



# Cornerstone™ Libraries

The Cornerstone product family is a modular set of programs, designed to allow you to “plug-in” the specific software components that you require for your instrument maintenance application, regardless of what type of instruments, calibrators, or instrument communications equipment you may have. All components are designed to work with the Cornerstone core products in a seamless and familiar manner so that your instrument technicians can easily learn, operate, and add to the Cornerstone system that is tailored to your needs.

This publication lists the currently available Cornerstone component modules as well as those that are expected to be made available soon. The list is constantly growing. If you do not see an interface library that you need, contact your Cornerstone supplier to discuss your requirements.

## ModLibs - Instrument Model Support Libraries

Cornerstone Configurator, Base Station, and Field Station provide universal HART configuration capability for all HART devices that are compliant with the Universal and Common Practice commands. Optional ModLibs provide a customized user interface to the instrument specific commands and functions of the following devices.

**ABB Automation** AS 800, 600T, 652/653S, Deltapi K Series DP, KST, Massmeter, TH02, TS11, TEU 211, TZID Positioner, 50XM1000B & 50SM1000B

**Endress + Hauser** Cerabar S and Deltabar S

**Flowserve** Logix 520 and Logix 1200 Positioners

**Foxboro-Eckardt** DMU 130 Series and DMU 140 Series

**Fuji Electric** FCX A/C

**Hathaway Promac** XZ6-U Universal Transmitter

**Honeywell** ST3000 Pressure, STT25H and STT25T Temperature

**Metso Automation** ND820 and ND820T Positioners

**Moore Products** 340A, 340B, 340D, 340X, 341D, 344

**Moore Industries** T32, UniTrans IUT-10 and IUT-11

**Princo** Smart 1

**Rosemount** 1151S, 2088, 2090, 3001C, 3001S, 3051C, 3051CLP, 3051T

**Rosemount** 3044C, 3044CR, 3144, 3244MV, 644

**Rosemount** 8712C, 8800, 9701, 9703, 9712, 9739

**Rosemount Analytical** 2054pH, 2054C, 2054T, 2081pH, IFT 3000

**Samson** 3780 Positioner

**Siemens** SIPART PS2 Positioner

**Smar International Corporation** LD301, TT301

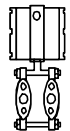
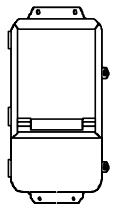
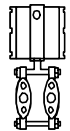
**Tyco** SmartCal Positioner

**Viatran** 970

**WIKA** THZ/TDZ, TRZ

**Westlock Controls** ICoT Positioner, ICoT5000

Positioner **Yokogawa** EJA, UNI Delta Mark II, YT200, ADMAG-AM11, ADMAG-AE, ADMAG-SE, YEFLO, YTA70, TYA110, YTA310, YTA320



## ComLibs - Communications Interface Libraries

Base Station and Configurator products use standard and optional ComLibs to provide the software interface to specific types of HART instrument communications equipment. Multiplexer interfaces allow a continuous physical connection of plant instruments to a Cornerstone maintenance station for remote configuration changes, status monitoring, and automatic configuration tracking.

### Standard ComLib

Generic HART Modem via serial port or USB interface

### Optional ComLibs

ABB Advant/AC400 HART Interface

Arcom Control Systems HPORT

Elcon Instruments Mux 1700 and Mux 2700 HART

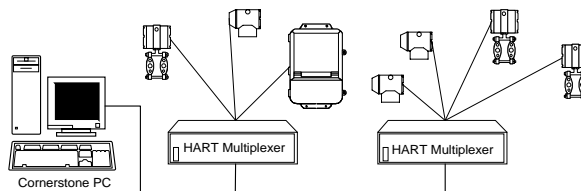
Multiplexers

Fisher-Rosemount HART interchange

MTL 4840 HART Maintenance System and MTL Model 8000 series

Pepperl+Fuchs DFD2-HMM-16 HART Multiplexer

R. Stahl HART Multiplexer Systems – I.S.1, VOS 200, ICS 1000, ICS PAK, ICS Modul



## CalLibs - Calibrator Interface Libraries

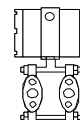
Base Station, Field Station and Cal Station automate calibration management by communicating with intelligent calibrators through Cornerstone CalLibs. “On-line calibration” may be conducted with a calibrator connected directly to the PC running Base Station or Field Station software. In “Docking calibration”, Base Station or Cal Station downloads instrument data and pre-defined test schemes to intelligent portable calibrators. Calibrations are performed remotely, in the field. The calibrator is then docked to Base Station or Cal Station to upload results into the Cornerstone historical database. CalLibs support one or the other of these calibration methods, and sometimes both. The following CalLibs are available, or will be shortly. In addition, manual data entry CalLibs are provided as standard, integral features in Cornerstone products to help automate record keeping for any calibrator.

Type	Calibrator Make & Model
Docking	Altek 895,896
Docking	Druck/Unomat MCX and DPI 605
Docking	Fluke® Documenting Process Calibrator Models: 702, 743, 744
Docking	Beta 135, 235, 922, BetaGauge II, BetaFlex
Docking	Transmation 160, 180, 195, 196, 1292, 1294
On-line	Beamex PC105, PC106, TC305
On-line	DH Instruments PPC1/PPC2
On-line	Druck Limited DPI 510
On-line	Fluke 45 with Crystal MultiCal
Both	Rochester AccuPro Diamond™ Plus (9002, 9004, 9005)
Both	Any Calibrator - Manual Entry (standard)



## Planned Libraries

The following libraries are either under development now, or are actively being considered for development in the near future. Check on the specific availability of these libraries before you place your order. If you need a library that you don't see anywhere in this publication, contact your Cornerstone supplier to inquire about any recent plans to make it available. For special requirements, it is possible to develop particular libraries on a cost sharing basis.



## ModLibs

PMV Palmstienas Instrument  
D3 Digital Positioner

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