OnCell Windows Driver Manager (WHQL certified) Release Notes

<table>
<thead>
<tr>
<th>Version: v1.19</th>
<th>Build: Build 18081311</th>
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<td>Release Date: Jul 31, 2016</td>
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</table>

### Applicable Products

### Supported Operating Systems

### New Features

### Enhancements
- Upgraded OpenSSL Library.

### Bugs Fixed
- Network timeout issue in NPort Windows Driver Manager.
- When using the NPort 6000 in high security mode in Windows 10, may not be able to open ports.
- TCP port 60950 and 60966 are occupied even when not in use.
- BSOD that occurs when driver cancels pending IRPs.

### Changes

### Notes
- This version is divided into two separate drivers (v2.0 and v3.0) to support different Windows platforms; v3.0 supports Windows 7/8/8.1/10 and Windows Server 2008 R2/2012/2012 R2, v2.0 supports Windows 95/98/ME/NT/XP/Vista and Windows Server 2003/2008.
- Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus, WE-2100T
- Support CN2504, CN2508, CN2516
- Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
- Support MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK
Version: v1.18          Build: Build 15022515
Release Date: N/A

Applicable Products
General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

Supported Operating Systems

New Features
• Added new function: Ignore TX Purge.

Enhancements
N/A

Bugs Fixed
• Utility would show a warning message "duplicate IP" after searching for devices with different IPs on an IPv6 only PC.
• In Windows XP, mapping ports are deleted even before confirming the uninstall process of the utility.
• In Windows 7, the mapping ports don’t get deleted even after the utility is uninstalled.
• The import function shows the wrong warning message when the import file has COM numbers which have already been mapped.
• Utility will show a warning message when importing an import file that contains COM numbers that already exist.
• NPort Windows Driver Manager maps COM ports that overlap with the MSB COM port when the manager is opened before installing the MSB driver.

Changes
N/A

Notes
• Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus, WE-2100T
• Support CN2504, CN2508, CN2516
• Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
• Support MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK
Applicable Products
General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

Supported Operating Systems

New Features
• Supports Windows 8.
• Supports Windows 2012.
• Reverse Real COM mode supports "Always accept open requests".
• Supports NPort 5150AI-M12/5250AI-M12/5250AI-M12.

Enhancements
• Allowed changing the waiting time in run-time when user closes a port which contains queuing data.

Bugs Fixed
• Found no module name device when searching for NPort.
• NPort Windows Driver Manager could not add ports under Windows NT.
• In classic mode, if data cannot be written and a timeout occurs, the driver may return a successful result to the application.
• COM port mapping fails on Windows 2012.
• Unable to select an IPv6 interface from the IPv6 settings page.
• Unable to change setting of "Drop writing data".
• Failed to map COMs with Reverse Real COM mode after importing a configuration in Driver Manager.
• User could remove a mapping port even if the port was still in use.

Changes
N/A

Notes
• Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus, WE-2100T
• Support CN2504, CN2508, CN2516
• Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
• Support MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK
Applicable Products
General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

Supported Operating Systems

New Features
• Supports NPort W2150A/W2250A.

Enhancements
N/A

Bugs Fixed
• Search termination problem when the reply content is incorrect.

Changes
N/A

Notes
• Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus, WE-2100T
• Support CN2504, CN2508, CN2516
• Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
• Support MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK
### Version: v1.15  |  Build: Build 12030812
### Release Date: N/A

#### Applicable Products
- General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

#### Supported Operating Systems

#### New Features
- Supports MiiNePort E1/E1-H/E2/E2-H SDK.
- Supports MiiNePort W1.
- Supports MiiNePort E3, E3-H.
- Supports NPort P5150A.
- Supports new option: "Always Accept Open Requests" without queue data.
- Supports removing the "inf" files created by the uninstaller utility.

#### Enhancements
- N/A

#### Bugs Fixed
- Driver cannot detect TCP connection loss when an NPort powers off for a while under Windows 7.
- Port will crash when the user opens an NPort with a baudrate that is more than the NPort can support.
- Driver will turn off the modem status when an NPort powers off.
- Driver causes a system BSOD when opening and closing repeatedly under Windows Server 2008 R2.
- Memory fault issue when mapping port numbers for more than 512 ports and modifying the port settings.

#### Changes
- N/A

#### Notes
- Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus, WE-2100T
- Support CN2504, CN2508, CN2516
- Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
- Support MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK
Applicable Products
General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

Supported Operating Systems

New Features
• Supports NPort S8458-4S-SC-T.
• Supports NPort 5600 DTL series.
• NPort driver will allow COM ports to be opened on the system even if the port is blocked or if the Ethernet connection is disabled.

Enhancements
N/A

Bugs Fixed
• DE-2XX and DE-3XX Series cannot be searched for if the number of devices is more than four.
• NPort devices cannot be found by utility through a wireless network adapter under Windows Vista/7.
• Driver causes a system BSOD by writing to an invalid memory location under Windows Server 2008 64-bit.
• The application will not work properly when logging in as a standard user in a Windows Vista/7 environment. This version will prompt the user to change to an account with administrator rights.

Changes
N/A

Notes
• Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus, WE-2100T
• Support CN2504, CN2508, CN2516
• Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
Applicable Products
General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

Supported Operating Systems

New Features
• Supports NPort 5110A, 5130A, 5150A.
• Supports NPort 5210A, 5230A, 5250A.
• Supports NPort IA5450A, IA5450AI, IA5150A, IA5150AI, IA5250A, IA5250AI.
• Supports MiiNePort E1-P, E1-H, E2, E2-H.

