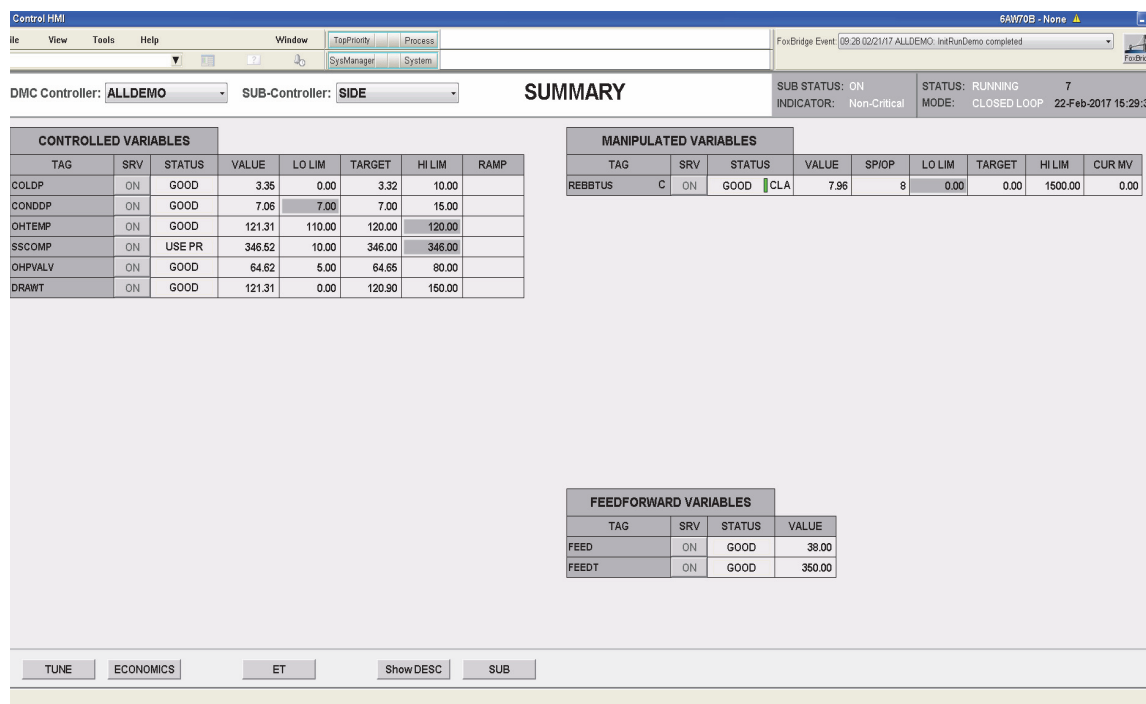


FoxBridge Software



The FoxBridge software contains all of the functions and features to reduce the time to implement a Aspen DMCplus® or Aspen DMC3™ controller on a Foxboro Evo™ Control Core Services or I/A Series® workstation.

OVERVIEW

The FoxBridge software provides a close coupling between Aspen DMCplus® and Aspen DMC3™ controller software and the Foxboro Evo Control Core Services and I/A Series software.

Features

The FoxBridge software consists of the following items:

- 1 A FoxBridge Configuration Utility that uses an Aspen controller configuration file to build the corresponding FoxBridge components including the required Application Objects software and controller displays.
- 2 An Application Object Services Utility that allows the maintenance of the Application Object Database as the model changes, creates the Application Objects, and maps the Application Objects to control blocks.
- 3 Two example controller applications, based on the standard 7x7 distillation column example, consisting of control blocks, graphics, and FoxBridge controller. The application, DMCPLUSD, uses the Supervisory Control (SSC)

methodology. The second application, ALLDEMO, is similar to DMCPLUSD, but has two subcontrollers with the subcontroller displays.

- 4 A Foxboro Tag Wizard for use with the AspenTech Build utility converts model files to controller configuration files.
- 5 The linkage between the controllers and the control system using two CIM-IO™ servers.
 - CIMIO for OPC DA is dependent on the presence of AIM*OPC DA or other OPC DA Server. It supports the display of message strings at run-time and modeling via the use of data collection.
 - CIMIO for FoxAOS uses the Application Object interface for all numeric data transfers between the Aspen controller and Application Objects.
- 6 An optional display interface that calls the local controller data collection and extraction programs for use during step testing.
- 7 Uses Microsoft SQL Server software for AOS data retention.

With proper application of these tools, an operating Aspen DMCplus or Aspen DMC3 controller can be linked to FoxView™ or Foxboro Evo Control HMI displays in a very short period of time.

REQUIREMENTS

FoxBridge v8.x software requirements are:

- ▶ v9.0 -v9.3 - Standard or Security Enhanced Control Core Services software with default domain group policies.
- ▶ v8.8 - Standard or Security Enhanced I/A Series software with default domain group policies.
- ▶ The FoxBridge product supports FoxView and Control HMI format Operator and Engineering Displays.

- ▶ Application Object Services (AOS) software. (Ships with FoxBridge.)
- ▶ Microsoft® SQL Server®. (Ships with FoxBridge.)
- ▶ AIM*OPC DA or other OPC DA Server. (Sold separately.)
- ▶ aspenONE Advanced Process Control products V8, V9 or V10, which includes Aspen DMCplus, Aspen DMC3, Aspen APC Online and Aspen Cim-IO software for OPC DA. (Sold separately.)

ORDERING INFORMATION

The FoxBridge software is licensed per station.

- ▶ Q0303BJ - FoxBridge Software
- ▶ Q0303BK - FoxBridge Software Upgrade



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