

# Anti-Virus Scanning in DeltaV™ Systems

## Introduction

The DeltaV™ automation system is supplied as a system with published performance specifications and expectations for robustness, integrity, and system responsiveness in line with the critical nature of automation systems. Emerson Process Management is able to deliver these automation system performance expectations by testing specific supporting software applications for use within the DeltaV system.

## Specific Concern of this Guideline

This policy concerns support and setup of anti-virus scanning software used on DeltaV workstations.

## Supported Anti-Virus Application

The DeltaV system tests and supports specific versions of Symantec Anti-Virus to provide anti-virus support for all of our systems. It is our intent to provide this anti-virus coverage using specific Symantec versions to control the amount of testing and support required to provide anti-virus protection for DeltaV systems.

For information on the currently supported version of Symantec anti-virus software please refer to Knowledge Base Article AP-0400-0004. Customers are expected to choose one of these products to deploy tested, certified and supported anti-virus software on a DeltaV workstation.

## Anti-Virus Software Setup

The supported method of installing the anti-virus client software is to manually install the software on each DeltaV workstation. The application can be configured for real-time scanning (with DeltaV software running on the workstation) according to the information contained in the whitepaper *DeltaV System Software Update Deployment*.

## Obtaining Updated Virus Data Files

The DeltaV system workstations must not be directly connected to the Internet to obtain updated virus data files. The DeltaV system supports only the manual distribution and installation of these files on the workstation nodes. Updated virus signature files may be installed at the user's discretion.

We have not found it necessary to test each Symantec virus signature file update with the DeltaV system; however Emerson does perform a monthly DeltaV compatibility test of the latest available virus signature files in conjunction with the compatibility testing of Microsoft security updates. Customers subscribed to Guardian Support may elect to receive a monthly notification indicating the date/version of the most recently checked Symantec virus signature file. Whether installing all virus signature file updates from Symantec or only those checked by Emerson, it is highly suggested that all virus signature files first be deployed on a test system or single computer to ensure compatibility prior to full deployment.

For further information, please refer to the whitepaper referenced above.

## Anti-Virus Scan Engine Application Updates

It is the responsibility of the user to stay informed of scan engine software updates that may be distributed by the anti-virus software vendor. The DeltaV system provides vendor patch support only for the currently shipping version of the anti-virus software. This patch support is limited to testing the update for incompatibilities with the currently shipping DeltaV software. Vendor-supplied updates for previous versions of the scan engine software are not supported, nor is the testing of new anti-virus software with previous DeltaV versions.



## Additional Information

If customers desire to use other versions of Symantec Anti-virus or other anti-virus products/solutions, we can quote SureService Integration testing services to test these solutions.

No group within Emerson Process Management can approve or certify a different anti-virus solution or implementation from the standard solutions listed above. Any opinions on usability or risk in using other anti-virus solutions are those of the specific individual making the statements and are not to be construed as implying or promising support for any other solution not documented above.

Emerson Process Management provides this information to aid the user in the implementation and deployment of Symantec Anti-virus within a DeltaV system. Anti-virus is only one layer of security in what should be a comprehensive plan for system security. Even with the proper installation and setup of this or any other anti-virus solution, Emerson Process Management makes no guarantee that your DeltaV system will remain free of successful virus attacks.

## Guideline Papers

Guideline papers are issued to provide information concerning the practices that should be used for installation and deployment of a DeltaV system that is to be supported by Emerson Process Management. It is important that these guidelines be followed in order for Emerson Process Management to provide technical support for your DeltaV system. Failure to follow these guidelines may compromise our ability to provide timely and complete technical support for your DeltaV digital automation system.



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