Enhancements
N/A

Bugs Fixed
N/A

Changes
N/A

Notes
• Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus, WE-2100T
• Support CN2504, CN2508, CN2516
• Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
**Applicable Products**
General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

**Supported Operating Systems**

**New Features**
N/A

**Enhancements**
N/A

**Bugs Fixed**
- Driver disconnection problem when NPort loses its network connection.
- Driver connection problem after hibernation.

**Changes**
N/A

**Notes**
- Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus, WE-2100T
- Support CN2504, CN2508, CN2516
- Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
Version: v1.11          Build: Build 09100717
Release Date: N/A

Applicable Products
General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

Supported Operating Systems

New Features
• Supports Windows Server 2008 R2.
• Supports Windows 7.

Enhancements
• Improved the latency performance.

Bugs Fixed
• Shortened the COM port adding time.

Changes
N/A

Notes
• Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus, WE-2100T
• Support CN2504, CN2508, CN2516
• Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
**Applicable Products**
General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

**Supported Operating Systems**

**New Features**
- Supports MiiNePort E1.
- Supports NPort IA-5250I.
- The main utility adds reading "-f" parameter for new COM port list.

**Enhancements**
N/A

**Bugs Fixed**
- Handle count problem of service.

**Changes**
N/A

**Notes**
- Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus
- Support CN2504, CN2508, CN2516
- Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
**Supported Operating Systems**

**Applicable Products**

**New Features**
- Supports NPort S8000 Series.

**Enhancements**
N/A

**Bugs Fixed**
- Program delay bug when user has two Ethernet cards on their PC.
- Read timeout problem of driver.
- Timer problem in application.
- Write timeout problem in driver.
- Flush bug in driver.

**Changes**
N/A

**Notes**
- Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus, WE-2100T
- Support CN2504, CN2508, CN2516
- Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
Applicable Products

Supported Operating Systems

New Features
• Supports IPv6.
• Supports Windows Server 2008.
• Supports Reverse Real COM function.
• Windows XP/2003/Vista/2008 x86 WHQL Certified.
• Windows XP/2003/Vista/2008 x64 WHQL Certified.

Enhancements
N/A

Bugs Fixed
N/A

Changes
N/A

Notes
• Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus, WE-2100T
• Support CN2504, CN2508, CN2516
• Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
Applicable Products

Supported Operating Systems

New Features
• Supports CN2650 Series.
• Supports CN2600-2AC Series.

Enhancements
N/A

Bugs Fixed
N/A

Changes
N/A

Notes
• Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus, WE-2100T
• Support CN2504, CN2508, CN2516
• Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
Supported Operating Systems

New Features
• Supports Redundant COM.
• Supports up to 4096 COM ports.
• Windows XP/2003/Vista x86 WHQL Certified.
• Windows XP/2003/Vista x64 WHQL Certified.

Enhancements
N/A

Bugs Fixed
N/A

Changes
N/A

Notes
• Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus, WE-2100T
• Support CN2504, CN2508, CN2516
• Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
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**Applicable Products**

**Supported Operating Systems**

**New Features**
- Supports FQDN function.

**Enhancements**
N/A

**Bugs Fixed**
N/A

**Changes**
N/A

**Notes**
- Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus
- Support CN2504, CN2508, CN2516
- Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
Supported Operating Systems

Applicable Products

New Features
• Supports Windows Vista x86/x64.
• Supports NPort 6610-8, 6610-16, 6610-32, 6650-32.

Enhancements
N/A

Bugs Fixed
N/A

Changes
N/A

Notes
• Support NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus, NPort W2250 Plus
• Support CN2504, CN2508, CN2516
• Support NE4100T-CMD, NE4110A-CMD, NE4110S-CMD, NE4120A-CMD, NE4120S-CMD
**Applicable Products**

**Supported Operating Systems**

**New Features**
N/A

**Enhancements**
N/A

**Bugs Fixed**
- Fixed sorting of "COM Port" and "IP Address" columns in NPort Driver Manager.
- Fixed read data lost.

**Changes**
- Changed default value of "Network Timeout" to 5000 ms, and its range to 500 ms - 20 sec.

**Notes**
- Support NPort W2004, NPort W2150, NPort W2250
- Support CN2504, CN2508, CN2516
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<td>Release Date: N/A</td>
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**Applicable Products**

**Supported Operating Systems**

**New Features**
- Added security option into Windows 2000/XP/2003 driver for NPort 6000.

**Enhancements**
N/A

**Bugs Fixed**
N/A

**Changes**
N/A

**Notes**
- Support NPort W2004, NPort W2150, NPort W2250
- Support CN2504, CN2508, CN2516
Applicable Products
General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

Supported Operating Systems

New Features
• Supports NPort IA Series.
• Supports Windows x64.

Enhancements
N/A

Bugs Fixed
• Driver Manager incorrectly detected new COM ports after COM ports were removed.

Changes
N/A

Notes
• Support NPort W2004, NPort W2150, NPort W2250
• Support CN2504, CN2508, CN2516
<table>
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**New Features**

- First release.

**Enhancements**

N/A

**Bugs Fixed**

N/A

**Changes**

N/A

**Notes**

- Support NPort W2004, NPort W2150, NPort W2250