nationalgrid

Engineering Bulletin EB/115

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Another operator's system has been affected by a virus designed to attack Industrial Control Systems (ICS). This virus called "STUXNET" is currently targeting Siemens S7 based control systems on Windows based operating systems.

To ensure National Grid (NTS) does not suffer a similar incident the following actions are to be taken.

Immediate Action

Where it is necessary for a National Grid employee or contractor, as part of authorised duties, to connect to any ICS equipment, the **Site Controller** shall ensure the following process is strictly applied:

1. Any media e.g. USB, CD's etc must be virus checked using eTrust anti-virus with signatures no older than one week. *Follow the guide on pages 2 & 3 of this bulletin to virus scan removable media using a National Grid supplied PC (desktop or laptop).*

2. Any computer or laptop must have an enterprise standard anti-virus solution installed that has, within the previous week, been updated with the latest signatures and that a full system scan for viruses has been undertaken since that update.

3. The application of the above controls for each and every requirement shall be recorded.

Medium Term Action

Investigations are continuing to determine the best way of virus checking our existing ICS whilst avoiding disruption to processes. Once this stage is completed, proprietary modification/alteration checking software will be evaluated to provide ongoing protection.
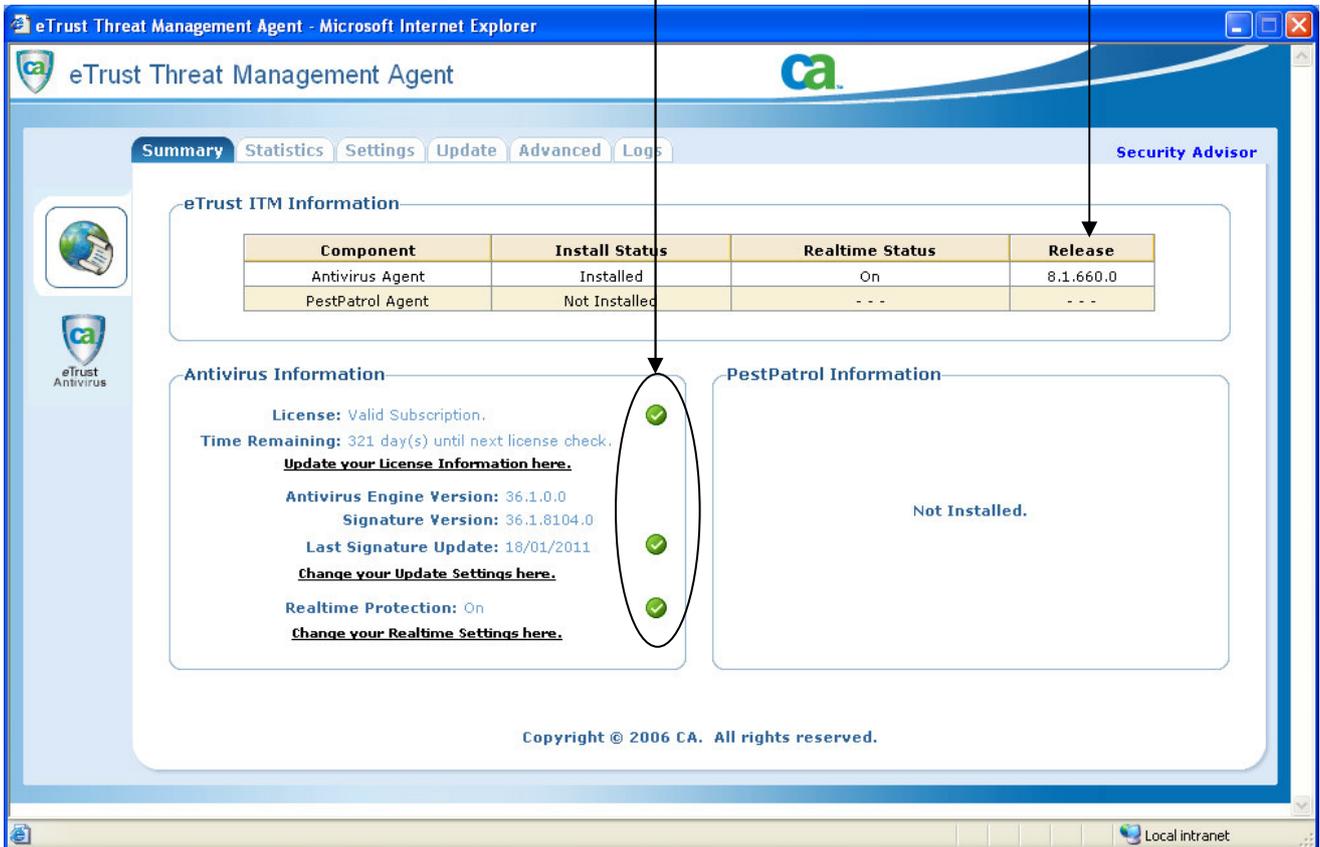
For further information regarding this Bulletin please contact your Line Manager or Keith McCombe on 07771 976586 keith.mccombe@uk.ngrid.com

1. 'Double click' to open eTrust

start

2. Ensure version is 8.1 or greater

3. Ensure all 3 'ticks' are green. If this is not the case, connect PC to the intranet to allow system update

eTrust Threat Management Agent - Microsoft Internet Explorer

eTrust Threat Management Agent

ca.

