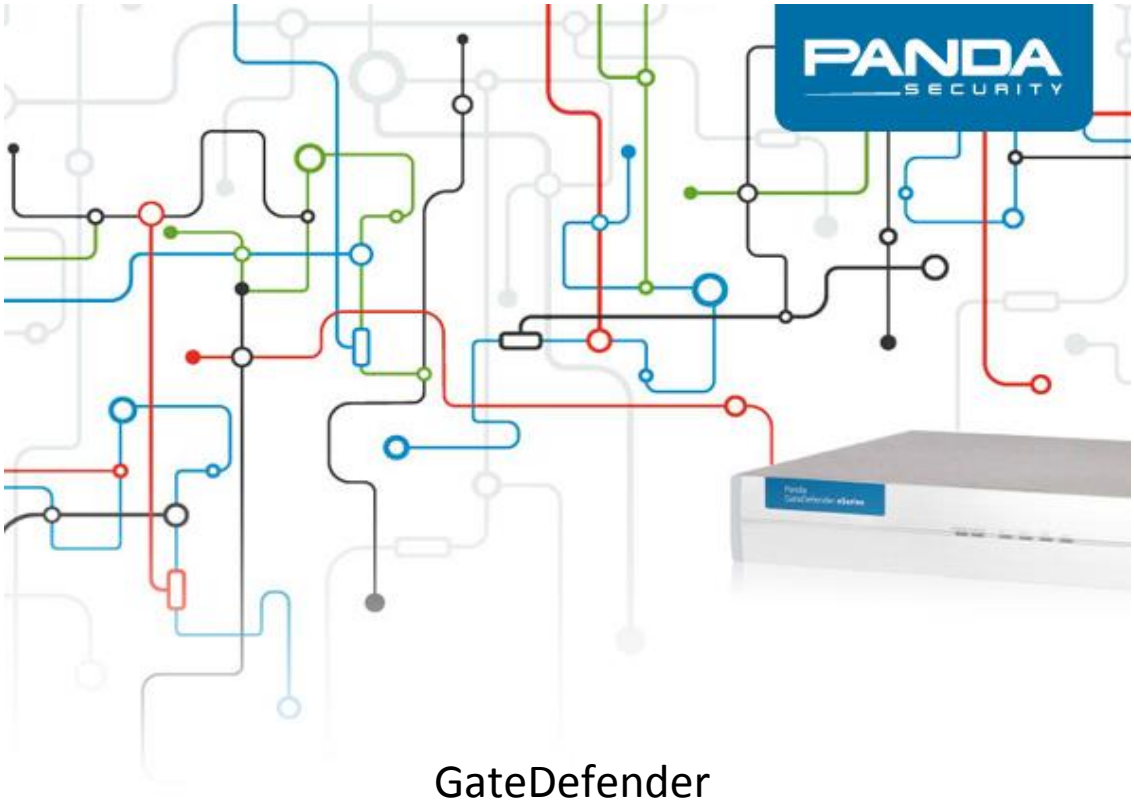

GateDefender

How to upgrade eSeries version 5.00.10 to 5.50

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GD 5.50

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Introduction

This document contains the procedure to upgrade GateDefender eSeries from version 5.00.10 to version 5.50.

GateDefender eSeries 5.50 includes major improvements compared to earlier versions, the main ones are:

- **Enhancements in the configuration wizard**: A new network mode has been added to enable the use of outgoing firewall and application control in bridged mode. The wizard has been redesigned, and now shows an initial screen with the three network modes in which the appliance can be set up. The user will be further guided through according to this initial selection.
- **Robust and scalable VPN:** Ability to provide multiple VPNs, with multiplied throughput and very granular access permission control.
- **Application Control:** Ability to identify and block more than 160 applications like Facebook, Skype, Spotify and WhatsApp, safeguarding business productivity.
- **Enhanced reporting** through a user friendly dashboard. It allows administrators to see in a single view a summary of the most important events that are happening in the appliance. It is also possible to drill-down and view each of the categories of events.
- **Real-time network monitoring**: A powerful tool that includes an intuitive interface and graphical representations of the traffic that flows through the Panda GateDefender Appliance.
- **Other improvements:**
    - SMTP proxy domain routing
    - Support for external authentication servers in the hotspot
    - More languages supported in the GUI

Given the wide scope of the version, and with the aim of achieving a smooth upgrade experience, it is recommended to follow the steps described in this guide to upgrade from 5.00.10 version to 5.50.

