

Bristol® OpenBSI Utilities

Features

Bristol® OpenBSI Utilities

- Communication engine for PC applications
- Supports ControlWave® and Network 3000 serial and IP RTU's, Controllers, and Flow Computers
- RS 232, Dial-line, radio and Ethernet connections
- Provides on-line access to signal details, list and data array values
- Allows signal searches based on selective criteria
- Allows network configuration and tuning
- PC and network communication diagnostics
- OPC Server for interfacing to most HMI software

Harvester

- Collects historical data on request or scheduled basis
- Exports data files to third party, .CSV & ODBC applications

WebBSI

- Standard set of configuration web pages
- ActiveX controls allow customer created web pages

Bristol OpenBSI from Emerson Process Management is a set of network communication services that provides access to ControlWave and Network 3000 controllers and RTUs. OpenBSI was written as a Windows communication server API through which other client applications communicate with the Bristol network. OpenBSI supports both serial BSAP protocol and Ethernet Internet Protocol communication to the RTUs and con-



trollers. Above this communication layer are a group of applications known as Bristol OpenBSI Utilities. These client utilities communicate through the server to collect and manage data from the controllers and RTUs, generate files based on collected historical data, collect alarms, and monitor and control OpenBSI communications.

The OpenBSI Harvester is an optional utility designed to collect historical data files stored in the RTUs and controllers. It allows data to be collected on a scheduled basis. Harvester then converts this historical data to .CSV and ODBC file format for use in database applications.

Third party applications can also use OpenBSI communications, and data files generated by OpenBSI, to access the Emerson network. The OpenBSI OPC Server is available for compatibility with any OPC compliant application.

WebBSI brings the benefits of Web technology to all Emerson RTUs, controllers, and flow computers. WebBSI provides a set of ActiveX controls for building custom web based applications.

Product Overview

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