN driver of CDMA. | |
| 2 | Support the modification of Model ID in WWAN driver. | |
| 3 | Add some PIDs in the Driver. | |
| 4 | Supports the New PID driver for Vodafone. | |
| 5 | Some new firmware uses the Raw IP feature of QUALCOMM. | |
| 6 | Add the Driver for the upgrade of DATANG Datacard. | |
| | | |
| | | |

2.51.2 News Features

1.

2.51.3 Known limitations and issues

None.

2.51.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 1.0.4.001 |
| Ewdcsc.inf | 1.0.0.0 |
| Ew_busfilter.inf | 1.0.4.0 |

OS: Win 7 Win 7 x64

| | |
|-------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |



Ewnet.inf 6.0.1.269
Ewdcsc.inf 1.0.0.2
ew_busfilter.inf 1.0.4.0
hwgpcsensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

ew_jubusenum.inf 2.1.0.554
ew_jucdcacm.inf 2.1.0.554
ew_jucdcecm.inf 2.1.0.554
ew_jucdcmcmdm.inf 2.1.0.554
ew_juextctrl.inf 2.1.0.554

3. Common

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

ew_hwusbdev.inf 1.0.1.2
ew_hwupgrade.inf 1.0.0.1

2.52 WinDriver 4.08.00.00

2.52.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|------------------------------|--------|
| Version: WinDriver 4.08.00.00 | | |
| 1 | Fixed some issues on WWAN | |

2.52.2 News Features

1.

2.52.3 Known limitations and issues

None.

2.52.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

Ewmdm2k.inf 2.0.6.702
Ewser2k.inf 2.0.6.702



Ewnet.inf 1.0.4.001
Ewdcsc.inf 1.0.0.0
Ew_busfilter.inf 1.0.3.0

OS: Win 7 Win 7 x64

Ewmdm2k.inf 2.0.6.702
Ewser2k.inf 2.0.6.702
Ewnet.inf 6.0.1.268
Ewdcsc.inf 1.0.0.2
ew_busfilter.inf 1.0.3.0
hwgpssensor.inf 6.0.3.0
ewsmartcard.inf 1.0.0.1

2. Driver.01

OS: 2K、XP、XP64、Vista32、Vista64、win7 32、win7 64

ew_jubusenum.inf 2.6.0.9
ew_jucdcacm.inf 2.6.0.9
ew_jucdcecm.inf 2.6.0.9
ew_jucdcmcmdm.inf 2.6.0.9
ew_juextctrl.inf 2.6.0.9
ew_juwwanecm.inf 2.6.0.9

3. Common

OS: 2K、XP、XP64、Vista32、Vista64、win7 32、win7 64

Ewusbdev.inf 1.0.1.2

2.53 WinDriver 4.06.00.00

2.53.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|------------------------------|--------|
| Version: WinDriver 4.06.00.00 | | |
| 1 | Fixed some issues on WWAN | |

2.53.2 News Features

1.

2.53.3 Known limitations and issues

None.



2.53.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 1.0.4.001 |
| Ewdcsc.inf | 1.0.0.0 |
| Ew_busfilter.inf | 1.0.3.0 |

OS: Win 7 Win 7 x64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 6.0.1.268 |
| Ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

| | |
|------------------|---------|
| ew_jubusenum.inf | 2.6.0.7 |
| ew_jucdcacm.inf | 2.6.0.7 |
| ew_jucdcecm.inf | 2.6.0.7 |
| ew_jucdcmdm.inf | 2.6.0.7 |
| ew_juextctrl.inf | 2.6.0.7 |
| ew_juwwanecm.inf | 2.6.0.7 |

3. Common

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

| | |
|--------------|---------|
| Ewusbdev.inf | 1.0.1.2 |
|--------------|---------|

2.54 WinDriver 4.05.00.00

2.54.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.05.00.00 | | |
| 1 | Fix the problem of WWAN API can not force registering the 2G network | |
| 2 | Modify some network error code | |

2.54.2 News Features

1.

2.54.3 Known limitations and issues

None.

2.54.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 1.0.4.001 |
| Ewdcsc.inf | 1.0.0.0 |
| Ew_busfilter.inf | 1.0.3.0 |

OS: Win 7 Win 7 x64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 6.0.1.268 |
| Ewdcsc.inf | 1.0.0.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

| | |
|------------------|-----------|
| ew_jubusenum.inf | 2.1.0.554 |
| ew_jucdcacm.inf | 2.1.0.554 |
| ew_jucdcecm.inf | 2.1.0.554 |
| ew_jucdcmdm.inf | 2.1.0.554 |
| ew_juextctrl.inf | 2.1.0.554 |

3. Common

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

| | |
|--------------|---------|
| Ewusbdev.inf | 1.0.1.2 |
|--------------|---------|

2.55 WinDriver 4.03.00.00

2.55.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-----|------------------------------|--------|
|-----|------------------------------|--------|



| | | |
|-------------------------------|--|--|
| Version: WinDriver 4.03.00.00 | | |
| 1 | | |

2.55.2 News Features

1. Add PID 1557-1559.
2. Fix the problem of flight mode.
3. Fix the problem that the dll file cannot be found.
4. Fix the problem that the board cannot enter D2.
5. Fix the BSOD problem in 64 bit system.

