

2 System Requirements

Each PC in your AMS system must meet minimum software and hardware requirements to ensure successful installation and operation of AMS. System interface networks may have additional requirements.

System and Software Requirements

Hardware Requirements

Your AMS workstation PCs must meet the minimum requirements of AMS 6.1 (refer to Section 2 of the *AMS Installation Guide, Software Version 6.1*).

Serial Interfaces

A 375 Field Communicator requires an Infrared Data Association (IrDA) adapter and IrDA drivers. See the AMS Release Notes for a list of supported adapters.

Note: *IrDA drivers are not supported on Windows NT.*

Operating Systems

In addition to the Windows operating systems supported by AMS 6.1 (refer to Section 2 of the *AMS Installation Guide, Software Version 6.1*), AMS 6.2 Upgrade also supports Windows Server 2003.

A general requirement of distributed AMS systems is that all PCs must use the same Windows operating system. The exception is that PCs running Windows Server 2003 and PCs running Windows XP may be used together.

Terminal Services support:

- Only Remote Administration mode is supported on Windows XP and Windows 2000 Professional.
- Both Remote Administration and Application modes are supported on Windows 2000 Server and Windows Server 2003. For Application mode, only one AMS session per server is allowed.

See Microsoft for Terminal Services licensing information.

Windows Security Requirements

AMS Use

Using AMS 6.2 Upgrade on Windows XP or Windows Server 2003 has the following security requirements:

- You must be in the Power Users or Administrators group.
- You can perform an Import from Remote AMS operation if you are a member of the Administrators group. If you are not a member of the Administrators group but are in the Power Users group, open the Windows **Control Panel | Folder Options** dialog box and, on the **New** tab, uncheck the **Use simple file sharing (Recommended)** option.

Contact your network administrator for more information.

Requirements for System Interface Networks

AMS 6.2 Upgrade provides support for one new and one updated system interface network. Requirements for system interface networks are in addition to the hardware and software requirements for AMS.

STAHL Requirements

The STAHL HART Interface requirements have not changed from the AMS 6.1 release. The STAHL HART Interface in AMS 6.2 Upgrade now supports the IS PAC 9192 HART multiplexer in addition to the STAHL multiplexers supported in AMS 6.1 (refer to the *AMS Installation Guide, Software Version 6.1*).

Note: *You may not be able to use AMS to communicate with HART devices with a STAHL IS PAC multiplexer at the same time a 275 HART Communicator or a 375 Field Communicator is communicating with the device loop. See your STAHL representative for details.*

HART Over PROFIBUS Requirements

The HART Over PROFIBUS System Interface requires that:

- AMS, with the correct license code for HART Over PROFIBUS, is installed on a PC running Windows NT, Windows 2000, Windows XP, or Windows Server 2003.
- A control system that supports PROFIBUS DPV1 is configured and operational.
- At least one Trebing & Himstedt (T+H) PROFIBUS Gateway for communications is configured.
- At least one PROFIBUS DP remote I/O subsystem that supports HART communications is connected to the control system. At this time, the T+H PROFIBUS Gateway only supports the STAHL I.S. 1 remote I/O subsystem. Contact T+H for a current list of supported I/O subsystems.
- At least one HART I/O module is installed in the remote I/O subsystem.
- At least one HART instrument is present on a module channel.

Asset Portal Support for FOUNDATION Fieldbus Devices

In addition to supporting HART devices, the AMS 6.2 Upgrade of AMS Web Services supports FOUNDATION fieldbus devices for use in Emerson Process Management's Asset Portal application. To support this functionality, the FOUNDATION fieldbus devices must be attached to a DeltaV system and accessed through Asset Portal.

If you intend to collect and view FOUNDATION fieldbus device data from a DeltaV 7.2 system in Asset Portal, you must install DeltaV Hot Fixes 50970 and 51124 on the Professional *PLUS* station. **FAILURE TO INSTALL THESE HOT FIXES COULD RESULT IN SERIOUS SIDE EFFECTS ON THE DELTAV SYSTEM.** To verify whether these Hot Fixes have been installed, check the Windows Add/Remove Programs function on the Professional *PLUS* station to see if they are listed. The 50970 and 51124 Hot Fix installation files are located in the AMSWebServices\DeltaV_72_Hot_Fixes_Required_for_AMS_Web_Services folder on the AMS 6.2 Upgrade installation CD. The hot fixes are also available through DeltaV Technical Support. For more information about these hot fixes, contact DeltaV Technical Support.