

A row of satellite dishes in a field under a blue sky with clouds.

# **DELL Server requirements**

## **Fort Fox Data Diode**

This document contains the technical requirements for the proxy servers to be used with the Fort Fox Data Diode.

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## Proxy servers

**In order to use the Fort Fox Data Diode in an IP based network, 2 proxy servers are necessary. This document describes the technical requirements for these servers.**

The proxy servers that Fox-IT uses are ordered from DELL. In this document you will find the specifications Fox-IT uses to order the servers at DELL. It is however possible to make use of other DELL servers, or servers from another manufacturer. Please note that Fox-IT cannot guarantee that the server hardware is supported by the software or that performance and stability are maintained if other servers are used.

Partners are encouraged to order the proxy servers directly at DELL to save on shipping costs and to have an easier warranty process. Partners can of course also order the servers from Fox-IT but will be charged the agreed additional costs as described in the Reseller Agreement, excluding shipping and handling costs and all other costs.



## Dell servers

Fox-IT uses the DELL 1950 servers with at least the following specifications.

Component	DELL part
Server	PE1950 PE1950 PCI-X Riser (2 Slots) PE1950 Bezel Assembly
Processor	Xeon 5110 1.6GHz/4MB 1066FSB No second Processor option
Memory	1GB FB 667MHz Memory (2x512MB single rank DIMMs)
Hard drive	2x 146GB SAS (15,000rpm) 3.5 inch Hard Drive in RAID1 configuration. PE1950 3.5" HDD support chassis
RAID	PERC 5/i, Integrated Controller Card (8 ports, 256MB cache, battery backup) with RAID1 RAID connectivity.
CD ROM	24X IDE CD-ROM Drive
Power	Redundant Power Supply - No Power Cord Power Cord, PDU (Rack)
NIC	Standard Dual Broadcom® NetXtreme II 5708 Gigabit Ethernet-NIC
OS	No Operating System
Management	PE1950 OpenManage kit and FI Driver
Warranty	3YR BASIC NBD ONSITE Recommended Enterprise Support declined. Basic support with limited HW support, NBD only Base Warranty 1YR BASIC NBD ONSITE CFI EMEA Service. (SV-Hi) OR PowerEdge, RAID/partition Keep Your Hard Drive 3 Year
Extras	Sliding Combination Rapid/Versa Rail with CMA C3,MSSR1, Integrated PERC 5/i, min2/max2

In addition, depending on the client's requirements, one or two fibercards are required. The following PCI-X card is used: Intel® PRO/1000 XF Server Adapter

See [http://www.intel.com/network/connectivity/products/pro1000xf\\_server\\_adapter.htm](http://www.intel.com/network/connectivity/products/pro1000xf_server_adapter.htm) for more details.

## Your own servers

If you want to make use of other DELL or non-DELL Servers, please make sure that all relevant hardware parts are supported by OpenBSD version 4.1. You can find more information on OpenBSD on the following website:

<http://www.openbsd.org/plat.html>

You can also contact Fox-IT with your server configuration asking for a non-binding consult.