2.55.3 Known limitations and issues

None.

2.55.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 1.0.4.001 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.1.2 |
| Ew_busfilter.inf | 1.0.3.0 |

OS: Win 7 Win 7 x64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.702 |
| Ewser2k.inf | 2.0.6.702 |
| Ewnet.inf | 6.0.1.267 |
| Ewdcsc.inf | 1.0.0.2 |
| Ewusbdev.inf | 1.0.1.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

| | |
|------------------|-----------|
| ew_jubusenum.inf | 2.1.0.552 |
|------------------|-----------|



| | |
|------------------|-----------|
| ew_jucdcacm.inf | 2.1.0.552 |
| ew_jucdcecm.inf | 2.1.0.552 |
| ew_jucdmdm.inf | 2.1.0.552 |
| ew_juextctrl.inf | 2.1.0.552 |

2.56 WinDriver 4.02.00.00

2.56.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.02.00.00 | | |
| 1 | Fix the problem that the devsetup would get the wrong OS version in compatible mode. | |
| 2 | Fix the issue that NDIS driver cannot be loaded in Win2K. | |
| 3 | Fix the indication message problem in WWAN. | |
| 4 | Fix the firmware update problem . | |
| 5 | Fix the connect problem of WWAN. | |

2.56.2 News Features

1. Include the DVB driver in the packet.
2. Add new PIDs in *.inf files, remove the PIDs that could conflict with other products
3. Modify the *.inf files to support New PID features.

2.56.3 Known limitations and issues

None.

2.56.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.701 |
| Ewser2k.inf | 2.0.6.701 |
| Ewnet.inf | 1.0.4.001 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.1.2 |
| ew_busfilter.inf | 1.0.3.0 |

OS: Win 7 Win 7 x64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.701 |
| Ewser2k.inf | 2.0.6.701 |
| Ewnet.inf | 6.0.1.266 |
| Ewdcsc.inf | 1.0.0.2 |
| Ewusbdev.inf | 1.0.1.2 |
| ew_busfilter.inf | 1.0.3.0 |
| hwgpsensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |

2. Driver.01

OS: 2K、XP、XP64、Vista32、Vista64、win7 32、win7 64

| | |
|------------------|-----------|
| ew_jubusenum.inf | 2.1.0.551 |
| ew_jucdcacm.inf | 2.1.0.551 |
| ew_jucdcecm.inf | 2.1.0.551 |
| ew_jucdcmmdm.inf | 2.1.0.551 |
| ew_juextctrl.inf | 2.1.0.551 |

2.57 WinDriver 4.01.00.00

2.57.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 4.01.00.00 | | |
| 1 | Fix the issue that BSOD appears when NDIS is unload. | |
| 2 | Fix the issue that BSOD appears when driver is uninstalled with the card. | |
| 3 | Fix the issue that the sleep cannot success on some PC. | |
| 4 | Fix the BSOD when the CDMA card insert into the PC. | |
| 5 | Add the USB requests that start/stop the GPS service when the GPS port is opened/closed. | |



2.57.2 News Features

1. Transfer the baseline code.
2. Combine the Jungo Driver.
3. Combine the new pid driver.
4. Combine the GPS driver for Win7.
5. Optimize the devsetup.
6. Combine the PCSC driver for Win7.

2.57.3 Known limitations and issues

None.

2.57.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.700 |
| Ewser2k.inf | 2.0.6.700 |
| Ewnet.inf | 1.0.4.000 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.1.1 |
| ew_busfilter.inf | 1.0.2.0 |

OS: Win 7 Win 7 x64

| | |
|------------------|-----------|
| Ewmdm2k.inf | 2.0.6.700 |
| Ewser2k.inf | 2.0.6.700 |
| Ewnet.inf | 6.0.1.265 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.1.1 |
| ew_busfilter.inf | 1.0.2.0 |
| hwgpssensor.inf | 6.0.3.0 |
| ewsmartcard.inf | 1.0.0.1 |

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

| | |
|-------------------|----------|
| ew_jubusenum.inf | 2.1.0.55 |
| ew_jucdcacm.inf | 2.1.0.55 |
| ew_jucdcecm.inf | 2.1.0.55 |
| ew_jucdcmcmdm.inf | 2.1.0.55 |



ew_juextctrl.inf 2.1.0.55

2.58 WinDriver 3.13.00.00

2.58.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---------------------------------|--------|
| Version: WinDriver 3.13.00.00 | | |
| 1 | Support new platform of USBWare | |

2.58.2 News Features

None

2.58.3 Known limitations and issues

None.

