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KBA0265 Upgrading MMDx firmware

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1 Requirements and application

This Knowledge Article explains how to upgrade the firmware of an MMDx scanner via the web interface

Application

The information in this document applies to MMDx50 and MMDx100

Requirements

- MMDx scanner
- Power supply for MMDx
- PC with Ethernet connection to the MMDx scanner
- New firmware version

2 Procedure

To upgrade the MMDx firmware do the following:

1. Open an Internet Explorer window and type in the IP address of the MMDx scanner (192.168.1.70)
2. The web interface of the scanner should now appear. On this page you can check the current version of the firmware to ensure that the firmware you will load onto the MMDx is newer.

MMDx Firmware - Windows Internet Explorer
http://192.168.1.70/cgi-bin/cgiserver?home

MMDx Firmware

MMDx FIRMWARE

METRIS

Home
Network
Upgrade

HOME

Type MMDx 100
Revision BB
Serial number 1927
Production date 20100831

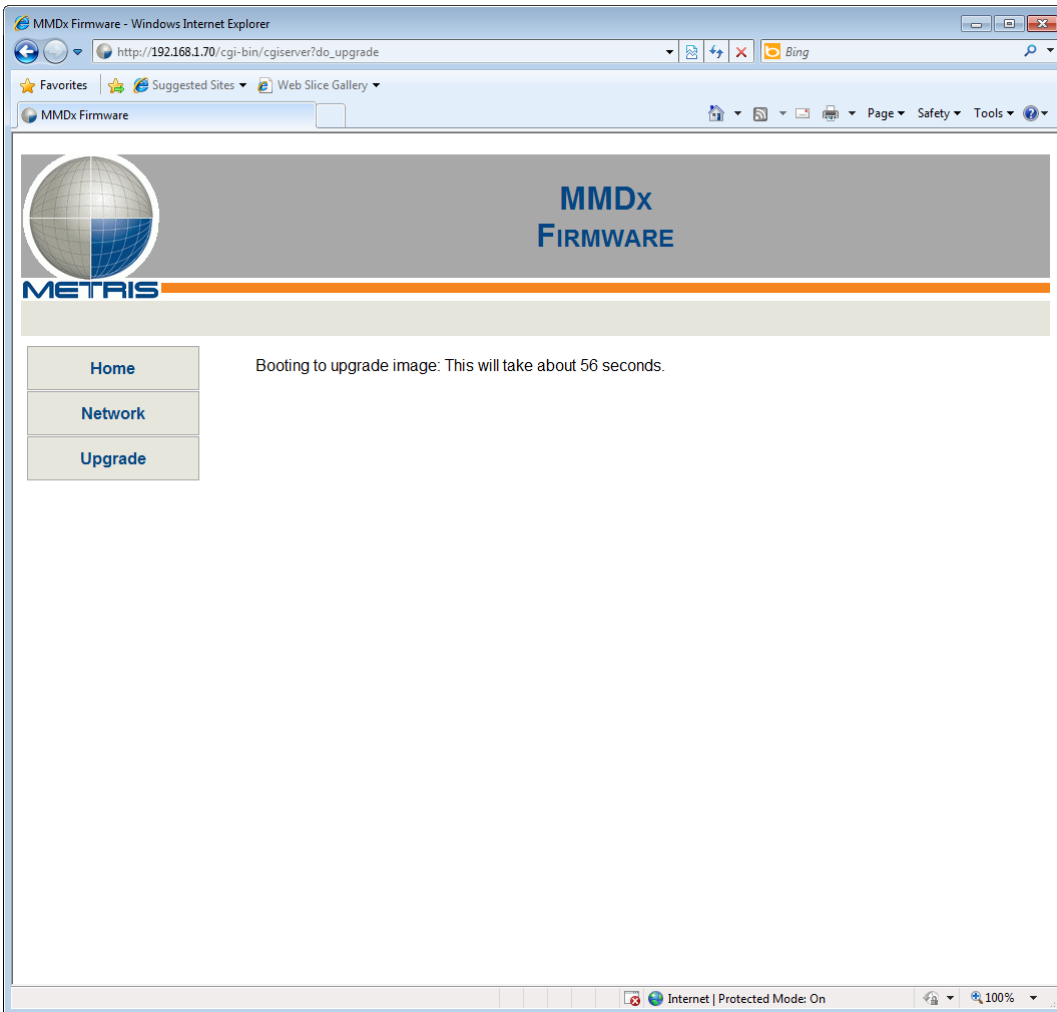
Firmware version :

```
Image container v01 'MMDx APPL'  
Hardware platform: MMDG2  
Build version 2.0.10.1360  
Timestamp: 27/08/2010 15:12:40
```

