



## Cornerstone Software Products

### Model # Description

#### 100100 *Cornerstone Configurator Software*

Configurator is a stand-alone program for use as an enhanced, personal computer based replacement for hand held communicators either in the workshop or in the field. Each Configurator requires a Bell 202 HART compatible modem, or a HART multiplexer device and one of the optional Cornerstone ComLibs listed in a separate section below.

#### 100200 *Cornerstone Cal Station Software*

Comprehensive Instrument maintenance and calibration management software.

Incorporates – Instrument database, Calibration database, Procedure selection and validation, Download and Upload of calibration data for conventional and documenting calibrators, as well as ancillary functions such as graphing, reporting, import and export of data.

#### 100300 *Cornerstone Base Station Software*

The most comprehensive collection of Cornerstone features, and the platform that allows the greatest number of concurrent Cornerstone options. Can be used with HART a compatible multiplexer and instruments, standard analog instrumentation and all types of calibration equipment, both documenting and non-documenting.

Incorporates – Instrument database, Calibration database, Procedure selection and validation, Download and Upload of calibration data for conventional and documenting calibrators, HART connectivity, as well as ancillary functions such as reporting.

To connect to HART instruments, Base Station Software requires a Bell 202 HART compatible modem, or a Cornerstone Intelligent Modem Unit, or a HART multiplexer device and one of the optional Cornerstone ComLibs listed in a separate section below.

#### 100400 *Cornerstone Field Station Software*

Field Station requires a Cornerstone Base Station. It accepts instrument configurations and test and calibration procedures from a Master Base Station. Running on a portable computer, Field Station software can be used to perform instrument configurations, and manual and automated calibrations in the field, with the results able to be transferred seamlessly back to the Master Base Station system.

Multiple copies of Field Station may be used with the same Base Station host system. Field Station uses the CalLibs and ModLibs purchased with and installed on your host Base Station.

A single copy shown above for Cornerstone software products includes a license to use one copy of the software on a single computer, a copy of the software on diskettes and the associated software user documentation.

## Cornerstone Products - Optional Add-on's

### Model # Description

#### 111000 *Instrument Status Monitor*

The ISM package enhances the standard HART Status window allowing enhanced network learn features, automatic annunciation of system events and on line monitoring of real time process variables through Base Station or Configurator.

Requires Base Station or Configurator software and one of the optional Cornerstone ComLibs listed in a separate section below.

## Cornerstone Cal Station Software

### Model # Description

100200 *Cal Station Software*

See previous page.

(see text) *Cornerstone Cal Station Software with One CalLib*

This is a special combination of Cal Station and any one of the docking CalLibs listed below, when purchased on the same order. Includes a license to use one copy of the software on a single computer, a copy of the software on diskettes and user documentation. (To specify this option, use Model Number 19xxxx, where xxxx is the last four digits of the CalLib Model Number as shown in the list below. For example, Cal Station with the Fluke 743 CalLib is Model 194030.)

22691SW *Cal Plus Software Kit*

Includes Cal Station (100200) plus all of the currently available calibrator interface libraries (CalLibs) listed below.

## Cal Station Optional Features

### Model # Description

191180 *Cal Station Group Setup Kit*

This Kit contains software and a Cornerstone Cal Station Group Administrators Guide to enable the coordinated operation of a group of separate single user Cal Station systems. To be useful it requires that you have at least two licensed copies of Cal Station software, version 4.0.10 or later.

## Cal Station Multi-user (LAN) Kits

### Model # Description

191403 *Cornerstone Cal Station Multi-user Kit (3 User)*

Requires one Cal Station (Model 100200, Version 4.0.10 or later) on the LAN. Adds, to the single user Cal Station, up to 2 additional simultaneous Cal Station users on a LAN, for a total of 3 users.

191406 *Cornerstone Cal Station Multi-user Kit (6 User)*

As above. Adds up to 5 additional simultaneous Cal Station users on a LAN, for a total of 6 users.

191410 *Cornerstone Cal Station Multi-user Kit (10 User)*

As above. Adds up to 9 additional simultaneous Cal Station users on a LAN, for a total of 10 users.

Licensees of the 3 or 6 user kits can upgrade to a larger kit at a later date.