2.58.4 Driver Version

1. Driver.00

OS: 2K、XP, XP64, Vista32, Vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.828 |
| Ewser2k.inf | 2.0.3.828 |
| Ewnet.inf | 1.0.2.906 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.1.0 |

OS: Win 7 Win 7 x64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.828 |
| Ewser2k.inf | 2.0.3.828 |
| Ewnet.inf | 6.0.1.262 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.1.0 |

2. Driver.01

OS: 2K、XP, XP64, Vista32, Vista64, win7 32, win7 64

| | |
|------------------|----------|
| ew_jubusenum.inf | 2.1.0.55 |
| ew_jucdcacm.inf | 2.1.0.55 |
| ew_jucdcecm.inf | 2.1.0.55 |
| ew_jucdcm dm.inf | 2.1.0.55 |
| ew_juextctrl.inf | 2.1.0.55 |



2.59 WinDriver 3.12.00.00

2.59.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 3.12.00.00 | | |
| 1 | Fix the issue that when do pwrtest PC hangs. | |

2.59.2 News Features

None

2.59.3 Known limitations and issues

None.

2.59.4 Driver Version

1. OS: 2K、XP, XP64, Vista32, Vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.828 |
| Ewser2k.inf | 2.0.3.828 |
| Ewnet.inf | 1.0.2.906 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.1.0 |

2. OS: Win 7 Win 7 x64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.828 |
| Ewser2k.inf | 2.0.3.828 |
| Ewnet.inf | 6.0.1.262 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.1.0 |

2.60 WinDriver 3.11.00.00

2.60.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 3.11.00.00 | | |
| 1 | Fix the BSOD caused by the WWan when PC go to standby. | |
| 2 | Support the installation command line parameter /EnableCD to tell firmware do Enable or Disable CDRom. | |



2.60.2 News Features

None

2.60.3 Known limitations and issues

None.

2.60.4 Driver Version

1. OS: 2K、XP, XP64, Vista32, Vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.828 |
| Ewser2k.inf | 2.0.3.828 |
| Ewnet.inf | 1.0.2.906 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.1.0 |

2. OS: Win 7 Win 7 x64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.828 |
| Ewser2k.inf | 2.0.3.828 |
| Ewnet.inf | 6.0.1.261 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.1.0 |

2.61 WinDriver 3.10.00.00

2.61.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 3.10.00.00 | | |
| 1 | Fix the issue Unsolicited indications are blocked when NO SMS capable SIM is used. | |
| 2 | Fix the issue WWAN UI does not appear with CDMA device, if the SPN returns error. | |
| 3 | Fix the BSOD due to improper response from firmware. | |
| 4 | Fix a dead lock issue causing BSOD, long time for Sleep. | |
| 5 | Fix BSOD when Firmware becomes irresponsive after some time and behaves randomly. | |
| 6 | Fix the issue that when use Multiple Data card, remove one, another is unuseful. | |
| 7 | Fix a risk when driver finished a IRP. | |

| | | |
|----|--|--|
| 8 | Fix the issue that Power management aware is disappeared after replug. | |
| 9 | Set default SMS configurations with AT+CNMI. | |
| 10 | Set default settings for memory storage for WCDMA, with AT+CPMS. | |
| 11 | Support new CDMA AT Commands. | |
| 12 | Support the installation command line parameter -pd, -nd, -pdf. | |
| 13 | Initialization time for the QMI is optimized. | |
| 14 | Add new function to distinguish DataCard and EM Device. | |
| 15 | Remove the support for IMSICHECK AT Command. | |
| 16 | Remove the support for TLP. | |

2.61.2 News Features

None

2.61.3 Known limitations and issues

None.

2.61.4 Driver Version

1. OS: 2K、XP, XP64, Vista32, Vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.828 |
| Ewser2k.inf | 2.0.3.828 |
| Ewnet.inf | 1.0.2.906 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.0.9 |

2. OS: Win 7 Win 7 x64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.828 |
| Ewser2k.inf | 2.0.3.828 |
| Ewnet.inf | 6.0.1.260 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.0.9 |



2.62 WinDriver 3.09.00.00

2.62.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 3.09.00.00 | | |
| 1 | Add the support for Windows XP 64bit. | |
| 2 | Add the installation for Autorun 2.0. | |
| 3 | Fix the issue that PC hang when do pwrtest. | |
| 4 | Remove the "safely remove" icon from Windows XP for EMXXX's NDIS Port. | |
| 5 | Fix the issue when PC go into sleep, firmware not goto low power state. | |
| 6 | Add L1 buffer's number to improve the download's stability. | |
| 7 | Fix the issue of reading SMS use at+clgm=4. | |
| 8 | Fix the issue that user form service area to no service area then go back to service area, | |
| 9 | Add the support for no IMSI product do wwan connect. | |
| 10 | Add the support for new PID 143F. | |

2.62.2 News Features

None

2.62.3 Known limitations and issues

None.