Backing up the current configuration

The first step is to create a backup of your current installation, so that you can import it after reinstalling the appliance and also as a preventive measure. You can create a backup from System → Backup.

Upgrading from version 5.00.10 to 5.50

This section describes the procedure to upgrade Hardware Appliances, Software Appliances and Virtual Appliances.

Hardware Appliance upgrade

There are two methods to upgrade GD eSeries to version 5.50:

The first and preferred method is the ***Image installation***, in other words, reinstalling the system using the 5.50 image that corresponds to the specific model.

The second is the **Package upgrade** method which allows you to upgrade the system from the Panda Perimetral Management Console. This option is recommended for models where image installation is limited due to lack of USB or CD connectors.

Image installation

Image installation is the recommended and preferred method to upgrade to version 5.50. Apart from the new features and improvements already described, the log partition has also been increased to accommodate any logging requirements that our customers may have. For obvious reasons this change can only be accomplished if the image installation method is used.

The image installation option is recommended for the following hardware platforms:

Type of platform	Platform	Image to be used
Legacy	Integra SB	Integra eSoho 5.50 image
Legacy	Performa SB	Integra eSB 5.50 image
Legacy	Performa 8105	eSeries Software appliance image
Legacy	Performa 9050	eSeries Software appliance image
Legacy	Performa Sun 9100	eSeries Software appliance image
Legacy	Performa Nexcom 9100	eSeries Software appliance image
Legacy	Sun 9200	Performa e9500lite 5.50 image
Legacy	Sun 9500	Performa e9500 5.50 image
Legacy	Nexcom 9500lite	Performa e9500 5.50 image
Legacy	Nexcom 9500	Performa e9500 5.50 image
eSeries	Intega eSoho	Integra eSoho 5.50 image
eSeries	Integra eSB	Integra eSB 5.50 image
eSeries	Performa eSB	Performa eSB 5.50 image
eSeries	Performa e9100lite	Performa e9100lite 5.50 image
eSeries	Performa e9100	Performa e9100 5.50 image
eSeries	Performa e9500lite	Performa e9500lite 5.50 image
eSeries	Performa e9500	Performa e9500 5.50 image

You need to burn the corresponding image into a USB drive. Once the HW/Software appliance image is burnt into the USB drive, the appliance needs to be booted from the USB device and the image will be automatically uploaded into the machine. This will be done in an unattended way for Hardware Appliance images, and in an attended way for Software Appliance images.

Please refer to **Annex 1. How to burn HW/Software Appliance USB images into a USB device** to create a bootable USB stick.

Depending on the model, there are some specific details to consider:

Integra SB/Performa SB:

Change the BIOS to boot your appliance from the USB drive:

1. Press the DEL key during startup to access the BIOS
2. Enter the password if you are prompted for it
3. In Advanced Bios Features, change the boot order:

4. In Hard Disk Boot Priority, make sure the USB device occupies the first position.

5. In Integrated Peripherals, enable the keyboard and the USB drives if necessary. Enabling the keyboard will allow you to access the console locally.

6. Reboot your appliance. The image will be automatically installed.

Performa Sun 9500:

The two NVidia network cards must be active in the BIOS so that the network interfaces can be detected. This step should have already been done to install the 5.00.10 version, so most probably it will not be necessary to do it again.

Performa Nexcom 9500lite and 9500:

You must connect the USB stick only after you power on the machine (e.g. 1 or 2 seconds after). After installation, remove the files named /etc/businfotab* and reboot the appliance, this will allow your appliance to correctly get the LAN port configuration from your machine.

