

DSView 3 Software

## Discover DSView 3 software benefits for your branch offices and data centres

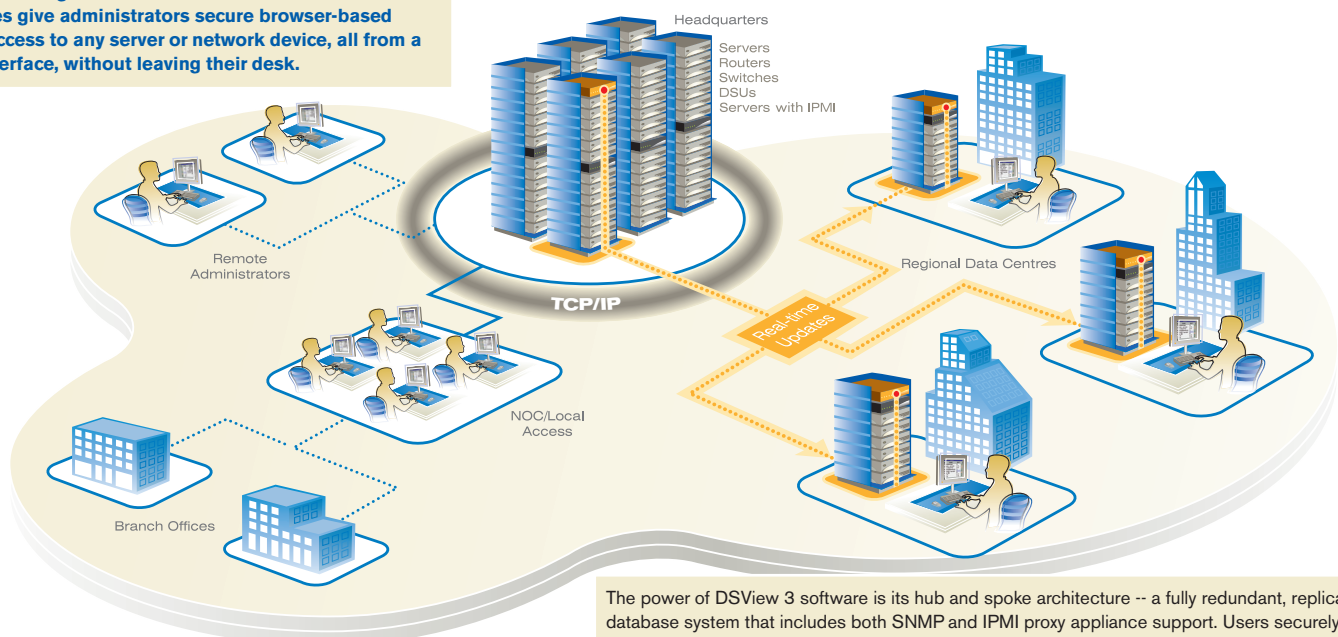
Leading data centres trust Avocent® field-proven DSView® management software to securely control complex, multi-geographical, data centres. DSView 3 software extends the Avocent patented KVM over IP centralised management system with a unique feature in the KVM industry – a hub and spoke architecture. This innovative system increases KVM switching manageability and security and gives data centres a fully redundant system with built-in backup/failover capabilities. With DSView 3 software, network administrators can easily use a browser-based system to manage local and remote data centres and branch offices. Administrators can prepare for disaster recovery or any outage with up to 15 remote mirror spoke servers. The spoke servers are synchronised in real time to prevent a loss of data or transactions in case the “hub”, or primary server suffers a problem or is shut down for routine maintenance.

Built on patented KVM over IP technology, DSView 3 software and DS Series appliances allow network administrators to use a single console for secure local and remote control of multiple servers, power and other network devices. Administrators can be at the desk, across the hall or anywhere in the world and configure, manage, upgrade and back up any device in the data centre from a single interface.