2.62.4 Driver Version

1. OS: 2K、XP, XP64, Vista32, Vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.826 |
| Ewser2k.inf | 2.0.3.826 |
| Ewnet.inf | 1.0.2.905 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.0.9 |

2. OS: Win 7 Win 7 x64

| | |
|-------------|-----------|
| Ewmdm2k.inf | 2.0.3.827 |
|-------------|-----------|



| | |
|--------------|-----------|
| Ewser2k.inf | 2.0.3.827 |
| Ewnet.inf | 6.0.1.259 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.0.9 |

2.63 WinDriver 3.08.00.00

2.63.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 3.08.00.00 | | |
| 1 | Fix the issue that after reinstall, modem can't be opened. | |

2.63.2 News Features

None

2.63.3 Known limitations and issues

None.

2.63.4 Driver Version

1. OS: XP, vista32, vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.826 |
| Ewser2k.inf | 2.0.3.826 |
| Ewnet.inf | 1.0.2.904 |
| Ewdcsc.inf | 1.0.0.0 |
| Mod7700.inf | 3.12.0.30 |
| Ewusbdev.inf | 1.0.0.9 |

2. OS: Win 7 Win 7 x64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.827 |
| Ewser2k.inf | 2.0.3.827 |
| Ewnet.inf | 6.0.1.255 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.0.9 |

2.64 WinDriver 3.07.00.00

2.64.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|------------------------------|--------|
| Version: WinDriver 3.07.00.00 | | |

| | | |
|---|--|--|
| 1 | Fix the issue that after reinstall, modem can't be opened. | |
|---|--|--|

2.64.2 News Features

None

2.64.3 Known limitations and issues

None.

2.64.4 Driver Version

1. OS: XP, vista32, vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.826 |
| Ewser2k.inf | 2.0.3.826 |
| Ewnet.inf | 1.0.2.904 |
| Ewdcsc.inf | 1.0.0.0 |
| Mod7700.inf | 3.12.0.30 |
| Ewusbdev.inf | 1.0.0.8 |

2. OS: Win 7 Win 7 x64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.827 |
| Ewser2k.inf | 2.0.3.827 |
| Ewnet.inf | 6.0.1.255 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.0.8 |

2.65 WinDriver 3.06.00.00

2.65.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 3.06.00.00 | | |
| 1 | Support for Win7 OS for WCDMA and CDMA | |

2.65.2 News Features

None

2.65.3 Known limitations and issues

None.



2.65.4 Driver Version

1. OS: xp, vista32, vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.826 |
| Ewser2k.inf | 2.0.3.826 |
| Ewnet.inf | 1.0.2.904 |
| Ewdcsc.inf | 1.0.0.0 |
| Mod7700.inf | 3.12.0.30 |
| Ewusbdev.inf | 1.0.0.7 |

2. OS: Win 7

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.827 |
| Ewser2k.inf | 2.0.3.827 |
| Ewnet.inf | 6.0.1.255 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.0.7 |

2.66 WinDriver 3.05.00.00

2.66.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 3.05.00.00 | | |
| 1 | Fix the issue that can't use serial port when firmware not support remote wakeup. | |

2.66.2 News Features

None

2.66.3 Known limitations and issues

None.

2.66.4 Driver Version

1. OS: 2000, xp, vista32, vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.826 |
| Ewser2k.inf | 2.0.3.826 |
| Ewnet.inf | 1.0.2.932 |
| Ewdcsc.inf | 1.0.0.0 |
| Mod7700.inf | 3.12.0.30 |
| Ewusbdev.inf | 1.0.02 |



2. OS: Win 7, Win7 64

| | |
|-------------|-----------|
| Ewnet.inf | 6.0.1.253 |
| Ewmdm2k.inf | 2.0.3.827 |
| Ewser2k.inf | 2.0.3.827 |

2.67 WinDriver 3.04.00.00

2.67.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 3.04.00.00 | | |
| 1 | Support for Win7 OS for WCDMA and CDMA | |
| | | |
| | | |
| | | |

2.67.2 News Features

None

2.67.3 Known limitations and issues

None.

2.67.4 Driver Version

OS: xp, vista32, vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.822 |
| Ewser2k.inf | 2.0.3.822 |
| Ewnet.inf | 1.0.2.932 |
| Ewdcsc.inf | 1.0.0.0 |
| Mod7700.inf | 3.12.0.30 |
| Ewusbdev.inf | 1.0.02 |

OS: Win 7

| | |
|-----------|-----------|
| Ewnet.inf | 6.0.1.254 |
|-----------|-----------|



2.68 WinDriver 3.03.00.00

2.68.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|----------------------------------|--------|
| Version: WinDriver 3.03.00.00 | | |
| 1 | Support for Win7 OS for Datacard | |
| 2 | Fix the Ping issue | |
| 3 | Fix the PS only issue | |
| 4 | Add RFswitch indication process | |

2.68.2 News Features

None

2.68.3 Known limitations and issues

None.

