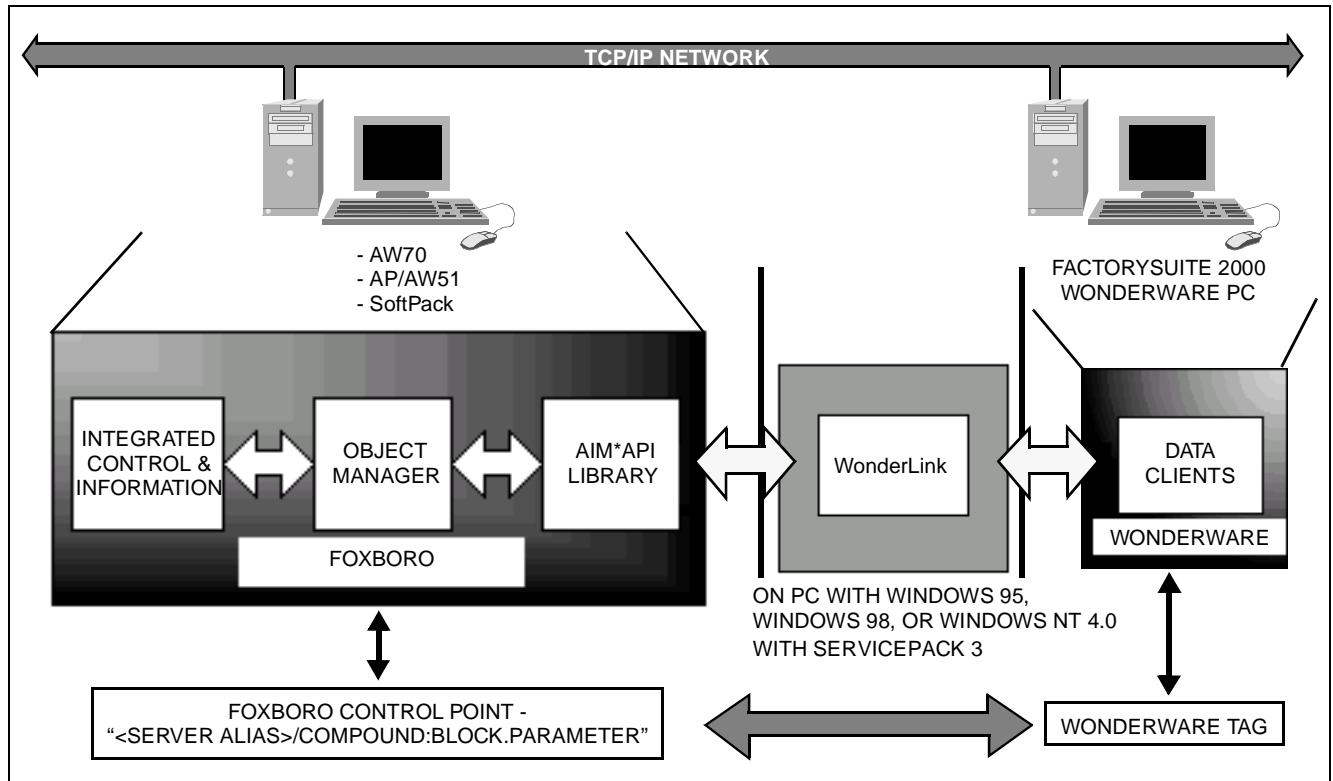# I/A Series® Software
WonderLink

WonderLink is a Windows-based application which serves as a real-time read/write data interface between I/A Series integrated control information and Wonderware FactorySuite 2000 data client applications, such as Wonderware's InTouch™ and Scout.

WonderLink software can be used with both standard off-the-shelf Foxboro and Wonderware software and systems.

