ConfigWiz 2.0



Substation Gateway Configuration for the Smart Grid



With the explosion of smart devices in the substation, there is a pressing need for a tool which is up to the task of integrating Intelligent Electronic Devices (IEDs) and managing an evolving communication and cyber security environment. **ConfigWiz 2.0** is the tool for that job.

ConfigWiz has been designed specifically for easier **IED integration and management** and special emphasis has been given to the operator interface in order to make this process as intuitive as possible. The extensive use of **templates and automatic default settings** will guide the user through complicated IED, protocol or communications issues in order to get the installation up and running as quickly as possible.

ConfigWiz 2.0 uses the latest Microsoft® software technology; the .NET Framework environment (minimum version 2.0), and will run on any PC using Windows XP, VISTA and Windows 7 (32 or 64 bit)

The maximum use of Microsoft Office products for mass data manipulation and automated documentation reduces the workload and eases training. Through familiar dragand-drop functionality and a file compare a single IED, communications line or an entire RTU can be copied from one installation to another in simple intuitive steps. The ability to re-use these configuration "objects" will reduce errors and get your initial and subsequent installations up and running efficiently.

Since easy IED integration is the primary objective, a catalog of common devices is provided and the user can

Streamlined User Navigation with Simple, Consistent Look-and-Feel

Support for All Popular Protocols (DNP3, Modbus, PGE-2179, etc.) Currently used with IEDs and Gateway-Master Station Communications

Robust Auto-Checking to Prevent Configuration Errors

Comparison Utilities to Quickly Identify Differences Between Existing Templates and Work-in Progress

Default Selection Settings to Minimize Work and Get You up and Running Quickly

Windows® Explorer type display for Easy Drill-Down and Overview

Intuitive IED Template Creation and Update



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add additional "IED templates" to the library through their own creation or from the expanding QEI archive. These templates can be incorporated into a new configuration though an intuitive drag-and-drop process.

The physical connection between ConfigWiz 2.0 and the RTU/Gateway can be either serial or via a network socket, so password protected configuration changes can be made locally, remotely or both. In addition to configuration of an RTU/Gateway, ConfigWiz 2.0 an internal computation engine will enable data manipulation and closed loop control. This, as well as other features, utilize the **Flash Loader** capability which permits easy download of updates, revisions and new RTU/Gateway firmware.

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