2.68.4 Driver Version

1. OS: xp, vista32, vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.822 |
| Ewser2k.inf | 2.0.3.822 |
| Ewnet.inf | 1.0.2.932 |
| Ewdcsc.inf | 1.0.0.0 |
| Mod7700.inf | 3.12.0.30 |
| Ewusbdev.inf | 1.0.02 |

2. OS: Win 7

| | |
|-----------|-----------|
| Ewnet.inf | 6.0.1.253 |
|-----------|-----------|

2.69 WinDriver 3.02.00.00

2.69.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|----------------------------------|--------|
| Version: WinDriver 3.02.00.00 | | |
| 1 | Support for Win7 OS for Datacard | |



2.69.2 News Features

None

2.69.3 Known limitations and issues

None.

2.69.4 Driver Version

1. OS: xp, vista32, vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.822 |
| Ewser2k.inf | 2.0.3.822 |
| Ewnet.inf | 1.0.2.932 |
| Ewdcsc.inf | 1.0.0.0 |
| Mod7700.inf | 3.12.0.30 |
| Ewusbdev.inf | 1.0.02 |

2. OS: Win 7

| | |
|-----------|-----------|
| Ewnet.inf | 6.0.1.247 |
|-----------|-----------|

2.70 WinDriver 3.01.00.00

2.70.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|----------------------------------|--------|
| Version: WinDriver 3.01.00.00 | | |
| 1 | Support for Win7 OS for Datacard | |
| 2 | Add new PID 143C、143D | |

2.70.2 News Features

None

2.70.3 Known limitations and issues

None.

2.70.4 Driver Version

1. OS: xp, vista32, vista64

| | |
|-------------|-----------|
| Ewmdm2k.inf | 2.0.3.822 |
| Ewser2k.inf | 2.0.3.822 |
| Ewnet.inf | 1.0.2.932 |



Ewdcsc.inf 1.0.0.0
Mod7700.inf 3.12.0.30
Ewusbdev.inf 1.0.02

2. OS: Win 7

Ewnet.inf 6.0.1.247

2.71 WinDriver 2.97.00.00

2.71.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 2.97.00.00 | | |
| 01 | Fix the issue that PC required reboot when install drivers. | |

2.71.2 News Features

None

2.71.3 Known limitations and issues

None.

2.71.4 Driver Version

1. OS: xp, vista32, vista64

Ewmdm2k.inf 2.0.3.824
Ewser2k.inf 2.0.3.824
Ewnet.inf 1.0.2.904
Ewdcsc.inf 1.0.0.0
Ewusbdev.inf 1.0.0.7

2.72 WinDriver 2.96.00.00

2.72.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 2.96.00.00 | | |
| 01 | Fix the issue that NDIS can't work properly on Vista sp2. | |
| 02 | Fix the issue that PCUI can't work properly on Vista sp2. | |
| 03 | Fix the BSOD caused by ewusbdev.sys. | |

2.72.2 News Features

None

2.72.3 Known limitations and issues

None.

2.72.4 Driver Version

1. OS: xp, vista32, vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.824 |
| Ewser2k.inf | 2.0.3.824 |
| Ewnet.inf | 1.0.2.904 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.0.6 |

2.73 WinDriver 2.95.00.00

2.73.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--|--------|
| Version: WinDriver 2.95.00.00 | | |
| 01 | Fix the issue that pcst can't support some pid | |
| 02 | Fix the BSOD issue that plug datacard out from PC with not set QCDriverResident. | |
| 03 | Fix the BSOD issue when updata with CDMA datacard. | |
| 04 | Fix the BSOD issue when load driver. | |
| 05 | Excute application which listed in ExcuteList.txt after install and uninstall. | |
| 06 | Add PortIdentify for each port. | |
| 07 | Write the driver's version info in register. | |

2.73.2 News Features

None

2.73.3 Known limitations and issues

None.



2.73.4 Driver Version

1. OS: xp, vista32, vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.823 |
| Ewser2k.inf | 2.0.3.823 |
| Ewnet.inf | 1.0.2.903 |
| Ewdcsc.inf | 1.0.0.0 |
| Ewusbdev.inf | 1.0.0.5 |

2.74 WinDriver 2.94.00.00

2.74.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|---|--------|
| Version: WinDriver 2.94.00.00 | | |
| 01 | Change fake driver's name from "ewusbfake.sys" to "ewusbdev.sys". | |
| 02 | Change friendly name from "3G USB Fake" to "USB Device".. | |
| 03 | Fix the BSOD caused by ewusbfake.sys when PC resume from sleep. | |
| | | |

2.74.2 News Features

None

2.74.3 Known limitations and issues

None.

2.74.4 Driver Version

1. OS: xp, vista32, vista64

| | |
|--------------|-----------|
| Ewmdm2k.inf | 2.0.3.822 |
| Ewser2k.inf | 2.0.3.822 |
| Ewnet.inf | 1.0.2.932 |
| Ewdcsc.inf | 1.0.0.0 |
| Mod7700.inf | 3.12.0.30 |
| Ewusbdev.inf | 1.0.02 |



2.75 Windows Driver 2.93

2.75.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.93 | | |
| 01 | Fix the BSOD issue caused by ewusbfake.sys. | |
| 02 | Add the support for new pid of 14AC,1404,1407,142B,142C. | |
| | | |
| | | |

2.75.2 News Features

None

2.75.3 Known limitations and issues

None.