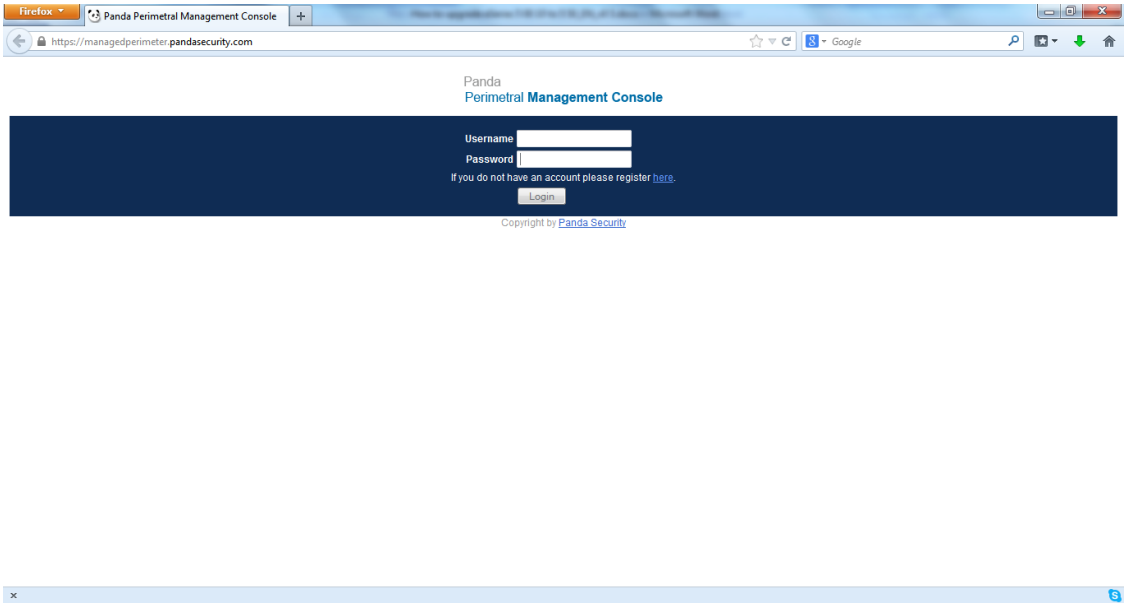
Please refer to the **Backup import and machine upgrade** section in this document to check the necessary steps.

Package upgrade

Package upgrade is the recommended option for Integra 300 and Performa 8100 platforms or any other systems you might find more suitable. The procedure to upgrade the packages is the following

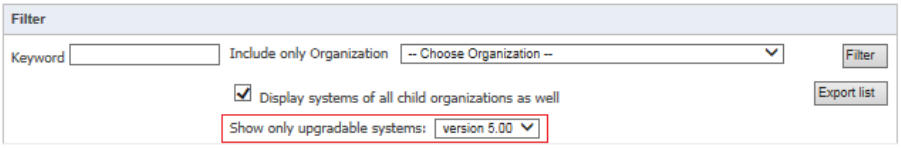
The first step will be to access the Panda Perimetral Management Console.