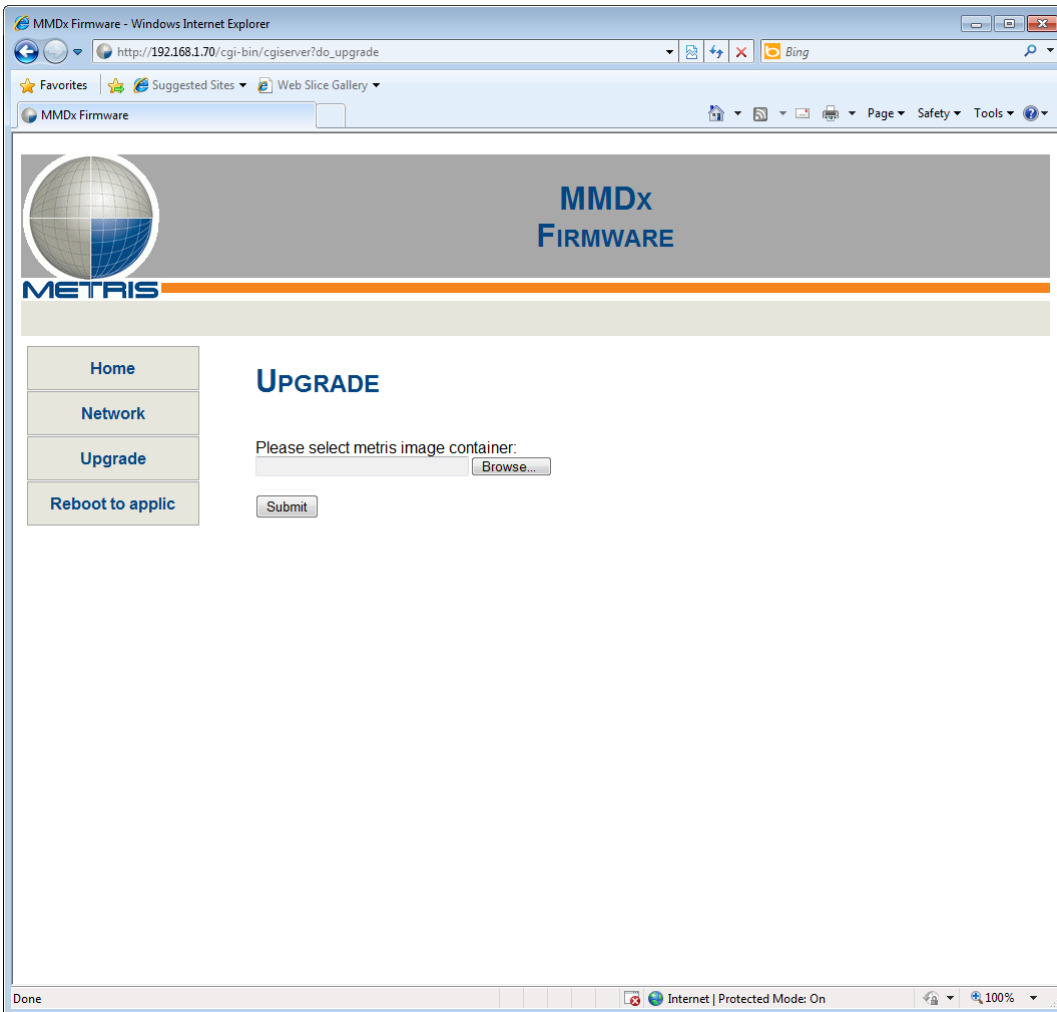
Type	Version	Timestamp
USER	2.0.10.1360	27/08/2010 15:12:40
FPGA	0.9.0.0	27/08/2010 15:12:41
OS	1.0.0.365	27/08/2010 15:12:42
ROOTFS	1.0.0.365	27/08/2010 15:12:43
RESCUE	1.0.0.365	02/07/2010 14:09:52
RESCUEROOTFS	1.0.0.365	02/07/2010 14:09:52
RESCUEFPGA	0.9.0.0	02/07/2010 14:09:52
BOOTLOADER	1.0.0.379	02/07/2010 14:09:53