2.75.4 Driver Version

1. OS: xp, vista32, vista64

| | |
|-------|-----------|
| Modem | 2.0.3.822 |
| COM | 2.0.3.822 |
| NDIS | 1.0.2.932 |
| PCSC | 1.0.0.0 |
| DVB | 3.12.0.30 |

2. OS: xp64

| | |
|-------|-----------|
| Modem | 2.0.3.822 |
| COM | 2.0.3.822 |

2.76 Windows Driver 2.92

2.76.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|---|--------|
| Version: Windows Driver 2.92 | | |
| 01 | Add the new modem link speed for 8200 paltform(14.4M,21.1M,28M,42Mbps). | |
| | Modify the issue that the device does not disappear after | |



| | | |
|--|---|--|
| | removing the data card when uploading and downloading. | |
| | Modify the deleting device policy when uninstalling the driver. It does not check the hardware id one by one, Only check the vid section. If PID=1410, remove it. | |
| | Fix the issue that driver could not install because of could not create the install log. | |
| | Modify the DriverSetup.exe program to return the install result code. | |
| | Add the BT port on 1001,1003,1406,140c,141a,141b,1429. | |
| | Find the oem*.inf when uninstall. | |
| | Support new PNP | |
| | Fix the issue of 633 error | |
| | Fix the bug of mmc when reinstall | |

2.76.2 News Features

None

2.76.3 Known limitations and issues

None.

2.76.4 Driver Version

1. OS: xp, vista32, vista64

| | |
|-------|-----------|
| Modem | 2.0.3.822 |
| COM | 2.0.3.822 |
| NDIS | 1.0.2.922 |
| PCSC | 1.0.0.0 |
| DVB | 3.12.0.30 |

2. OS: xp64

| | |
|-------|-----------|
| Modem | 2.0.3.822 |
| COM | 2.0.3.822 |

2.77 Windows Driver 2.91

2.77.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|------------------------------|--------|
| Version: Windows Driver 2.91 | | |

| | | |
|----|---|--|
| 01 | Add the new modem link speed for 8200 paltform(14.4M,21.1M,28M,42Mbps). | |
| | Modify the issue that the device does not disappear after removing the data card when uploading and downloading. | |
| | Modify the deleteing device policy when uninstalling the driver. It does not check the hardware id one by one, Only chekc the vid section. If PID=1410,remove it. | |
| | Fix the issue that driver could not install because of could not create the install log. | |
| | Modify the DriverSetup.exe program to return the install result code. | |
| | Add the BT port on 1001,1003,1406,140c,141a,141b,1429. | |
| | Find the oem*.inf when uninstall. | |
| | Support new PNP | |
| | Fix the issue of 633 error | |
| | Fix the bug of mmc when reinstall | |

2.77.2 News Features

None

2.77.3 Known limitations and issues

None.

2.77.4 Driver Version

1. OS: xp, vista32, vista64

| | |
|-------|-----------|
| Modem | 2.0.3.822 |
| COM | 2.0.3.822 |
| NDIS | 1.0.2.912 |
| PCSC | 1.0.0.0 |
| DVB | 3.12.0.30 |

2. OS: xp64

| | |
|-------|-----------|
| Modem | 2.0.3.822 |
| COM | 2.0.3.822 |



2.78 Windows Driver 2.90

2.78.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.90 | | |
| 01 | Add the new modem link speed for 8200 paltform(14.4M,21.1M,28M,42Mbps). | |
| | Modify the issue that the device does not disappear after removing the data card when uploading and downloading. | |
| | Modify the deleteing device policy when uninstalling the driver. It does not check the hardware id one by one, Only chekc the vid section. | |
| | Fix the issue that driver could not install because of could not create the install log. | |
| | Modify the DriverSetup.exe program to return the install result code. | |
| | Add the BT port on 1001,1003,1406,140c,141a,141b,1429. | |

2.78.2 News Features

None

2.78.3 Known limitations and issues

None.

2.78.4 Driver Version

1. OS: xp, vista32, vista64

| | |
|-------|-----------|
| Modem | 2.0.3.821 |
| COM | 2.0.3.821 |
| NDIS | 1.0.2.902 |
| PCSC | 1.0.0.0 |
| DVB | 3.12.0.30 |

2. OS: xp64

| | |
|-------|-----------|
| Modem | 2.0.3.821 |
| COM | 2.0.3.821 |



2.79 Windows Driver 2.89

2.79.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.89 | | |
| 01 | Fix the BSOD issue caused by ewusbmdm when run logo test. | |
| 02 | Fix the issue that the installation take mach time in vista. | |
| 03 | Add the support for winxp 64. | |

2.79.2 News Features

None

2.79.3 Known limitations and issues

None.