https://managedperimeter.pandasecurity.com/

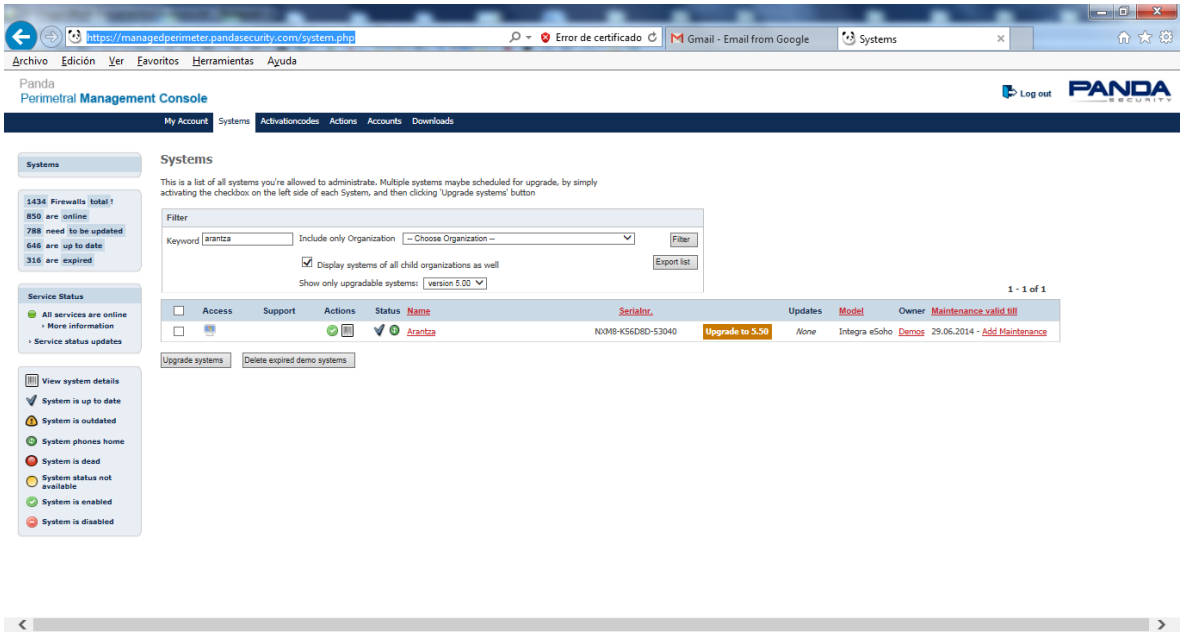


To log in, use your Panda Perimetral Management Console credentials. If you have any questions on this subject, please contact Panda Security Support.

From the Panda Perimetral Management Console, select the System or Systems you want to upgrade. A predefined filter is available to show only upgradeable systems:

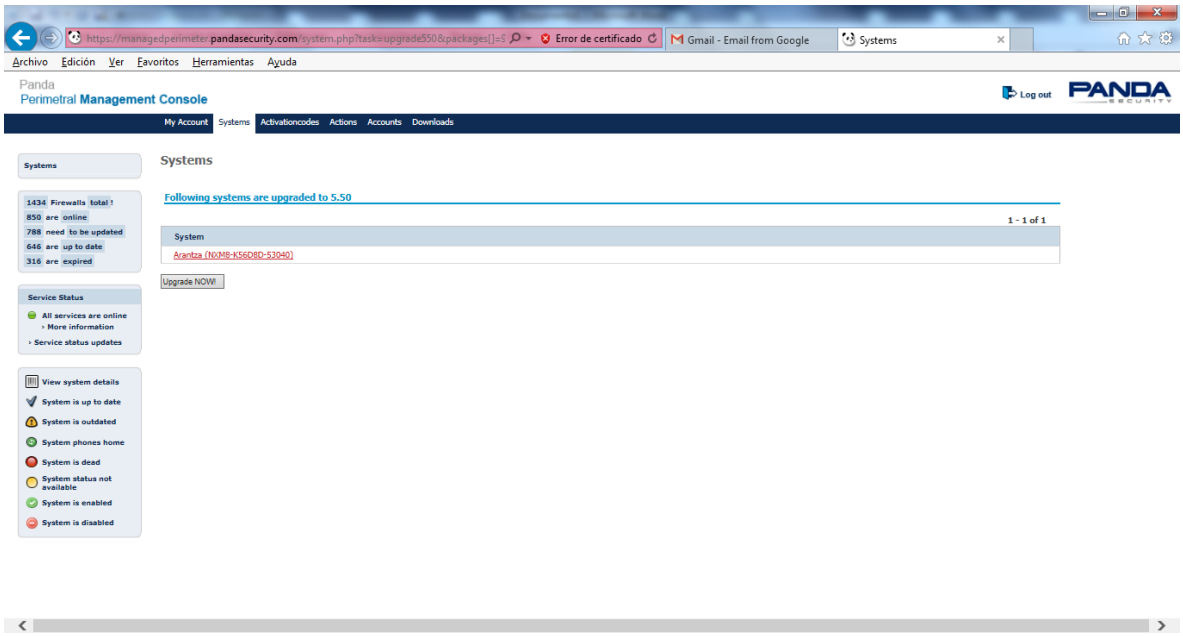


The next step will be to click on the button:

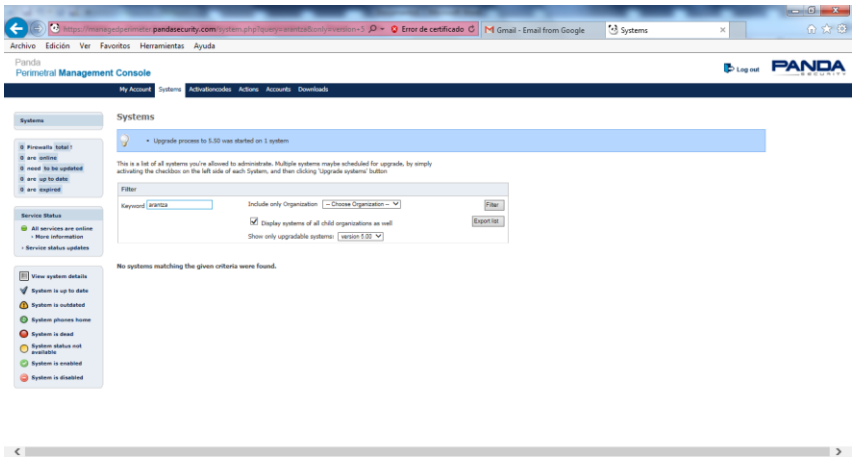

https://managedperimeter.pandasecurity.com/system.php
Error de certificado
Gmail - Email from Google
Systems
Archivo Edición Ver Favoritos Herramientas Ayuda
Panda
Perimetral Management Console
Log out
PANDA
My Account Systems Activationcodes Actions Accounts Downloads
Systems
1434 Firewalls total !
850 are online
788 need to be updated
646 are up to date
316 are expired
Service Status
All services are online
› More information
› Service status updates
View system details
System is up to date
System is outdated
System phones home
System is dead
System status not available
System is enabled
System is disabled
Systems
This is a list of all systems you're allowed to administrate. Multiple systems maybe scheduled for upgrade, by simply activating the checkbox on the left side of each System, and then clicking 'Upgrade systems' button
Filter
Keyword arantza
Include only Organization -- Choose Organization --
Filter
Display systems of all child organizations as well
Export list
Show only upgradable systems: version 5.00
1 - 1 of 1
Access Support Actions Status Name SerialNr. Updates Model Owner Maintenance valid till
Arantza NXM8-KS6D8D-53040 Upgrade to 5.50 None Integra eSoho Demos 29.06.2014 - Add Maintenance
Upgrade systems
Delete expired demo systems

A summary screen will show the systems that are are selected for upgrade. Click on the

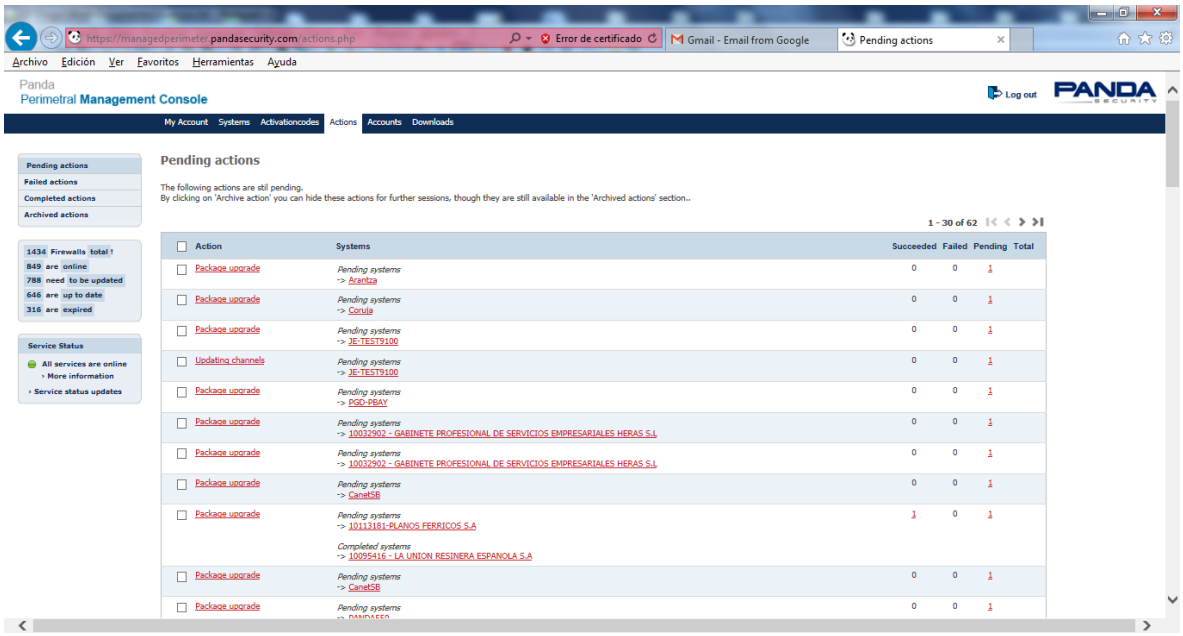
Upgrade NOW! button:



A message confirming that the upgrade process has started will then be displayed:



The Actions tab will indicacte whether the upgrade process was successfully executed, failed or is still pending.



