



Process Cache / Process Cache Plus

Quick Start Guide A-PCM

REQUIRED SOFTWARE

The Process Cache module requires Aparian's Slate software to setup and configure. The software installation can be found at www.aparian.com/software/slate. The Upload Service and Service Monitor can be found at www.aparian.com/products/processcache.

MODULE INSTALLATION

1. For serial communication to either a DF1 or Modbus RTU device, the RS232 connector must be correctly wired as shown below and connected to the module.
2. Connect module to Ethernet Network by plugging cable into Ethernet port.
3. The module requires input power of 10-28Vdc. The wiring of the power connector can be found in the wiring diagram below. Power up the module.



NETWORK SETUP

1. Launch the Aparian Slate Configuration Software. Select the *DHCP Server* under the *Tools* menu. DHCP is enabled as factory default.

2. Click the *Assign* button and set the IP Address. Row turns green if successful.
3. Additional configuration can be set using the *Target Browser* also under the *Tools* menu. Right click on the module in the Target Browser a select *Port Configuration*.

MODULE CONFIGURATION

Once the module has been assigned an Ethernet address the module will be ready for configuration using the Aparian Slate utility.

1. In Slate start a new project under *File, New*.
2. Add the device by selecting *Add* under the *Device* menu, and choosing the Process Cache Module.
3. The Configuration form will open automatically. Fill in Name, Description, IP Address, and Major Revision. Select the Data Source from the General Tab as well as Logging Mode and LogPrefix if needed.
4. When serial is used the user must configure the correct serial settings.
5. For FT Historian / PI Server uploads, set the Pi Server Digital Sets to be used.
6. Configure Data Source Devices and Tags to be logged under the Data Source Tab for the selected Data Source. Add Group Triggers and Tag Trigger Criteria.
7. Download the configuration to the module by right clicking the module in the Project Explorer and selecting *Download*. Save the Project.

INSTALL THE UPLOAD SERVICE (PROCESS CACHE PLUS ONLY)

Install the Upload Service. Launch the Monitor by Start, All Programs, Aparian, Process Cache Service. Click Setup, and added devices and set database connection settings.

ADDITIONAL INFORMATION

Resource	Link
Slate Installation	www.aparian.com/software/slate
Process Cache User Manual Process Cache Datasheet Example Code & UDTs	http://www.aparian.com/products/processcache

SUPPORT

Technical support will be provided via the Web (in the form of user manuals, FAQ, datasheets etc.) to assist with installation, operation, and diagnostics.

For additional support the user can use either of the following:

Contact Us web link	www.aparian.com/contact-us
Support email	support@aparian.com