2.79.4 Driver Version

| | |
|-------|-----------|
| Modem | 2.0.3.820 |
| NDIS | 1.0.2.902 |
| PCSC | 1.0.0.0 |
| DVB | 3.12.0.30 |

2.80 Windows Driver 2.88

2.80.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|---|--------|
| Version: Windows Driver 2.88 | | |
| 1 | Remove the XP64 driver directory. | |
| 2 | Remove the version info in the setup log. | |

2.80.2 News Features

None

2.80.3 Known limitations and issues

None.



2.80.4 Driver Version

| | |
|-------|-----------|
| Modem | 2.0.3.819 |
| NDIS | 1.0.2.902 |
| PCSC | 1.0.0.0 |
| DVB | 3.12.0.30 |

2.81 Windows Driver 2.87

2.81.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|---|--------|
| Version: Windows Driver 2.87 | | |
| 1 | Fix the issue that modem interface could load driver in xp64. | |

2.81.2 News Features

None

2.81.3 Known limitations and issues

None.

2.82 Windows Driver 2.86

2.82.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.86 | | |
| 1 | Add the support for winxp 64. | |
| 2 | Remove the Win2K directory because it is reduplicate with the winXp directory. | |
| 3 | Support the random MAC address in ndis. | |

2.82.2 News Features

None

2.82.3 Known limitations and issues

None



2.83 Windows Driver 2.85

2.83.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.85 | | |
| 1 | remove the ewusbnet driver | |
| 2 | fix the BSOD issue caused by pc voice on win2k. | |
| 3 | fix the issue that the registry info could not be deleted on some PID, such as 140b, 140c. | |

2.83.2 News Features

None

2.83.3 Known limitations and issues

None.

2.84 Windows Driver 2.84

2.84.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|---|--------|
| Version: Windows Driver 2.84 | | |
| 1 | Add the new pid(1428) for mouse modem. | |
| 2 | Fix the issue that driver does not send the blank packet when the pack size is multiple of the pipe's max size. | |
| 3 | Add the support of connect speed display in the modem's inf file. | |
| 4 | Move the ndis driver to the new base line 1029 of qualcomm. | |
| 5 | Fix the mac address, the original is belong to qualcomm. | |
| 6 | Remove the ewusbfake driver | |

2.84.2 News Features

None



2.84.3 Known limitations and issues

None.

2.85 Windows Driver 2.83

2.85.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.83 | | |
| 1 | Modify the file version of ewusbmdm.sys. | |

2.85.2 News Features

None

2.85.3 Known limitations and issues

None.

2.86 Windows Driver 2.82

2.86.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|---|--------|
| Version: Windows Driver 2.82 | | |
| 1 | Add PC Voice port on PID 1001. | |
| 2 | Delete the 3G characters on PID 140B. | |
| 3 | Fix the issue that driver uninstall will delete the single cdrom. | |
| 4 | Add a new PID to support NDIS without cdrom. | |
| 5 | Fix the issue data card forbid PC to go to sleep. | |

2.86.2 News Features

None

2.86.3 Known limitations and issues

None.



2.87 Windows Driver 2.81

2.87.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.81 | | |
| 01 | Use the new baseline of Qualcomm 2050. | |

2.87.2 News Features

None

2.87.3 Known limitations and issues

None.

2.88 Windows Driver 2.78

2.88.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|---|--------|
| Version: Windows Driver 2.78 | | |
| 01 | Resolve the disappear of CDROM when reinstall | |

2.88.2 News Features

None

2.88.3 Known limitations and issues

None.

2.89 Windows Driver 2.77

2.89.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-------------------------------|--------------------------------|--------|
| Version: Windows Driver 2.762 | | |
| 01 | Fix the issue of multi-upgrade | Fixed |



2.89.2 News Features

None

2.89.3 Known limitations and issues

None.

2.90 Windows Driver 2.76

2.90.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.76 | | |
| 01 | Add the DVB driver. | Added |
| 02 | Add the support for NDIS of PID 1405 on vista64. | Fixed |

2.90.2 News Features

None

2.90.3 Known limitations and issues

None.

2.91 Windows Driver 2.75

2.91.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.75 | | |
| 01 | Resolve the compatibility with eset nod 32 | |

2.91.2 News Features

None

2.91.3 Known limitations and issues

None.



2.92 Windows Driver 2.72

2.92.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|---|--------|
| Version: Windows Driver 2.72 | | |
| 01 | Add the support for new PID of 1411,1412,1413,1414,1415,1416. | Added |
| 02 | Modify the BSOD issue when remove the device or the device reset | Fixed |
| 03 | Integrate the DVB driver. | Added |
| 04 | Add a single new driver to send the rewind' command. | Added |
| 05 | Modify the issue that error will occur when the device send a short packet. | Fixed |

2.92.2 News Features

None

2.92.3 Known limitations and issues

None.

2.93 Windows Driver 2.71

2.93.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|---|--------|
| Version: Windows Driver 2.70 | | |
| 01 | Add a SCSI command in the driver for the new PNP case. | Fixed |
| 02 | Modify the issue that the rewind' command can't be sent because of the PID error in the INF file. | Fixed |

2.93.2 News Features

None

2.93.3 Known limitations and issues

None.