### DSVIEW 3 SOFTWARE BENEFITS

- Hub and spoke allows synchronised real-time updates
- Exit macros log out each user when a KVM session window is closed to maintain secure access
- Receive email notifications when selected events occur
- Upgrade appliances with simultaneous flash upgrades
- Allows access to IPMI-enabled servers and uses the same interface for KVM, serial and external-managed power connections
- Customised settings with selectable encryption modes, including video encryption
- Authenticate user permissions against internal or external databases, such as LDAP, Active Directory and NT Domain

**DSView 3 management software and the DS Series appliances give administrators secure browser-based remote access to any server or network device, all from a single interface, without leaving their desk.**



The power of DSView 3 software is its hub and spoke architecture -- a fully redundant, replicating database system that includes both SNMP and IPMI proxy appliance support. Users securely authenticate to a central management hub server or up to 15 mirror spoke servers if the primary server is unavailable. This allows for real-time updates and load balancing across multiple sites.



**Q: What are the major features in DSView 3 software?**

- A:
- Hub and spoke architecture for real-time updates, failover capability and load balancing across multiple sites
  - Browser-based interface for all functions
  - Integrated Dambrackas Video Compression™ (DVC) algorithm for optimised video performance
  - Menu-driven setup for advanced features like SNMP support
  - Enhanced audit logs and event notification
  - Customisable views
  - Support for servers with Intelligent Platform Management Interface (IPMI)

**Q: What are the hardware and software requirements for a hub or spoke server?**

- A: Hardware:
- 1 GHz Pentium 3 (2 GHz Pentium 4 recommended)
  - 512 MB RAM (1 GByte recommended)
  - 100 BaseT NIC (1 GByte LAN recommended)
  - One GByte free disk space
- Operating Systems:
- Windows NT® Server
  - Windows® 2000 Server or Windows 2000 Advanced Server with the latest service package
  - Windows Server 2003 Standard, Enterprise and Web Edition

**Q: Which browsers are supported?**

- A: Internet Explorer 6.0 browser and above are supported.

**Q: Does DSView 3 software allow for automatic scheduling of tasks?**

- A: Yes. Users can create and schedule tasks for configuration backup, audit log file exports, power on/off target devices and Avocent appliance upgrades. The tasks may be scheduled at reoccurring times and intervals without human intervention.

**Q: Does DSView 3 software have an audit log?**

- A: Yes. A searchable audit log stores all events involving any interaction. Searches may be done on date, event, devices or user. The audit log may be stored for any user-specified period of time or may be stored on remote media. The log may be saved to a CSV file to use with other reporting tools.

**Q: Does DSView 3 software notify a customer of events and how?**

- A: Yes. Pre-programmed events can be activated based on appliances, system, users, units, tasks, access control and sessions. Customers can run reports or choose to have an SNMP trap, email alert or page activated when an event is triggered.

**Q: How does DSView 3 software support LDAP?**

- A: When DSView 3 software is set up, it will be configured with external authentication for LDAP. The login request is redirected to the LDAP server.

**Q: Can users customise their views in order to look at specific categories and sort by filters?**

- A: DSView 3 software allows each user to tailor views of servers and other resources in ways that are useful to daily tasks or individual responsibilities. For example, a customer could set a view of all appliances with a filter that would only display those with "no power."

**Q: Can users view multiple connections on their monitor?**

- A: DSView 3 software allows multiple views of connections and resizing of sessions in order to manage bandwidth utilisation and real estate on their desktop.

**Q: How is authentication set for users or user groups?**

- A: Administrators set permission for users or user groups to control access to all attached devices. Central authentication prevents users from gaining access to devices they are not allowed to access.

**Q: What is DVC?**

- A: DVC features a set of 16bit video compression algorithms that enhance video and mouse performance without increasing network traffic. The video can be adjusted for color, grayscale or compression preferences, adjusting to the requirements a customer has for connection speed and network bandwidth.

**Q: Does DSView 3 software support video encryption?**

- A: Yes. It is available for every user or can be customised for individual users.

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