

American Power Conversion  
Perimeter Series InRoom(TM) C7000  
www.apc.com  
Release Notes (990-9459)

Released: September 18, 2009

Affected Revision Levels:

apc_hw02_aos_361.bin	Network Management Card Operating System & TCP/IP Stack
apc_hw02_c7k_356.bin	InRoom C7000 Application
powernet398.mib	PowerNet(R) SNMP Management Information Base (MIB)

For details on upgrading the InRoom C7000 air conditioner's firmware, see the InfraStruXure InRoom C7000 Controller Manual (990-3304), available from the InRoom C7000 product page of the APC Web site, [www.apc.com](http://www.apc.com).

APC Device IP Configuration Wizard v3.0.1

The Wizard is a Windows application designed specifically to configure the basic TCP/IP settings of Network Management Cards remotely or serially. The Wizard runs on Windows(R) 2000, Windows 2003, and Windows XP workstations. The Wizard is available as a free download from the APC Web site, [www.apc.com](http://www.apc.com). On the Web site, search by part number SFDIPW301 to find the downloadable file.

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## 1.0 OS & TCP/IP Stack Modifications (apc\_hw02\_aos\_361.bin)

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### 1.1 COMPATIBILITY

- apc\_hw02\_c7k\_356.bin                      InRoom C7000 Application

### 1.2 KNOWN ISSUES IN THIS VERSION

- Reported Anomaly: SSH disclaimer does not appear when switching console modes (Telnet to SSH) without logging off.  
Disposition: Fix is planned for future release.

### 1.3 NEW FEATURES & ENHANCEMENTS

- None.

### 1.4 BUGS FIXED IN THIS VERSION

990-9459.txt

- Timezone values were normalized between the Network Management Card and InfraStruXure Manager in order to prevent errors which previously occurred when attempting to set the time zone of the NMC through InfraStruXure Manager.
- Handling of DNS Lookup for MX records was improved to avoid a stack failure error.

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## 2.0 InRoom C7000 Application (apc\_hw02\_c7k\_356.bin)

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### 2.1 COMPATIBILITY

- apc\_hw02\_aos\_361.bin NMC OS & TCP/IP Stack
- powernet398.mib(or greater) PowerNet(R) SNMP Management Information Base (MIB)

### 2.2 KNOWN ISSUES IN THIS VERSION

- Reported Anomaly: The SNMP table `airIRmAlarmsTable` does not get populated with active alarms. Active alarms can be determined via SNMP by examining the OIDs subordinate to the `airIRmPmAlarmBits` OID.  
Disposition: Fix is planned for future release.
- Reported Anomaly: When logging out of the Data Logging pages through InfraStruXure Manager, the NMC Web Logout page remains open.  
Disposition: Fix is planned for future release.
- Reported Anomaly: In yet to be determined scenarios, the data log will stop rotating data to the configured FTP server and will effectively stop logging new data.  
Disposition: Fix is planned for future release.
- Reported Anomaly: When using InfraStruXure Manager, the recommended actions for some alarms refer to web pages that are not present in the current web user interface.  
Disposition: Fix is planned for future release.
- Reported Anomaly: Network Management Card firmware upgrade cannot be performed via XMODEM on console port. Network Management Card firmware can only be updated via FTP.  
Disposition: Fix is planned for future release.

### 2.3 NEW FEATURES & ENHANCEMENTS

- Expanded the set of diagnostic and configuration data being reported in the web and SNMP interfaces.
- Added Network Management Card configuration via user configuration file.
- Added APC remote monitoring functionality.
- Added data logging functionality.

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## 3.0 APC Device IP Configuration Wizard v3.0.1

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### 3.1 COMPATIBILITY

- AP9617/AP9618/AP9619 apc\_hw02\_aos\_302.bin and prior Network Management Card OS & TCP/IP Stack

### 3.2 KNOWN ISSUES IN THIS VERSION

990-9459.txt

- Reported Anomaly: The installation process, help document, and Device IP Configuration Wizard have some minor aesthetic issues. Disposition: A fix is planned for a future release.

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#### 4.0 Miscellaneous

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##### 4.1 RECOVERING FROM A LOST PASSWORD

- See the InfraStruXure InRoom C7000 Controller Manual, available from the InfraStruXure InRoom C7000 product page on the APC Web site, for instructions on how to recover from a lost password.

##### 4.2 POWERNET MIB REFERENCE GUIDE

- The MIB Reference Guide, available on the APC Web site ([www.apc.com](http://www.apc.com)), explains the structure of the MIB, types of OIDs, trap severity levels, and the procedure for defining trap receivers. For information on specific OIDs, use a MIB browser to view their definitions and available values directly from the MIB itself. You can view the definitions of traps at the end of the MIB itself (the file `powernet398.mib`, available on the APC Web site, [www.apc.com](http://www.apc.com)).