2.94 Windows Driver 2.70

2.94.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.70 | | |
| 01 | Add a SCSI command in the driver for the new PNP case. | Fixed |

2.94.2 News Features

None

2.94.3 Known limitations and issues

None.

2.95 Windows Driver 2.68

2.95.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.68 | | |
| 01 | Fixed the bug that the device in the device manager does not disappear sometimes in windows 2000, if yank the data card with connecting in NDIS. | Fixed |

2.95.2 News Features

None

2.95.3 Known limitations and issues

None.

2.96 Windows Driver 2.66

2.96.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|---|--------|
| Version: Windows Driver 2.68 | | |
| 01 | Fixed the bug that the device could not be used awaking | Fixed |



| | | |
|--|------------------------|--|
| | from standby or sleep. | |
|--|------------------------|--|

2.96.2 News Features

None

2.96.3 Known limitations and issues

None.

2.97 Windows Driver 2.64

2.97.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|---|--------|
| Version: Windows Driver 2.64 | | |
| 01 | Add the support for PID 1403, 1405, 1406, 1408. | Fixed |

2.97.2 News Features

None

2.97.3 Known limitations and issues

None.

2.98 Windows Driver 2.63

2.98.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.63 | | |
| 01 | Fixed the bug that plugging datacard would cause a BSOD while using VMC. | Fixed |

2.98.2 News Features

None

2.98.3 Known limitations and issues

None.



2.99 Windows Driver 2.62

2.99.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.62 | | |
| 01 | Resolve the problem that the uploading speed is unstable in HSUPA. | Fixed |

2.99.2 News Features

None

2.99.3 Known limitations and issues

None.

2.100 Windows Driver 2.61

2.100.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.61 | | |
| 01 | Fixed the bug that could cause Windows DUN keeping in the status of disconnecting when try to disconnect DUN in Windows 2000 after uploading for a while | Fixed |

2.100.2 News Features

None

2.100.3 Known limitations and issues

None.

2.101 Windows Driver 2.60

2.101.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|------------------------------|--------|
| Version: Windows Driver 2.60 | | |



| | | |
|----|--|-------|
| 01 | Fixed the bug that could cause Windows DUN keeping in the status of disconnecting when try to disconnect DUN in Windows 2000 after uploading for a while | Fixed |
| 02 | Fixed the bug that would cause a BSD after insert datacard in Windows Vista | Fixed |
| 03 | Fixed the bug that using VMC Lite to dial will cause a BSD in Windows 2000 | Fixed |

2.101.2 News Features

None

2.101.3 Known limitations and issues

None.

2.102 Windows Driver 2.51

2.102.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|--|--------|
| Version: Windows Driver 2.51 | | |
| 01 | Fixed the issue that may cause BSOD for the unsuitable using of NDIS_PAGEABLE_FUNCTION | Fixed |
| 02 | Fixed the issue that may stop downloading in Windows 2000 for the lack of Rx buffer | Fixed |

2.102.2 News Features

None

2.102.3 Known limitations and issues

None.

2.103 Windows Driver 2.43

2.103.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|------------------------------|------------------------------|--------|
| Version: Windows Driver 2.43 | | |



| | | |
|----|--|-------|
| 01 | Fixed the bug that could cause Windows DUN keeping in the status of disconnecting when try to disconnect DUN | Fixed |
|----|--|-------|

2.103.2 News Features

None

2.103.3 Known limitations and issues

None

2.104 Windows Driver 2.4

2.104.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-----------------------------|--|--------|
| Version: Windows Driver 2.4 | | |
| 01 | Fixed the bug which would hang the driver when write the packet which the size is the multiple of 64 bytes | Fixed |
| 02 | Fixed the issue that would effect the update wizard when transfer more than 4K packet in Windows 2000 | Fixed |
| 03 | Can't upload a big file | Fixed |
| 04 | Quering the status of modem will freeze the system | Fixed |
| 05 | Installing and uninstalling driver will cause BSD | Fixed |
| 06 | Don't try to delete infcache.1 file in windows OS | Fixed |

2.104.2 News Features

None

2.104.3 Known limitations and issues

None.

2.105 Windows Driver 2.4

2.105.1 Improvement from the previous version

| No. | Brief description of problem | Remark |
|-----|------------------------------|--------|
|-----|------------------------------|--------|



| | | |
|-----------------------------|--|-------|
| Version: Windows Driver 2.4 | | |
| 01 | Fixed the bug which would hang the driver when write the packet which the size is the multiple of 64 bytes | Fixed |
| 02 | Fixed the issue that would effect the update wizard when transfer more than 4K packet in Windows 2000 | Fixed |
| 03 | Can't upload a big file | Fixed |
| 04 | Quering the status of modem will freeze the system | Fixed |
| 05 | Installing and uninstalling driver will cause BSD | Fixed |
| 06 | Don't try to delete infcache.1 file in windows OS | Fixed |

2.105.2 News Features

None

2.105.3 Known limitations and issues

None.