

CallistoView SCADA Software

CUSTOMIZATION OF SYSTEM CONFIGURATIONS

DAQ's Callisto™ technology incorporates sophisticated software designs that provide users with a high degree of flexibility when setting up their SCADA systems. Widely regarded as one of the most powerful and user-friendly configuration tools available, the CallistoView™ package supports numerous communication protocols and allows for easy customization and “on the fly” diagnostics. As an ongoing service to help users optimize the performance of their Callisto equipment, all releases and update packs are provided to customers via on-line updates.

KEY FEATURES

- Comprehensive configuration screens for fine-tuning of system parameters
- Programmable logic package
- Extensive, license-free protocol library
- User-friendly diagnostics system
- Key utility applications, including SOE recording and data archiving

DYNAMIC SOFTWARE

CallistoView provides all of the software tools needed to set up and maintain DAQ Callisto remotes. The program simplifies the configuration of complex SCADA systems and offers a broad selection of variables and options, allowing the user to customize their design in detail.



The intuitive functionality of CallistoView configuration screens enables users to quickly define numerous operating parameters for individual processing modules and entire communications systems.

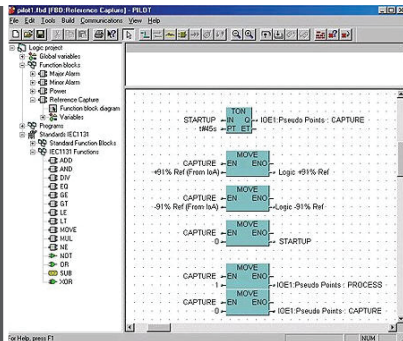
CallistoView provides facilities for managing the entire remote system, from communications parameters and IED interfaces, to analog scaling factors and power system calculations. Included in the package are an extensive protocol library and a diverse array of utility applications, including SOE recording, data archiving, event recording, and programmable logic. Purchasing a Callisto product entitles the user to utilize any available protocol or application, license free, for the life of the product.



PROGRAMMABLE LOGIC

Fully integrated into the CallistoView software suite, PILOT (Programmable Integrated Logic Tool) is a Windows® based package for creating logic applications within a DAQ system. The program integrates IEC 1131 FBD (Function Block Diagram) language, allowing users to create complex algorithms in a clear graphical format.

The clear visual style of PILOT allows users to easily create and connect elements used within logic applications.



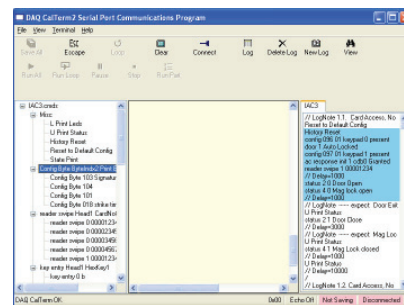
Completed applications are similar to wiring diagrams in appearance, with individual elements depicted as blocks that are linked together on-screen. Programming created in such languages as Ladder Diagram (LD), Structured Text (ST), and Instruction List (IL) can be easily duplicated using a PILOT diagram.

PILOT supports arithmetic, boolean, and comparison functions as a standard, and provides the ability to define custom macro-functions that can be used as templates from one project to the next.

CONVENIENT DIAGNOSTIC TOOLS

The CalTerm2 software package allows users to make a temporary connection to a DAQ device through a PC serial port. Once communicating, text-based commands can be sent directly to the device and data can be received back in real time, enabling real-time diagnostics. CalTerm2 is similar to the HyperTerminal Windows® utility, but with customized features for interacting with DAQ devices.

The program provides an array of diagnostic tools, including the ability to log device data and send command sequences once or repetitively. Individual commands or scripted command sequences are sent to the device via an interactive on-screen interface and stored in text files that can be created with any standard text editor. User-friendly push-buttons and pull-down menus provide access to various CalTerm2 features, including configuration screens, logging options, and command/scripting actions.



From the main CalTerm2 screen, users can send individual commands and scripted command sequences to connected devices.



PROTOCOL EMULATION

DAQ's Callisto product line supports a growing list of protocols for both master station and IED communications, including the most commonly used languages and those used by specific customers. In addition to the protocols listed below, DAQ can also accommodate special user requirements:

MASTER STATION AND IED

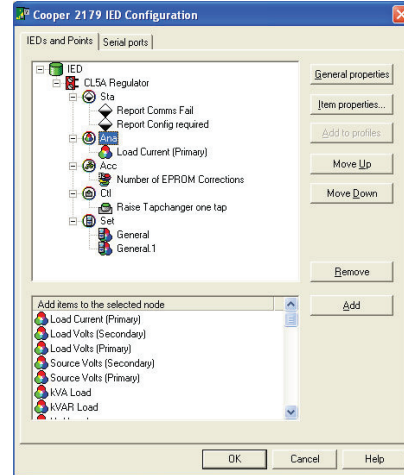
- Conitel
- DNP 3.0
- Modicon MODBus
- PMS-91
- QUICS IV
- SES-92
- Landis & Gyr 8979

MASTER STATION

- CDC Type I and Type II
- Harris 5000/6000
- IEC 870-5 Profile 103
- PG&E 2179

IED

- Cooper 2179
- Eaton Incom
- IEC 870-5 Profile 101 (Siemens)
- JEM 1
- PSE Quad 4 Meter
- Quantum Qdip
- Schweitzer Relay Protocol (221/251/351)
- SPABUS
- Transdata Mark V Meter



CallistoView software tools simplify the configuration of all status, analog, and control points within a system.



For all Callisto users, the latest software releases and update packs can be accessed directly from the SCADA downloads section of the DAQ website.



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