



Investigating Solutions for Secure Computing and Collaboration in an Engineering Environment



Workstation blade enclosure: located in a "vault type room"
VTR: RGS sender



Diskless workstation client: located at engineer's office
RGS receiver

Remotely access 2-D & 3-D graphics workstations

Access applications on different platforms

Windows, Linux, and HP-UX

Increased security

Encrypted Communication
Blade contained in Vault Type Room (VTR)
Only video is sent to client
Client is diskless, no media

Greater collaboration

Perform multi-user remote collaborations

Easier shutdown/restart

Disconnect / connect from Blade

Run on any network

10 / 100 / Gig-E / VPN

Workstation blade specifications:

Dual 2.6 GHz AMD Opteron
2 GB PX3200 DDR RAM
146 GB Ultra 3 SCSI HD x1
NVIDIA Quadro FX540
Broadcom NetXtreme Gig-E

Workstation client specifications:

Intel Celeron C 332 2.8 GHz
512 MB PC420 RAM
No optical drives
No Hard drives
NVIDIA Quadro4 280NVS 64 MB PCI
NVIDIA Quadro4 280NVS 64 MB PCI-E
Broadcom NetXtreme Gig-E

Remote Graphics Software (RGS):

An advanced utility that allows you to remotely access and share your engineering or graphics workstation across different platforms and run on any network.

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