Done Internet | Protected Mode: On 100%

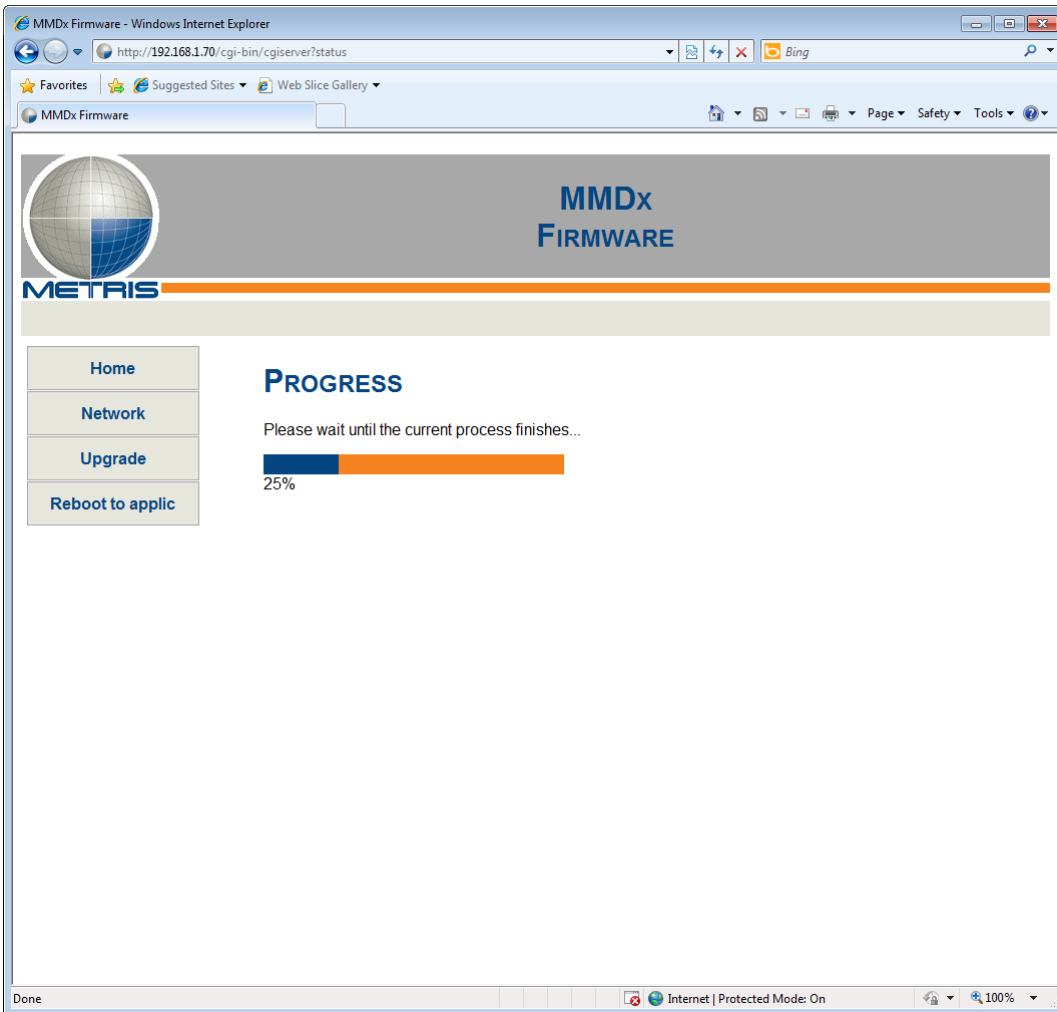
3. Press the "Upgrade" button. The scanner will now boot into a special mode that allows upgrading the firmware. This takes about 60 seconds.



