



PRODUCT CHANGE NOTICE

JULY 23, 2009

Notification Number	09-00113
Change Subject	Promentum® ATCA Software Release 3.5.0
Key Milestone	Affected products are expected to begin shipping with new software release on or by August 31, 2009

Change Description

ATCA release 3.5.0 is a follow-on release to ATCA 3.4.0 (January 2009), offering new ATCA products, features, and resolutions to defects that impacted system usability.

Release 3.5.0 introduces two new Promentum products, the SYS-6002 2-slot ATCA Platform and the ATCA-5014 Shelf Peripheral Module. Other updates include:

- ATCA-6006 shelf alarm panel (SAP) firmware update.
- BIOS update for the COM Express module to accommodate the new G0 step of the L7400 Merom CPU.
- New FPGA updates for the ATCA-2210 SCM, ATCA-4310 CPM, and ATCA-5010 SPM provide support for extraction-less upgrades.
- This update also resolves a number of defects.

Customer Impact & Recommended Action

RadiSys recommends that customers upgrade to the latest software release to take advantage of newly resolved issues and feature enhancements. RadiSys encourages customers to review the Promentum Software 3.5.0 Release Notes for a complete list of resolved issues, feature updates, and product introductions. The release notes and complete upgrade (iso) image are available at www.radisys.com (Go to *Our Products - ATCA - ATCA Systems - SYS-6010 - Support Downloads*).



Product Families Affected

NOTE: A red asterisk (*) indicates new or updated since ATCA 3.4.0.

Product	Update bundle	FW/SW supported by <i>rsys-update</i>	Other FW/SW
ATCA-1200 AMC Carrier	1.11.28-1* (Includes BSP SW for AMC-7211 and AMC-7212)	IPMC FW: 1.03*, BB: 1.02 FRU: 0.11 IPMC FPGA: 3.07 LMP SW: 1.11.28*	N/A
ATCA-1200 RTM	N/A	N/A	FW: 1.02 (non-HPM.1 compliant) 2.02 (HPM.1 compliant) FRU: 1.01
ATCA-2210 SCM	1.11.30-0* (Includes FW for ATCA-5010 and ATCA-5014 SPMs)	IPMC FW: 5.65*, BB: 1.02 FRU: 1.02 IPMC FPGA: 2.51* LMP SW: 1.11.30*	N/A
CES3100 COM Express module	N/A	N/A	IPMC FRU: 1.01 BIOS: 7.03.43* BB: 3.11.00* CPLD: 0926 EEPROM: 0910 SAS: 0910
ATCA-4300 CPM	2.3.13.3-3*	IPMC FW: 1.20*, BB: 1.02 FRU: 0.09 IPMC FPGA: 3.27 Fawkes FPGA: Rev 0x70 BIOS: 1.00.78*, BB: 0.00.19 MAC EEPROMS Front: 0x05 Base: 0x07 Fabric: 0x0E	N/A
Peso-A	N/A	N/A	01.15.00.00 6.08.04.00 w/1.15.0.0
ATCA-4300 RTM	N/A	FRU: cpm3rtm_rs_frud_00_02	FRU: 0.02
ATCA-4310 CPM (Use with ATCA-4300 RTM and Peso-A)	2.3.13.3-4*	IPMC FW: 1.18*, BB: 1.02 FRU: cpm3-10G_rs_frud_00_06 IPMC FPGA: 3.28* Fawkes FPGA: Rev 0x70 BIOS: 1.00.78*, BB: 0.00.19 MAC EEPROMS Front: 0x05 Base: 0x07 Fabric: 0x03	N/A



