

Anti-virus Software

Anti-virus software offers protection against intruders, particularly if removable media (memory sticks, CDs, DVDs) are used.

In the context of TwinCAT applications using the file operation function blocks, the folders in which the associated files are processed during PLC Control run time have to be excluded from the virus scan process.

This is because AV software responds to file movements and scans each modified file, which could lead to the timeout values of the PLC Control function blocks being exceeded, and hence to delays in the control process.

Beckhoff Automation does not regularly allocate tests of AV software.

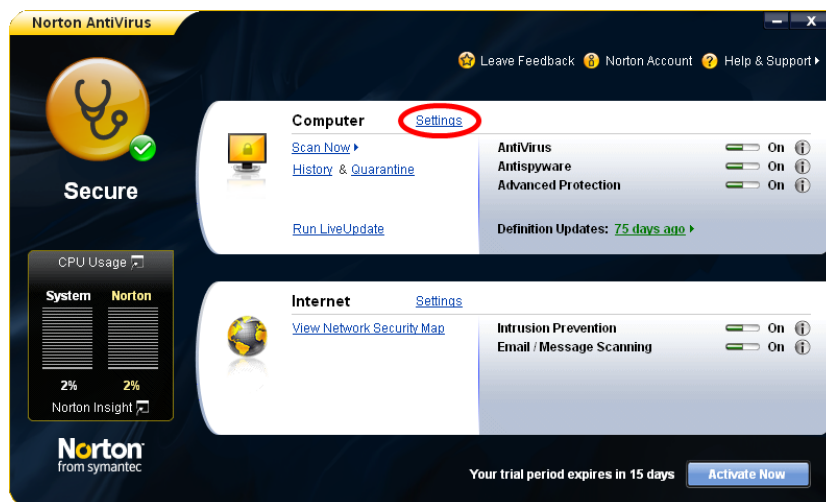
A wide range of independent tests based on different test criteria is available for assessing the quality of individual AV software packages (for example quality of the heuristics function or response times in the event of a new virus occurring, etc.).

Beckhoff Automation does in no way transfer any warranty in regard to AV software.

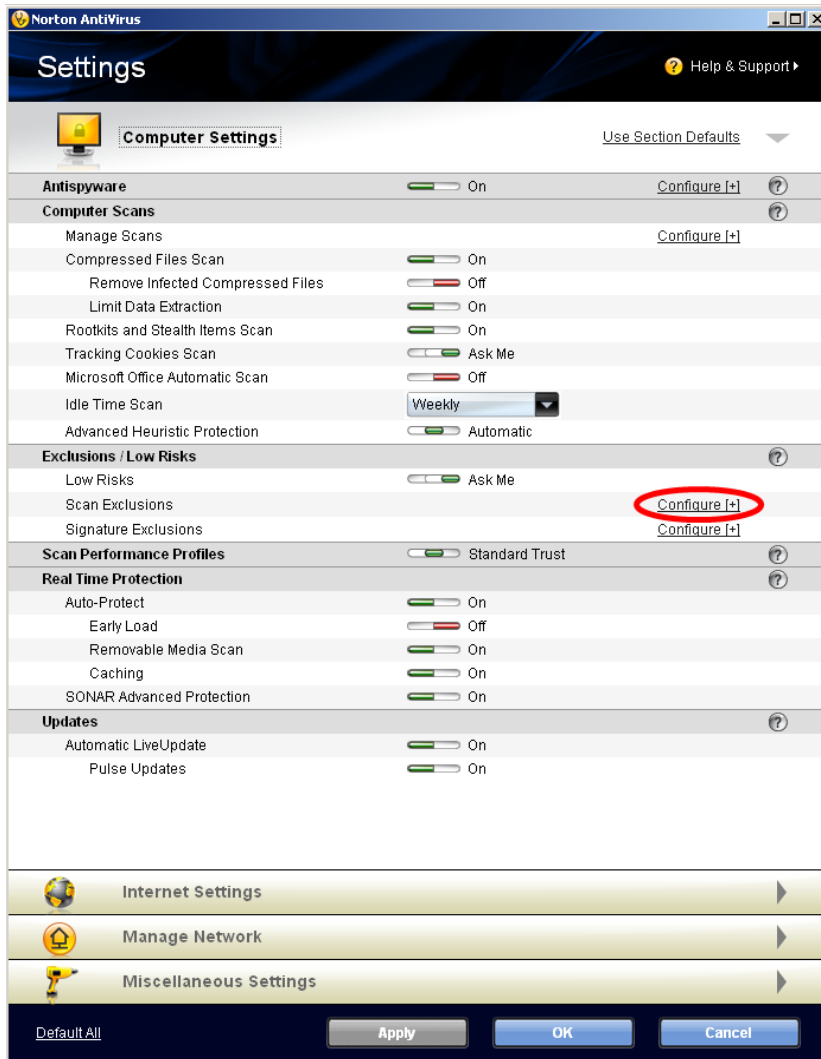
The following steps illustrate exemplarily the necessary settings for the exclusion of the TwinCAT folders with AV software products.