## Cal Station Docking Calibrator Interface Libraries (CalLibs)

### Model # Description

114320 *Druck DPI 605 CalLib*

114310 *Druck/Unomat MCX CalLib*

114020 *Fluke 702 CalLib*

114030 *Fluke 743 CalLib - Models 743 and 743B.*

114500 *Hathaway/Beta CalLib - Models 135, 235, 922, and BetaGauge II.*

114600 *Rochester Accupro / Transcat Diamond CalLib - Models CL-9002/4/5 and 22970E-2.*

114410 *Transmation CalLib - Models 160 ATC, 180 AEC, 1292 APC, 1294 APC, 191 and 195.*

All CalLibs listed above require the Cal Station Software. Multiple CalLib types may be used on the same Cal Station system. The CalLib includes a license to use one copy of the software on a single computer or on a LAN system that has a Cal Station Multi-user Kit installed, a copy of the software on diskettes, and user documentation.

## Cornerstone Base Station Software

### Model # Description

#### 100300 *Cornerstone Base Station Software*

Details as per page 1. Support is automatically included for single two wire modem connections to the Universal and Common Practice command sets of instruments conforming to the HART protocol. Options include Device Specific Instrument Model Libraries (ModLibs) and HART multiplexer Communication Libraries (ComLibs).

Cornerstone Field Station and Cornerstone Instrument Status Monitor may be added to this software.

## Base Station Multi-user (LAN) Kits

### Model # Description

#### 191103 *Cornerstone Base Station 3 User LAN Kit*

Requires one Base Station (Model 100300, Version 3.0.10 or later) on the LAN. Adds, to the single user Base Station, up to 2 additional simultaneous Base Station users on a LAN, for a total of 3 users.

#### 191106 *Cornerstone Base Station 6 User LAN Kit*

As above. Adds up to 5 additional simultaneous Base Station users on a LAN, for a total of 6 users.

#### 191110 *Cornerstone Base Station 10 User LAN Kit*

As above. Adds up to 9 additional simultaneous Base Station users on a LAN, for a total of 10 users.

Expansion kits to allow upgrades from 3 to 6 or 6 to 10 concurrent users are also available.

## Cornerstone Communications Interface Libraries (ComLibs)

The standard Cornerstone Base Station and Field Station software includes the IMU ComLib and the Hdatalink ComLib. The Hdatalink ComLib enables HART communication using a Viator, MicroLink, PRIMM, or other Bell 202 HART compatible modem. The standard Cornerstone Configurator software includes only the Hdatalink ComLib. One or more of the following ComLibs may be used in addition to the standard ComLibs on a single Configurator or Base Station. ComLibs currently available include:

- ◆ *ABB Advant/AC400 ComLibs*  
Available for groups of 128, 2000, or 8000 Instruments.
- ◆ *Allen-Bradley Smart Transmitter Interface (STI) ComLibs (DH+ or RS-232 Interface).*  
Available for groups of 128, 512, or 1984 Instruments.
- ◆ *Arcom HTMUX ComLibs.*  
Available for groups of 128, 512, or 2000 Instruments
- ◆ *MTL 4840 ComLibs.*  
Available for groups of 128, 2000, or 8000 Instruments
- ◆ *Pepperl + Fuchs DFD2-HMM-16 HART Multiplexer ComLibs*  
Available for groups of 128, 2000, or 8000 Instruments
- ◆ *Rosemount HART interchange ComLibs (also supports Arcom HPORT and Elcon MUX 1700/2700).*  
Available for groups of 128, 2000 or 3968 Instruments.
- ◆ *Stahl HART Multiplexer ComLibs. (for ICS 4000, ICS PAK, I.S 1 System, VOS 2000 System)*  
Available for groups of 196, 512, 2000, or 8000 Instruments.

## Cornerstone Model Support Libraries (ModLibs)

Standard Cornerstone Configurator, Base Station, and Field Station software provide Generic HART instrument support using HART Universal and Common Practice commands. Full instrument configuration support, including Instrument Specific commands, requires the use of one or more of the following optional ModLib Packages.