Summary | Statistics | Settings | Update | Advanced | Logs

Security Advisor

eTrust ITM Information

Component	Install Status	Realtime Status	Release
Antivirus Agent	Installed	On	8.1.660.0
PestPatrol Agent	Not Installed	- - -	- - -

Antivirus Information

License: Valid Subscription.
Time Remaining: 321 day(s) until next license check.
Update your License Information here.

Antivirus Engine Version: 36.1.0.0
Signature Version: 36.1.8104.0
Last Signature Update: 18/01/2011
Change your Update Settings here.

Realtime Protection: On
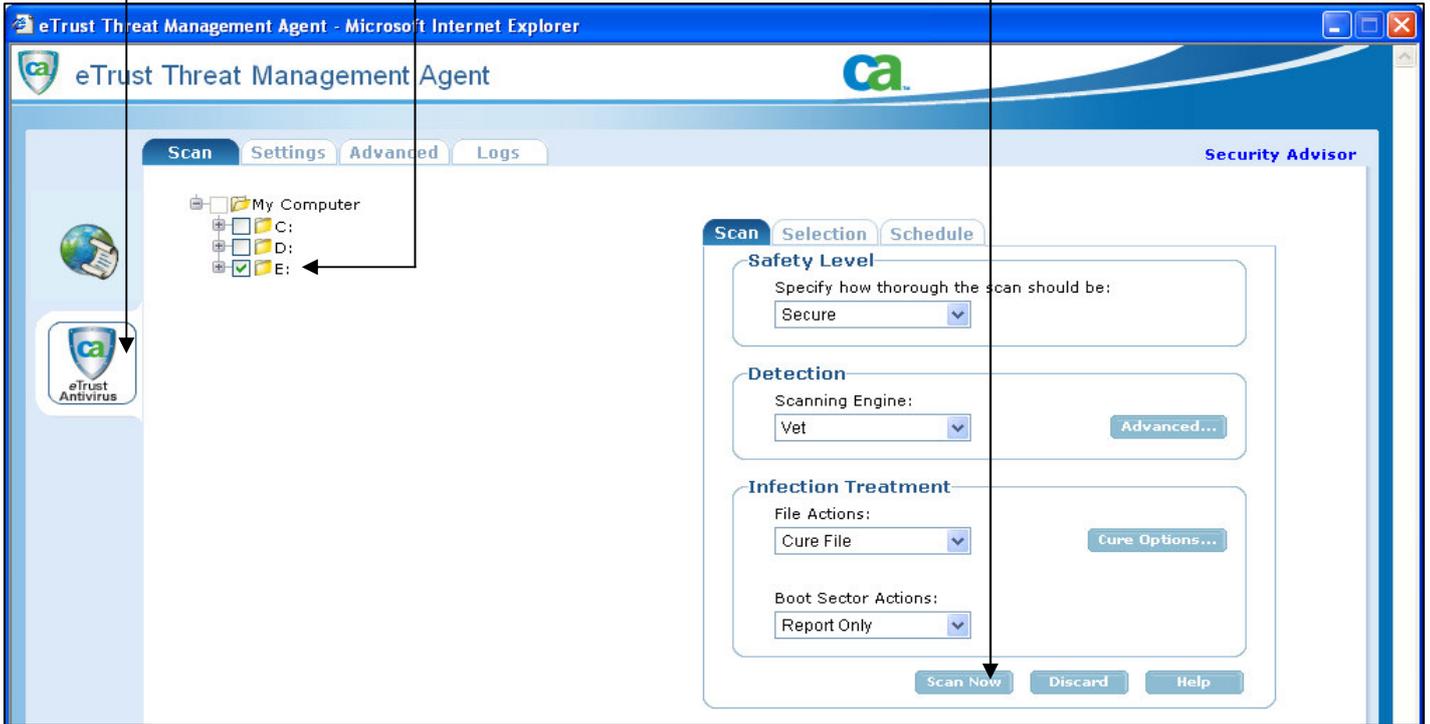Change your Realtime Settings here.

PestPatrol Information

Not Installed.

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Local intranet

4. Select eTrust Antivirus tab

5. Select drive or folder to be scanned

6. Select 'scan now'

eTrust Threat Management Agent - Microsoft Internet Explorer

eTrust Threat Management Agent

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Scan | Settings | Advanced | Logs

Security Advisor

My Computer
- C:
- D:
- E:

eTrust Antivirus

Scan | Selection | Schedule

Safety Level
Specify how thorough the scan should be:
Secure

Detection
Scanning Engine:
Vet
Advanced...

Infection Treatment
File Actions:
Cure File
Cure Options...

Boot Sector Actions:
Report Only

Scan Now | Discard | Help

7. Ensure Total infections are '0'

Scan Statistics

Scan Status: Done

Current Directory:

Statistic Field	Value
Job ID	1
Total Infections	0
Regular Files Scanned	292
Compressed Files Scanned	0
Files in Compressed Files Scanned	0
Errors	0
Files Reported Only	0
Files Cured	0
Files Deleted	0
Files Quarantined	0
Files Renamed	0
Boot Sector Infections	0
Boot Sectors Cured	0

If viruses are found immediately quarantine the infected drive and contact your line manager or Keith McCombe on 07771 976586 keith.mccombe@uk.ngrid.com