Software Appliance upgrade

If you have a Software Appliance, you'll need to burn the software appliance image either to a CD/DVD or a USB stick. The image comes in ISO format as well as in IMG format, so you can decide which way is more suitable. In both cases, the image installation process is attended.

Please follow the instructions in **Annex 1. How to burn HW/Software Appliance USB images into a USB device** to create the bootable USB.

Once you have the bootable CD/DVD/USB, you'll need to change the boot order in the BIOS to start from the corresponding device, load the image and install.

Virtual Appliance upgrade

The .zip file created for the virtual appliance installation contains three .txt files with the instructions for installation in KVM, VMWare and Xen/Citrix.

Backup import and machine upgrade

This step needs to be followed only in the case of image reinstallation (as opposed to a package upgrade).

After installing the image, import the backup into the appliance. This will include the activation code information, so you will not need to activate the appliance again.

Once this step has been done, you will still need to update the Base Channel from the Panda Perimetral Management Console using the option Upgrade to 5.50 in order to configure the correct Base Channel version. Systems using version 5.00.10 use an activation code associated with a Panda GateDefender 5.00 Base Channel, whereas systems with version 5.50 need to use Panda GateDefender Hardware eSeries 5.50 Base Channel to correctly install future updates.

Refer to the **Package upgrade** section in this document to check the necessary steps.

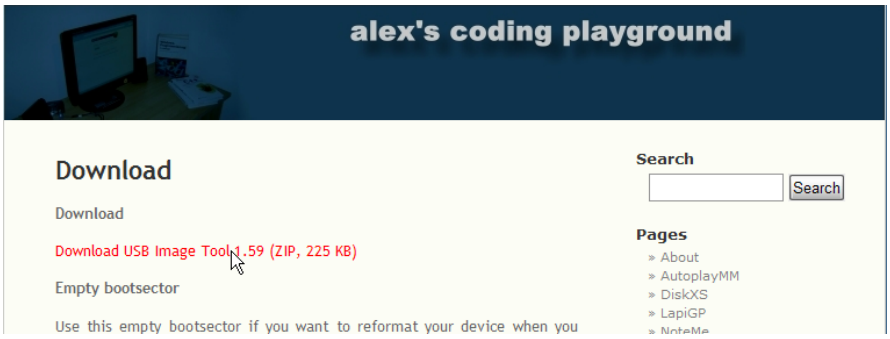
Annexes.

Annex 1. How to burn HW/Software Appliance USB images into a USB device

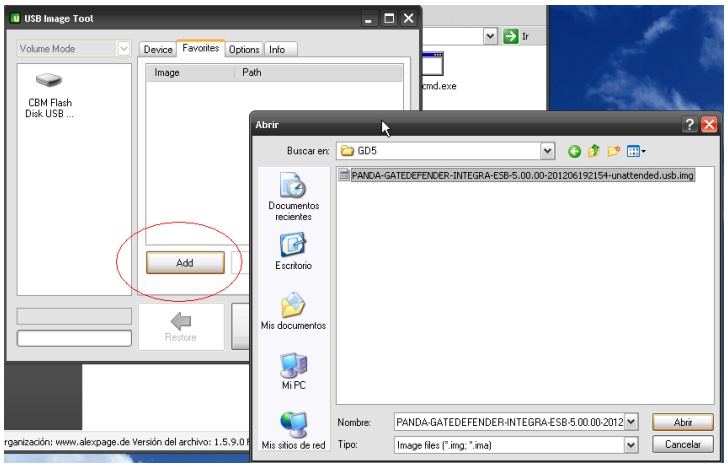
This procedure is valid to burn Integra eSoho USB images for the Integra SB model and the Integra eSB USB image for the Performa SB model. You need to burn a USB device for installation of the unattended version.

