

**SVI II™**  
**DD Installkit Version 1.00 For AMS Suite™**  
**Technical Release Notes**

The SVI II™ DD Install Kit Version 1.00 For AMS Suite™ provides complete integration with this HART communication software. The SVI II™ firmware versions in the 1.2.x series are compatible with this device driver. It includes support for the double-acting and single acting hardware, as well as the basic and advanced diagnostic versions.

The following describes the supported SVI II™ firmware versions, the installation notes, the known issues and the supporting AMS environment.

**TOPICS**

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- I. Supported Firmware Versions
- II. Installation Notes
- III. Known Issues
- IV. Supporting AMS Environment

**I. Supported Firmware Versions**

The following SVI II™ firmware versions are supported:

- SVI II™, firmware 125
- SVI II™, firmware 124
- SVI II™, firmware 123
- SVI II™, firmware 122
- SVI II™, firmware 121

**II. Installation Notes**

The following steps describes how to install the SVI II™ DD support for your AMS system using this Install Kit:

1. Make sure that the AMS Server and application are not running.
2. Unzip the install kit on the local hard drive.

3. Launch the Setup program from the Windows task bar, by selecting:  
Start | Programs | AMS | Add Device Type Manually
4. Follow the instructions of the Setup Program. When asked for the source directory, browse to the source where the SVI II™ Install Kit has been unzipped.
5. Double-click on the folder “Masoneilan\_SVI II™\_Rev2\_DD1\_AMS6x” and then click NEXT.
6. Follow the rest of the instructions of the Setup Program to complete the installation.

**IMPORTANT:**

**You must perform the installation of the DD on each station in a distributed AMS system.**

**III. Known Issues**

Known issues are functional discrepancies that could not be resolved because of some HART communication handling problems with the AMS server.

1. AMS with multiplexer network: When launching a method of a long duration , such as Autotune or diagnostic routines, the user must wait long enough for the routine to complete itself and must not send any other HART commands while performing such operation. The result of launching additional HART commands while performing such method, will result in the message “The field device did not respond” and the method will be safely cancelled in the SVI II. This issue is caused by some limitation of the AMS server to handle long duration methods in a field device which will most likely be resolved in an upcoming release of the AMS server.

**WORKAROUND:** For AutoTune, wait at least 5 minutes before sending another command. For the Standard Diagnostic signature, wait approximately 6-7 minutes before sending another HART command.

2. For the same aforementioned reason, the Instrument Variable window may not be properly updated while running a long duration operation.

**WORKAROUND:** Close the Instrument Variable window before performing AutoTune or a Standard Diagnostic routine method.

3. AMS with multiplexer network: The SVI II must be in Setup mode before clicking “Apply” or “OK” when working within the Configuration Properties window. Or else, the download to the device will be aborted and a pop-up dialog “Error Writing Lower Limit; MUX communications error: Unknown Status” will appear.

**WORKAROUND:** Set the mode to Setup prior to opening the Configuration Properties window, if a change to the configuration is to be performed

4. HART Modem: The SVI II must be in Setup mode before clicking “Apply” or “OK” when working within the Configuration Properties window. Or else, the download to the device will be aborted and a pop-up dialog “Error Wring Lower Limit: wrong mode” will appear.

WORKAROUND: Set the mode to Setup prior to opening the Configuration Properties window, if a change to the configuration is to be performed.

5. AMS 6.5 problem: This version is not listed as being fully supported since an error message “Unexpected error 1811” will appear when launching the AutoTuning method. This issue may be resolved in the future version of AMS.

WORKAROUND: None

#### **IV. Supported AMS Environment**

AMS versions:

- AMS 6.0
- AMS 6.1
- AMS 6.2

AMS installation types:

- Server Plus / Server(s) / Client(s)
- Server Plus / Client(s)
- Single Workstation

**IMPORTANT: You must perform the installation of the SVI II™ Install Kit on each station in a distributed AMS system.**

AMS hardware interface:

- Any hardware supported by the AMST™ Suite application.

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**FOR SUPPORT CONTACT [svisupport@masoneilan.com](mailto:svisupport@masoneilan.com) or 1-888-SVI-LINE**

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