RadiSys LSP: RHEL4 for CPMs and CES3100	N/A	N/A	2.3.13-1*
RadiSys LSP: Wind River PNE-LE 1.4 for CPMs and CES3100	N/A	N/A	2.3.13-1*
RadiSys LSP: MontaVista CGE 5.0.0 for CPMs and CES3100	N/A	N/A	2.3.13-1*
MPCBL0050 SBC	N/A	N/A	BIOS: 1.06.03* FW: 1.05.08*
MPCBL0050 RTM	N/A	N/A	FW: 1.05.06*
ATCA-5010 SPM	ATCA-2210 Bundle: 1.11.30-0*	IPMC FW: 1.31*, BB: 1.02 FRU: ATCA-5010_FRU_v01_02 IPMC FPGA: 2.08*	N/A
ATCA-5014 SPM (New)	ATCA-2210 Bundle: 1.11.30-0	IPMC FW: 1.01, BB: 1.02 FRU: ATCA-5014_FRU_v00_01 IPMC FPGA: 2.08	RTM FRU: v1.00
ATCA-6000 12U Shelf			
PEMs	N/A	N/A	00.98
Display Board	N/A	N/A	N/A
Rittal-Fans	N/A	N/A	00.97
Shelf FRU	N/A	N/A	FRU v1.05
ATCA-6002 2U Shelf (New)			
Shelf FRU	N/A	N/A	FRU v1.00
ATCA-6006 5U Shelf			
PEMs	N/A	N/A	1.5.1 build 4321 (1.51)
Rittal-Fans	N/A	N/A	1.5.1 build 4316 (1.51)
Alarm IO Board	N/A	N/A	1.5.1 build 4335 (1.51)*
Shelf FRU	N/A	N/A	FRU v1.03
ATCA-6014 and ATCA-6016 13U Shelves			
RCM	N/A	N/A	U-Boot: 63998 07455 Kernel: 63998 07455 RFS: 63998 07455 FW 2.5.2 (2.52)
Shelf FRU	N/A	FRU v1.02	FRU v1.03
ATCA-7220 PPM	1.11.28-2*	IPMC FW: 1.04*, BB: 1.02 FRU: 0.05 IPMC FPGA: 3.07 LMP SW: 1.11.28* DPB BSP: 1.4.25*, FPGA: 010f000d	N/A



ATCA-9100 MRM-F and ATCA-9100 MRM-TI	1.11.28-2*	IPMC FW: 1.02*, BB: 1.02 FRU: 0.04 IPMC FPGA: 3.08 LMP SW: 1.11.28*	N/A
AMC-3201 SATA AMC AMC-3202 SAS AMC AMC-3203 SSD AMC	N/A	N/A	1.10 (non-HPM.1 compliant) 2.10 (HPM.1 compliant) FRU v1.01
AMC-7211 BSP AMC-7212 BSP	Supported by carrier bundles: ATCA-4300 Bundle: 2.3.13.3-3 ATCA-4310 Bundle: 2.3.13.3-4 ATCA-1200 Bundle: 1.11.28-1	AMC BSP and host support: 1.4.25 AMC-7212: 1.07* (non-HPM.1 compliant) 2.07* (HPM.1 compliant) FRU 1.01* BSP - 1.4.25*	AMC-7211: 1.07* (non-HPM.1 compliant) 2.07* (HPM.1 compliant) FRU 1.01* BSP - 1.4.25*
HPI Client Library	N/A	N/A	1.5.3-1
ipmitool (newcore)	N/A	N/A	1.8.9 r2.22 (RPM-222) 1.8.9 (RadiSys build 2.22)
AMC updates under Linux upgradefw rmcpta	N/A	N/A	v1.03 RadiSys build 1.20
frugen.pl	N/A	N/A	1.07
frutool	N/A	N/A	1.00
fru_update	N/A	N/A	1.00

Revision Table

Date	PCN Revision	Change History
7/23/2009	v1.0	Initial Release

If you have questions or concerns with the content of this change notice, please contact the RadiSys Representative(s) for your geographic location or you can visit www.radisys.com and go to "Contact Us", which provides a complete list of RadiSys Global Sales Offices and Channel Partners.