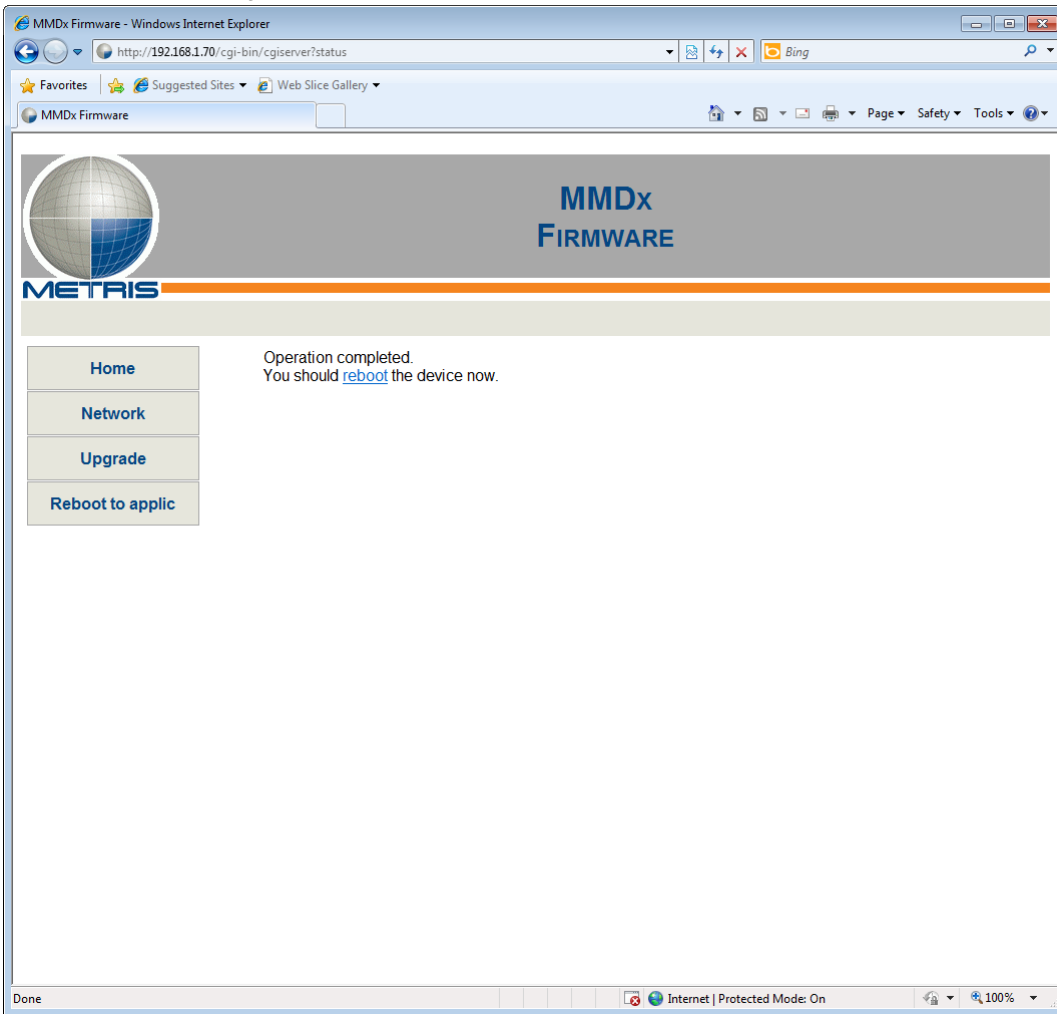
- Once the scanner has booted into the Upgrade mode, you will be able to indicate the path to the new firmware image with the "Browse" button.