To burn the image to the USB drive, download the required application from the following address:

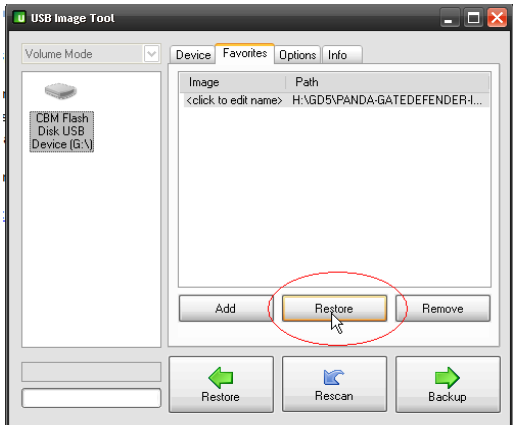
http://www.alexpage.de/usb-image-tool/download/



Once you have the image and the USB drive is connected, run the application. In the "Favorites" folder, click the Add button and select the downloaded image.



Then, select the USB device and the image and click Restore. At this moment, the created partition will not be accessible from Microsoft Windows.



Annex 2. Location of 5.50 version images

Hardware Appliance

Integra eSoho:

http://acs.pandasoftware.com/GDeSeries/Hardware/5.50/PANDA-GATEDEFENDER-INTEGRA-ESOHO-5.50.00-stable-201405211310-unattended.usb.img

MD5 checksum: 3b1ea87d88249fc2168c13224efa3820

Integra eSB:

http://acs.pandasoftware.com/GDeSeries/Hardware/5.50/PANDA-GATEDEFENDER-INTEGRA-ESB-5.50.00-stable-201405211304-unattended.usb.img

MD5 checksum: 15e3437bb35ef2bf33af5fc0f759ed9d

Performa eSB:

http://acs.pandasoftware.com/GDeSeries/Hardware/5.50/PANDA-GATEDEFENDER-PERFORMA-ESB-5.50.00-stable-201405211352-unattended.usb.img

MD5 checksum: 4c375541f987031556556b969b9d5b73

Performa e9100lite:

http://acs.pandasoftware.com/GDeSeries/Hardware/5.50/PANDA-GATEDEFENDER-PERFORMA-E9100LITE-5.50.00-stable-201405211335-unattended.usb.img

MD5 checksum: 8a61209286e03c23e0bde093b91a31b0

Performa e9100:

http://acs.pandasoftware.com/GDeSeries/Hardware/5.50/PANDA-GATEDEFENDER-PERFORMA-E9100-5.50.00-stable-201405211329-unattended.usb.img

MD5 checksum: f11aea51978381fb9f96de061a77a765

Performa e9500lite:

http://acs.pandasoftware.com/GDeSeries/Hardware/5.50/PANDA-GATEDEFENDER-PERFORMA-E9500LITE-5.50.00-stable-201405211346-unattended.usb.img

MD5 checksum: 17533a373beb32e45b5181c7afee2822

Performa e9500:

http://acs.pandasoftware.com/GDeSeries/Hardware/5.50/PANDA-GATEDEFENDER-PERFORMA-E9500-5.50.00-stable-201405211341-unattended.usb.img

MD5 checksum: 3f20679b1834f0dd6f13f72a61fbc331

Virtual Appliance

ISO image:

http://acs.pandasoftware.com/GDeSeries/Virtual/5.50/PANDA-GATEDEFENDER-VIRTUAL-ESERIES-5.50.00-stable-201405211319.iso

MD5 checksum: d3ad7647460e8e4aa25d9358ff3b9941

Software Appliance

ISO image:

http://acs.pandasoftware.com/GDeSeries/Software/5.50/PANDA-GATEDEFENDER-SOFTWARE-ESERIES-5.50.00-stable-201405211316.iso

MD5 checksum: c16726a30d03d38a16f40fe1da24ff5d

USB image:

http://acs.pandasoftware.com/GDeSeries/Software/5.50/PANDA-GATEDEFENDER-SOFTWARE-ESERIES-IMG-5.50.00-stable-201405211322-unattended.usb.img

MD5 checksum: 00546c8b091f282189bb10c7fb176472