Norton AntiVirus (conditions: August 2009)

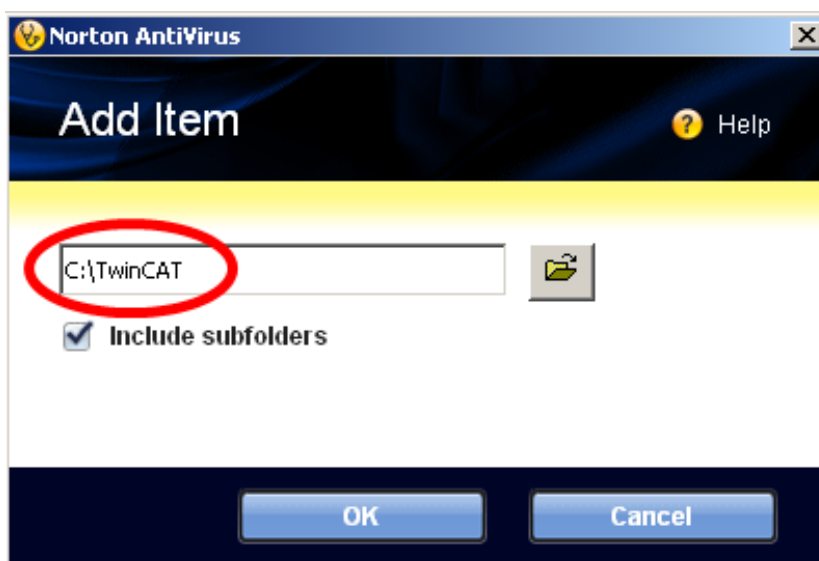
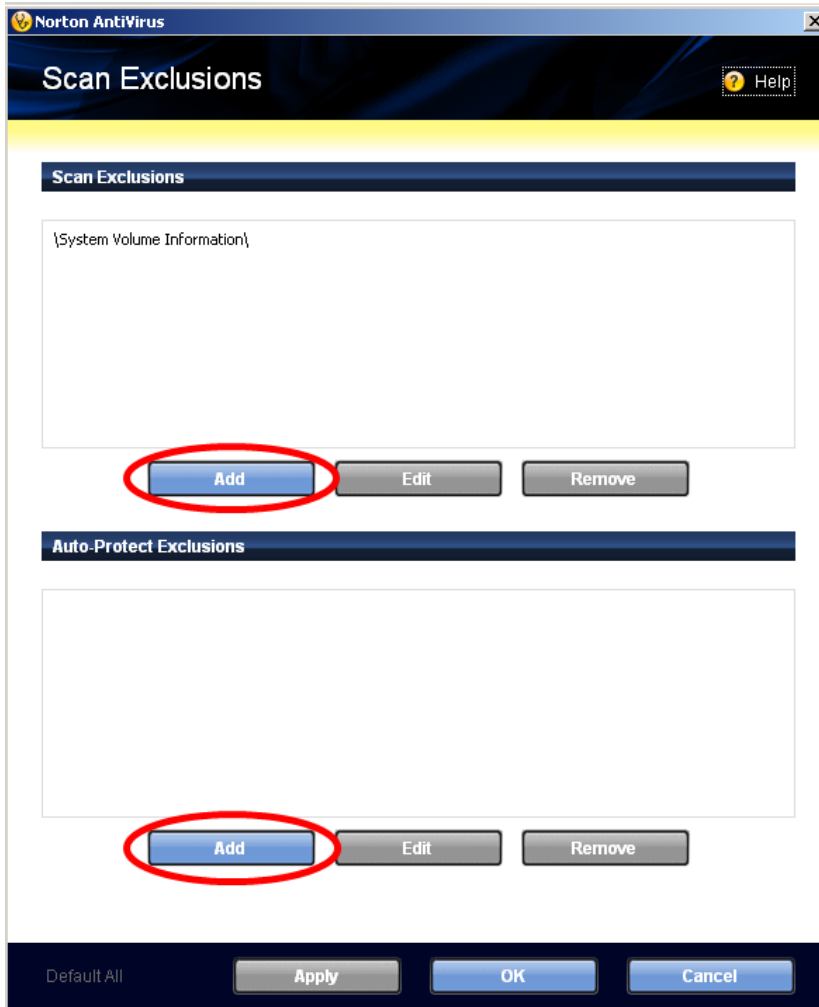
1. Open Norton AntiVirus (e.g. by Start > Programs > Norton AntiVirus > Norton AntiVirus)
2. Click 'Settings'



