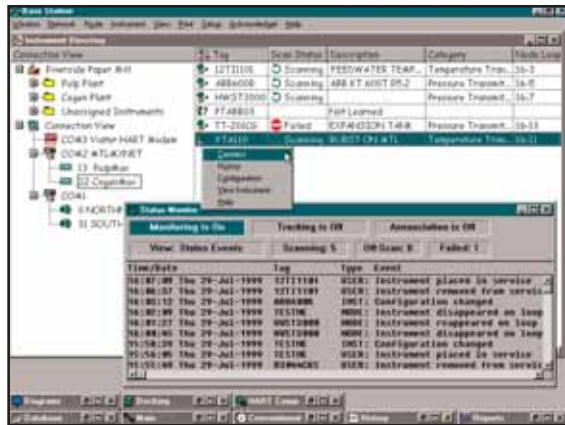




Cornerstone
The Open Platform for Instrument Management

Instrument management software from MTL



The **Cornerstone™ family of software products** provides a Windows based interface to comprehensive HART instrument asset management software over MTL4840 HART multiplexer networks. It allows users to calibrate, configure and maintain an entire network of devices from a single workstation independently but concurrently with the Control system. The recent launch of Version 5 offers numerous improvements to an already powerful Instrument Management platform including:

- Operational and performance improvements
- Expanded transaction security and audit tracking
- Enhanced display and presentation features
- Simpler input and selection actions

Each MTL Cornerstone Package contains the following four components as standard:- Base Station, ISM, All Mod libs and MTL ComLib.

Base Station maintains a comprehensive instrument data base, with individual histories of the configuration, test, calibration and maintenance activities performed on each instrument. The itemized record keeping supports compliance with audit requirements.

The Instrument Status Monitor (ISM) can continuously monitor thousands of HART instruments that are attached through the MTL4840 or MTL8000 process I/O. The MTL HART Maintenance system automates plant-wide scanning and status monitoring of all attached HART instruments. Any configuration changes, including those made in the field, are detected and recorded. With this on-line maintenance station, you can:

- Automatically build your instrument database - no individual data entry required, a major benefit when retrofitting HART Maintenance systems
- Access and modify instrument operational parameters

- Detect, announce, and remedy field instrument problems
- Schedule and manage calibration

The ModLibs Package, "ModLibs", are the libraries that enable Base Station to read, process, display and modify the individualized parameters and functions in a specific model of smart instrument.

The Cornerstone MTL Communications Library (ComLib) provides the software connection between Cornerstone Base Station software and networks of MTL Hardware.

Optional components include:-

Field Station which acts as a remote satellite of Base Station for direct configuration and calibration activities.

Calibrator Interface Libraries provide interfaces to various models of intelligent calibration equipment. On-line CalLibs enable Base Station to automate the performance of multi-point test and calibration.

Base Station software may either be used on a stand-alone computer, or as the first Cornerstone station in a networked configuration. Three optional Multi-user Kits add Cornerstone stations (called SubStations) to the Home Base Station. Kits are purchased separately and are available in three sizes, providing a total of 3 users, 6 users, or 10 users.

MTL cornerstone packages include:

- 191600 MTL On-line Package (128 devices)
- 191610 MTL On-line Package (512 devices)
- 191620 MTL On-line Package (2000 devices)
- 191630 MTL On-line Package (8000 devices)

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