Proware Technology Corp.
Technical Support Team
Firmware Release Notes

Model: FC4G to SATA-2 42 CHL. (S/D) (PPC 440e)
For: EP-4429(S/D)-F4A3 Series.

Important Notes:
1. **Firmware version before 1.21: *** Please upgrade prerequisites firmware 1.21 for Controller (EP901045) first. *****
2. **Please upgrade firmware for "Controller", "Expander" and "Bottom Board Expander".**
3. **Please upgrade proSES-II firmware via RS-232.**
4. **Please install new version of proRAIDManager.**

A. Controller (EP901045)
=== Prerequisites firmware 1.21 ===

1.31 (03/18/2009)	
Release Date	March 20, 2009
New	1. Reset counters button to FC Port Statistics screen. 2. Node name same / diff dropdown to Port Setup screen. 3. Ability to use '!'s' in LV names.
Fixed	1. Fixed RAID ownership screen displays N/A if invalid preferred owner is specified. 2. Fixed preventing some causes of broken pipe errors. 3. Fixed memory leak in web GUI code. 4. Fixed cache issue for random reads. 5. Fixed valid product names for upgrading expander firmware. 6. Flash writing improvements to prevent board resets caused by configuration changes. 7. Fixed browser timeouts in some web GUI.

B. Expander (EP901060)

0407	
Release Date	March 20, 2009
Fixed	1. Improve SATA flow control behaviors, those externs functions were inline and speed optimization.

C. Bottom Board Expander (EP914242)

111	
Release Date	**November 28, 2008**

D. proSES-II (EP95601)(SES2)

1.19	
Release Date	**March 20, 2009**
Fixed	1. Fixed incorrect reading on low temperature.

E. proSES (EP96601)(SES)

=== NO IP DISPLAY ON LCD ===

1.19	
Release Date	**March 20, 2009**
Fixed	1. Fixed incorrect reading on low temperature.

F. proRAIDManager

P1.5.37	
Release Date	**March 20, 2009**
New	1. Enable "SEARCH" for web GUI controller firmware version.