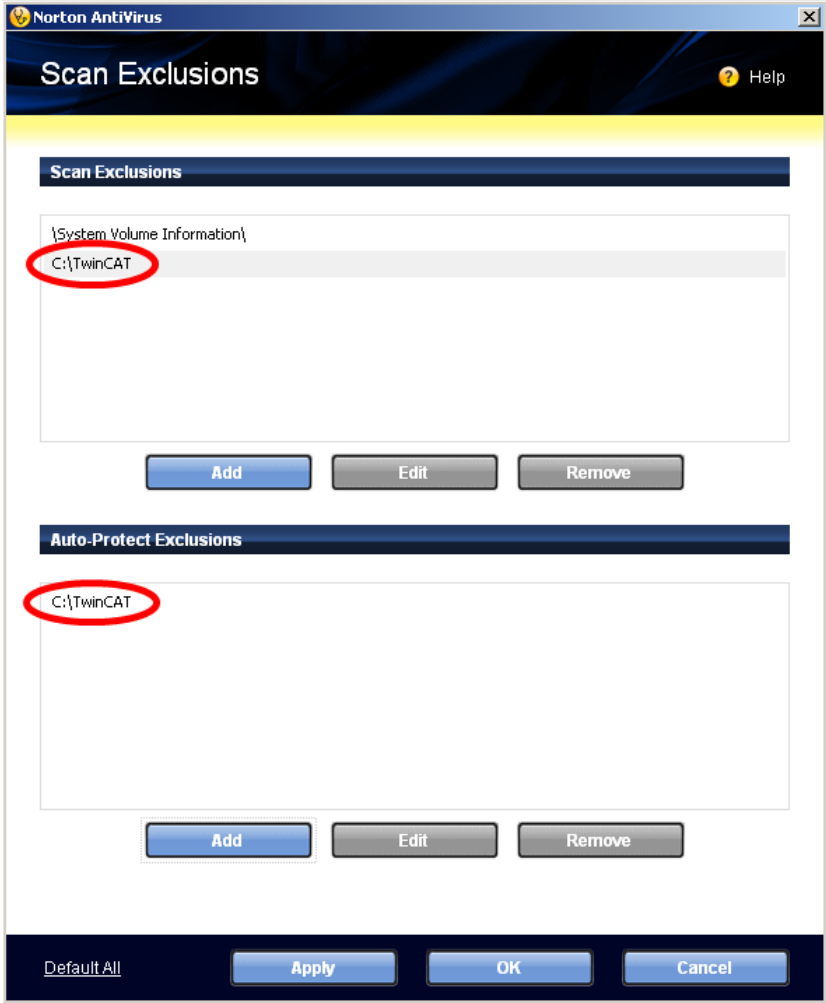
3. Click 'Configure [+]' at 'Scan Exclusions'



4. In each case click 'Add' and choose the TwinCAT folder in window 'Add Item'
('Include subfolder' is chosen by default and must persist chosen)



