

Technical Datasheet for IT Professionals

- Platform
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- Devices supported
- Messages
- Security
- Failsafe response



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Platform

DataStream requires a Microsoft Windows NT operating system, and generally requires no client (Agent) on the devices it manages. All DataStream asks for is the device to communicate in a supported format, most commonly the ASCII format via an RS232 compliant serial port with XON/XOFF flow control and I/O buffering.

Hardware and software requirements

We recommend the following configuration as the minimum specification to ensure smooth running of the **DataStream** software.

Server

- Windows 2000, Windows Server 2003, Windows XP Professional.
- Pentium 450 MHz.
- 64 MB RAM.
- 1 GB local hard disk drive formatted to NTFS standard.
- Fast PCI Ethernet adapter.
- Backup device if log files are to be archived.

Client

- Windows 98SE, Windows 2000, Windows Server 2003 or Windows XP (Home or Professional).
- Pentium 133 MHz.
- 64 MB RAM.
- 1 GB Hard disk drive.
- Ethernet adapter.
- SVGA Graphics adapter (65,536 colours at a size of 800 x 600 pixels).
- SoundBlaster[™] compatible sound card.

Devices Supported

DataStream will support many common devices that include:-

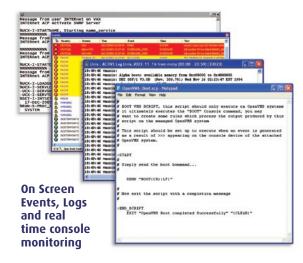
- OpenVMS consoles.
- The majority of **UNIX** consoles.

- Windows NT through the use of special agent software which allows NT to be managed through its RS232/Serial or TCP/IP ports.
- **Routers** and other networking hardware with RS232 / Serial port management.
- **PABX** systems with RS232/Serial port control or monitoring.
- **Environment Control** systems which have RS232 / Serial port management.
- Other hardware that can be controlled through a serial port.

Should you need to connect to an AS/400 system console, you will need additional hardware to convert the protocol to allow either TCP/IP Telnet access or RS232 serial access.

Messages

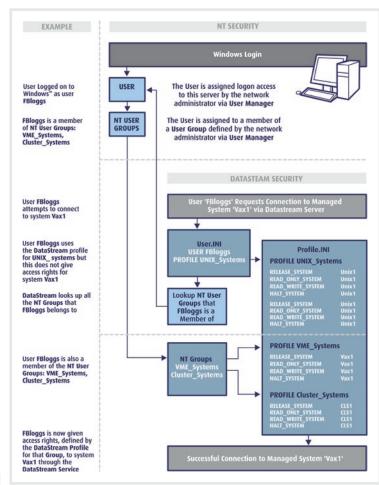
DataStream will time-stamp and log all messages received from the managed devices. With the use of advanced text algorithms, all of the messages are filtered and logged. Only important messages are brought to the attention of the relevant person, and this is done by variety of means, typically by e-mail, on-screen message in the GUI, SMS/pager and spoken message.











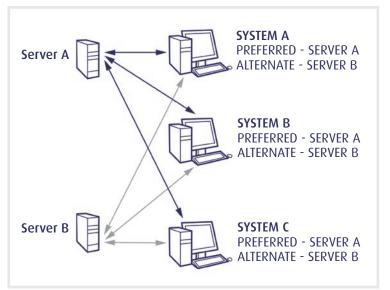
Security

DataStream has commanding security features that require each user to provide a valid NT/2000 user name and password to access the managed systems. User privileges such as access rights, write/read only are controlled by a system administrator. The application also supports multiple simultaneous accesses.

Failsafe Response

Should there be a system failure on the host server; **DataStream** will automatically fail-over to a backup server for continual operation.

Security Model



Partner Information

Failover