WonderLink software has all of the functionality of a Wonderware I/O Server and beyond.
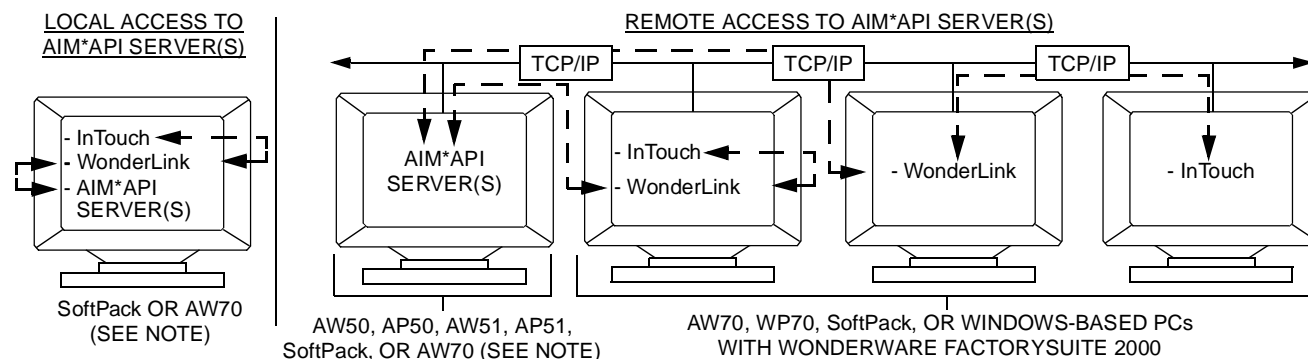
It provides the following features to its FactorySuite 2000 data clients:

- access to I/A Series control, information objects and status values via either Solaris or Windows NT stations

- a one-to-one association between Wonderware tags and Foxboro control and information objects (Wonderware documentation contains information on Wonderware tags.)

- automatic connection to the I/A Series network on start-up for Wonderware data clients via standard TCP/IP protocol over a corporate or control network

- a complete list of I/A Series control points in the standard Compound:Block.Parameter format from which you can select when configuring Wonderware InTouch displays using the Wonderware Tag Browser

- the ability to access I/A Series alarm status information in Wonderware FactorySuite 2000 applications

• the ability to acknowledge I/A Series and Wonderware alarms either together or separately.

As shown in Figure 1, WonderLink software, the data clients, and the I/A Series control and information objects can exist in the same workstation, or in remote workstations connected using TCP/IP communication.

LOCAL ACCESS TO AIM*API SERVER(S)

REMOTE ACCESS TO AIM*API SERVER(S)

- InTouch
- WonderLink
- AIM*API SERVER(S)

AIM*API SERVER(S)

- InTouch
- WonderLink

- WonderLink

- InTouch

SoftPack OR AW70 (SEE NOTE)

AW50, AP50, AW51, AP51, SoftPack, OR AW70 (SEE NOTE)

AW70, WP70, SoftPack, OR WINDOWS-BASED PCs WITH WONDERWARE FACTORYSUITE 2000

NOTE: The provided AIM*API server may be installed on any SoftPack, AW70, AW50, AP50, AW51, or AP51 processors shown.
   A given WonderLink application instance can communicate with one or more local or remote AIM*API servers.
   A given AIM*API server can communicate simultaneously with multiple WonderLink application instances.
   InTouch can communicate simultaneously with multiple WonderLink application instances.

Figure 1. Example WonderLink, Data Client (InTouch), and I/A Series Control and Information Locations

SYSTEMS REQUIREMENTS

Foxboro I/A Series
   AW70 Configurations
      Minimum Version 6.0
   SoftPack Configurations
      Minimum Version 6.0
   AP/AW51 Information Network Configurations
      Minimum Version 3.4

Wonderware
   InTouch (Minimum Version 3.01) - or -
   FactorySuite 2000 (includes SuiteLink)
   Both require Wonderware ServicePack 1

WonderLink
   PC with Windows 95, Windows 98, or
   Windows NT 4.0 with ServicePack 3,
   Able to run Wonderware FactorySuite 2000,
   I/A Series (as an AW70), or I/A Series SoftPack

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