5. The TwinCAT folder must be part of both lists.

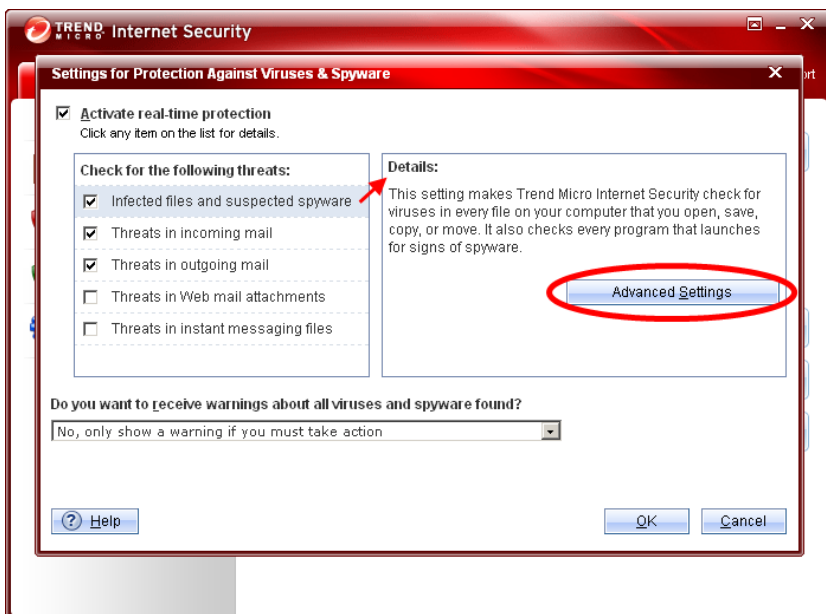


Trend Micro Internet Security (conditions: August 2009)

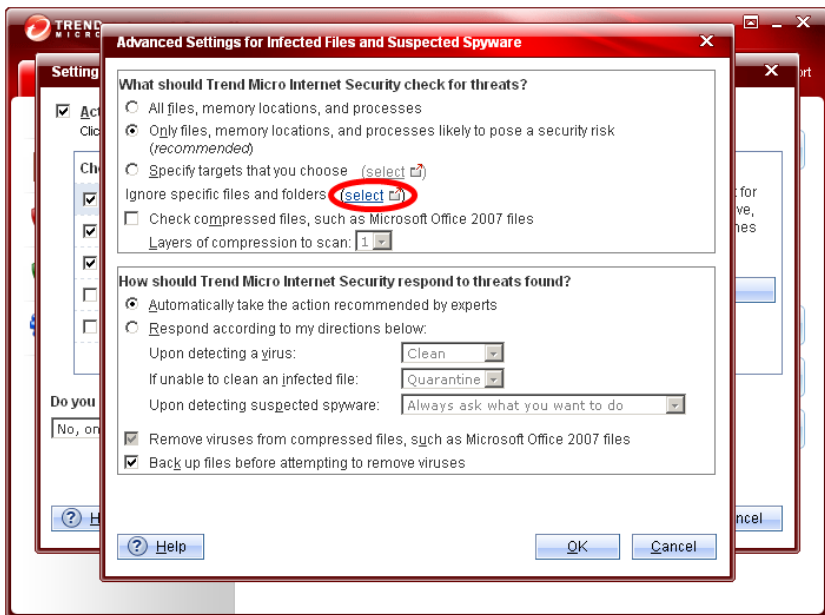
1. Open Trend Micro Internet Security (e.g. by Start > Programs > Trend Micro Internet Security > Trend Micro Internet Security)
2. First choose 'Virus & Spyware Controls' and then click 'Settings...'



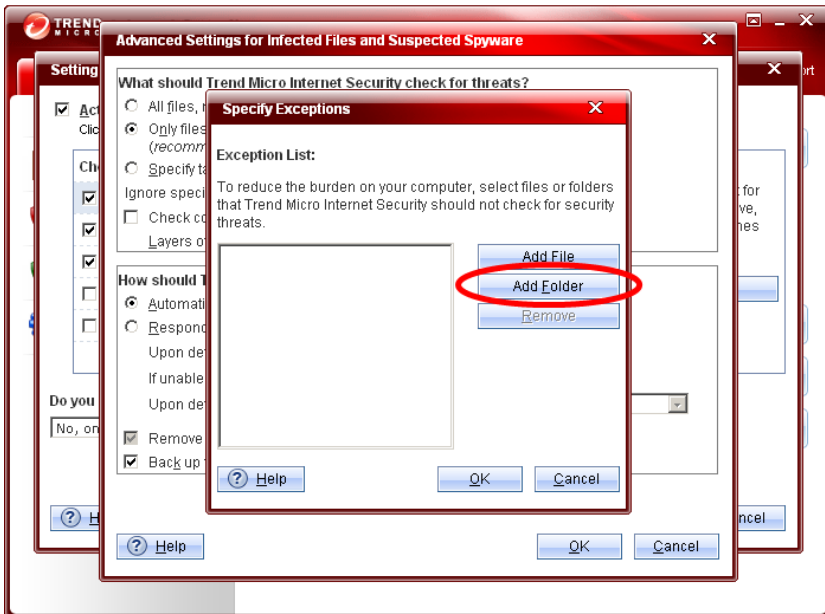
3. At the details of 'Infected files and suspected spyware' click on 'Advanced Settings'



4. Click 'select' at 'Ignore specific files and folders'



5. Click 'Add folder' and choose the TwinCAT folder



6. Concluding the TwinCAT-folder must be part of the 'Exception List'.

