

Abbey Systems recently added some interesting optional functionality for customers using DNP3 or DNP3/TCP as the communications protocol between their SCADA Master & Abbey DNP3 RTUs.

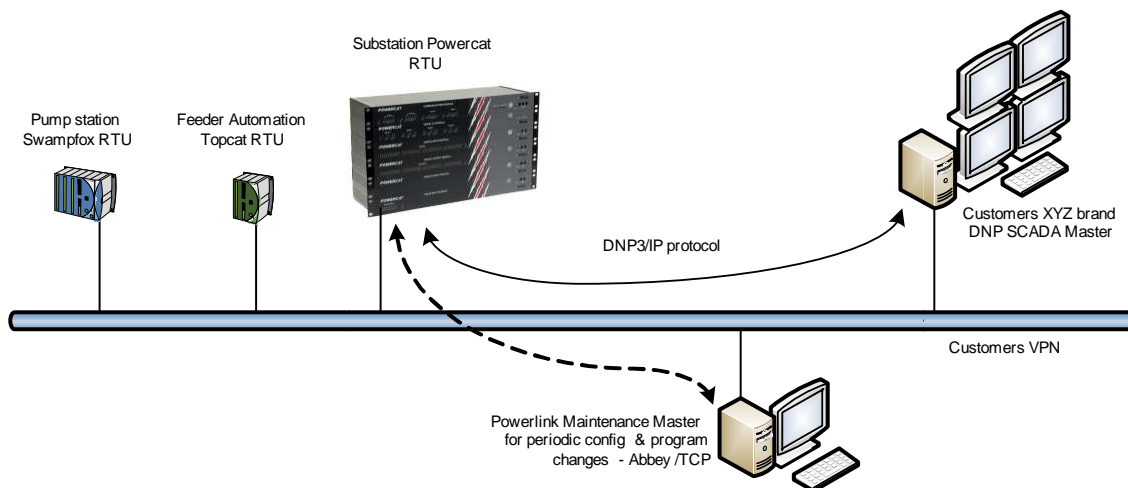
DNP3 Analog Events firmware

This firmware allows Abbey Systems DNP3 RTUs to store Analog "Events" from site measurements, rates or pulse inputs.

- Firmware can be flashed into M32c based Abbey RTUs; Powercat, Topcat & Swampfox
- Absolute deadband configuration for each measurement, rate, pulse
- Individual event enable for each measurement, rate, pulse
- Event period: single setting per RTU, equivalent to "integration period". By default, each measurement, rate or pulse will obey the event period
- Configuration option per input to override the RTU event period and store an unrestricted number of events
- First or current value: single setting per input type to specify whether measurement, rate and pulse events should be stored with value at the point the event occurred, or updated with current value when the event is delivered
- Configurable option per input to override the input type first/current setting and force either first event or current event
- High and low level event enables for measurements, rates. If high or low level is enabled, first event is forced for that input
- Automatic event generation in the RTU for measurement, rate, pulse
- Flexible Class assignments to class 1, 2, 3 & class 0 polls
- DNP driver start up behaviour is changed, so that should an RTU cold restart, any Inverted Inputs don't create Events unintentionally
- Reflash any Abbey DNP3 Serial & DNP3/TCP RTUs; Powercat, Topcat & Swampfox

Powerlink Maintenance Master

Abbey Systems offers a "Powerlink Maintenance Master" for customers using DNP3/TCP as the communications protocol, between their XYZ brand SCADA Master and Abbey Substation or Poletop RTUs.





This allows remote engineering support of the site over an IP network, saving time and money over having to visit the site to make small changes.

- Load new RTU configurations & setups or make changes to existing parameters
- Maintain and edit RTU logic programs, read or set variable values
- Get RTU hardware & firmware versions from each site
- Reveal the current status of Digital Inputs, Analog Input measurements, pulse counts, serial relay IO or TCP connected devices at remote sites
- An added benefit of using a “Powerlink Maintenance Master” is everything running at the remote site is stored in the one place in the Maintenance Master

For further details, including pricing, or to discuss whether these features could be of benefit in your SCADA Network Architecture please contact your Abbey Systems Integrator or us directly.

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