Firmware for OnCell 5104-HSPA Series Release Notes

**Version:** v1.6  **Build:** Build_17062313
**Release Date:** Dec 14, 2017

### Applicable Products
OnCell 5104-HSPA, OnCell 5104-HSPA-T

### Supported Operating Systems
N/A

### New Features
- Adds lock out account mechanism to protect against repeated login fail attempts.

### Enhancements
- Improves the cellular connection mechanism.
- Adds a path to upgrade the cellular module firmware.
- New Web cookie to avoid CSRF attack.
- Increases the Web login cookie length and components for increased login security.

### Bugs Fixed
- Invalid HTTP packets cause device reboot.

### Changes
- User web UI login time out (5 minutes).

### Notes
N/A
Applicable Products
OnCell 5104-HSPA, OnCell 5104-HSPA-T

Supported Operating Systems
N/A

New Features
• Supports import and export encryption of configuration.
• Supports RSSI and cellular mode report in OnCell Central Manager.

Enhancements
• Increases the system log size from 512 to 2048.
• Changes to prevent javaScript injection attack.
• Enables the default login password.

Bugs Fixed
• HTTPS fails in Chrome browser.
• When VPN is triggered by a packet, it could get disconnected in 30 seconds.
• DDNS update could fail in dyndns.

Changes
• Corrects time zone setting for Caracas, Santiago, and Colombo.
• GuaranLink alive check before timeout.
• Modifies the NAT rule (If the client’s outgoing source port matches the internal port, the port will be change to a public port).

Notes
N/A
Version: v1.3
Build: Build 15060714
Release Date: N/A

**Applicable Products**
OnCell 5104-HSPA, OnCell 5104-HSPA-T

**Supported Operating Systems**
N/A

**New Features**
• OnCell can upgrade cellular module protocol from specified web page.

**Enhancements**
N/A

**Bugs Fixed**
• After the OnCell device operates for a period of time, the cellular module fails and results in the device to continuously loop on a specific cellular carrier.

**Changes**
N/A

**Notes**
N/A
**Applicable Products**
OnCell 5104-HSPA, OnCell 5104-HSPA-T

**Supported Operating Systems**
N/A

**New Features**
- Supports NO-IP for DDNS.
- Increases the virtual server number from 8 to 16.

**Enhancements**
N/A

**Bugs Fixed**
- When the SMS PDU format sender number is alphanumeric, SMS PDU exception occurs.
- LAN port's connection to a switch might fail on cold start.
- Avoid cellular status 0002 block.

**Changes**
N/A

**Notes**
N/A
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**Applicable Products**
OnCell 5104-HSPA, OnCell 5104-HSPA-T

**Supported Operating Systems**
N/A

**New Features**
- Cellular module initial timing.

**Enhancements**
N/A

**Bugs Fixed**
- TCP port number 8000 communication fail issue.
- SMS PDU format without compression issue.
- SMS PDU alphabet receive issue.

**Changes**
N/A

**Notes**
N/A
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**Applicable Products**
OnCell 5104-HSPA, OnCell 5104-HSPA-T

**Supported Operating Systems**
N/A

**New Features**
- First release.

**Enhancements**
N/A

**Bugs Fixed**
N/A

**Changes**
N/A

**Notes**
N/A