

## Application #020

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### **AMT-N6437 Netserve 300 c/w Remote Slim-line 15.1" VGA Monitor**



### The Product

The AMT-N6437 is a PC and monitor system incorporating the Netserve-300, and a remote 15.1" slimline display.

The Netserve-300 is a fully enclosed 300Mhz computer, which we are powering through a DC/DC converter from 24V dc to 5V dc: the module has all features built in to the box (2 x Ethernet, Dual USB, 2 x Comms, Audio, Print, etc), with the connectors accessible externally. We fitted the units with 128MB RAM, and we loaded Windows NT onto 512MB flash memory and inserted into the compact flash adaptor.

The display has the Philips LG 15.1" LM151X05 display, which we reduced the depth of the display by removing the back cover and mounting all control cards for the display into the rear of the LCD mounting frame. (On site, the display was mounted into a 35mm deep enclosure). Connection to the VGA output of the Netserve-300 into the VGA input of the remote monitor was by a male to male VGA cable. The Monitor was also powered by 24V dc.

### The Application

We supplied several of these units and they were used for personnel tracking within mines; whereby persons entering and leaving the mines were required to register at the PC which was mounted into the rock in the tunnels. The system had Windows NT, over which a SCADA package was run to track people in and out of the mine.

### Features

- Extreme Slim-line 15.1" TFT display (mounted in 35mm deep enclosure)
- Compact Flash to withstand Mine blast vibrations
- Fully compatible with Win NT / Win 2000 & platform SCADA systems.
- Expedient delivery time in this instance (2-3 weeks)
- Built and supported in Australia by Avisum Pty Ltd