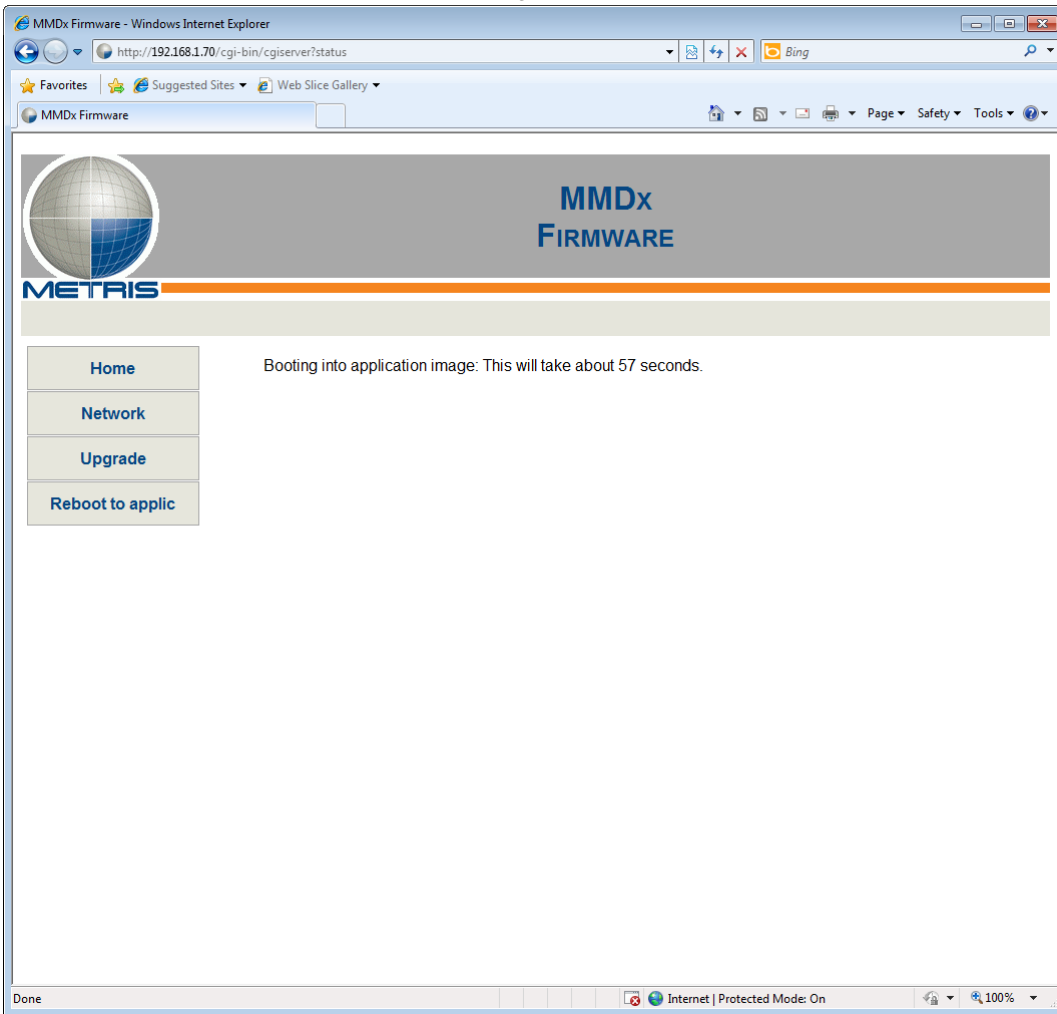
5. When the new firmware is selected, click the "Submit" button to start uploading the new firmware. The progress of the upload process will be shown.



6. When the firmware image is uploaded, click "reboot" to reboot the scanner with the new firmware.



7. The scanner will now reboot into normal operating mode. This takes about 60 seconds.



8. The scanner is now ready for operation with the new firmware.