### 125332 *ABB Automation ModLib Package*

Includes the following models:

ABB.....600T, Deltapi K Series DP, KST, 652/653S, and MassMeter  
Fischer & Porter.....50XM1000B  
Hartmann & Braun.....TS11, TEU 211, TZID Positioner and AS800

### 125302 *Honeywell ModLib Package*

Includes models ST3000 Pressure and STT25H Temperature

### 125222 *ModLib Collection Package*

Includes the following models:

Endress+Hauser.....Cerabar S, Deltabar S  
Foxboro-Eckardt.....DMU 130 series, DMU 140 series  
Fuji Electric.....FCX A/C  
Hathaway Promac .....XZ6-U  
Kayray .....3680  
MTL.....418  
Princo.....Smart 1  
Samson .....3780 Positioner  
SMAR International.....LD301 and TT301  
Viатran.....970

### 124012 *Moore Products ModLib Package*

Includes models 340\_A, 340\_B, 340\_D, 340X, 341\_D, and 344

### 120032 *Rosemount Analytical ModLib Package*

Includes models 2054pH, 2054C, 2054T, and 2081pH

### 120022 *Rosemount ModLib Package*

Includes models 644, 1151S, 2088, 2090, 3001S, 3001C, 3044C, 3044CR, 3051C, 3051T, 3051CLP, 3144, 3244MV, 8712C, 8800, 9701, 9703, 9712, 9739, and IFT 3000

### 125312 *Siemens ModLib Package*

Includes Positioner model SIPART PS2

### 124712 *Tyco SmartCal Positioner ModLib*

### 124702 *Westlock Controls ICoT Positioner ModLib*

### 125002 *Yokogawa ModLib Package*

Includes models EJA, UNI Delta Mark II, YT200, ADMAG-AM11, ADMAG-AE, ADMAG-SE, YEWFO, YTA110, YTA310, YTA320, and YTA70

### 191082 *All ModLibs Package*

Facilitates the purchase of all the available ModLibs listed above.

Cornerstone ModLib Packages work with and require Cornerstone Base Station or Configurator Software. Any number of these ModLib Packages may be used on a single Cornerstone station or on a single local area network utilizing a Cornerstone Multi-user Kit. The ModLib Package software includes a license to use one copy of the software on a single computer or on a single local area network and, a copy of the software on diskettes.

Cornerstone Field Stations use the ModLib Packages installed on the associated Base Station system.

## Base Station On-line Calibrator Interface Libraries (CalLibs)

These Cal Libs allow the operator to use the Base Station software and the nominated calibrator in an interactive or on-line format. The Cornerstone software interactively automates the performance of multi point tests and calibrations.

### Model # Description

113100	<i>Beamex PC105 CalLib</i>
113140	<i>Beamex PC106 CalLib</i>
113120	<i>Beamex TC305 CalLib</i>
113200	<i>DH Instruments PPC1/PPC2 CalLib</i>
113300	<i>Druck Limited DPI 510 CalLib</i>
113000	<i>Fluke 45 CalLib with Crystal MultiCal</i>
113600	<i>Rochester Instruments AccuPro / Transcat Diamond CalLib</i>

## Base Station Docking Calibrator Interface Libraries (CalLibs)

These Cal Libs allow the operator to download instrument configurations and test procedures into the nominated calibrator for use in remote calibration activities. The after completion of the necessary work, an upload of successful calibration data is cross checked and stored in the Base Station history database.

### Model # Description

113320	<i>Druck DPI 605 CalLib</i>
113310	<i>Druck / Unomat MCX CalLib</i>
113020	<i>Fluke 702 CalLib</i>
113030	<i>Fluke 743 CalLib - Models 743 and 743B.</i>
113500	<i>Hathaway/Beta CalLib - Models 135, 235, 922, and BetaGauge II.</i>
113600	<i>Rochester AccuPro / Transcat Diamond CalLib - Models CL-9002/4/5 and 22970E-2.</i>
113410	<i>Transmation CalLib - Models 160 ATC, 180 AEC, 1292 APC, 1294 APC, 191 and 195.</i>

All CalLibs listed above require the Base Station Software. Multiple CalLib types may be used on a single station.

## Cornerstone Hardware Products

### Model # Description

180030	<i>Viator PCMCIA HART Modem</i> Includes the Viator PCMCIA Modem Model 01010A and instrument test lead cable.
180040	<i>Viator RS232 HART Modem</i> Includes the Viator RS232 Modem Model 01000A and instrument test lead cable.

## Cornerstone Hardware Warranty

Cornerstone hardware products are delivered with a one year warranty against defects in materials or workmanship.

## **Training**

On-site training, tailored to the purchaser's needs, is available.

## **Technical Support**

Special technical support activity is billed at an hourly rate for actual labor and any travel time.

## **Cornerstone Product Manuals**

Cornerstone products are delivered with the associated user's manuals. Replacement or additional manuals may be purchased separately, as required.

**distributed by**

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