Dell® OpenManage®
Monitoring

Dell takes a straightforward, inclusive approach to systems management. We infuse simplicity into every level and phase of your technology solution.

➤ Easy management features built into Dell hardware
➤ Industry-standard flexibility and longevity
➤ Dell systems can be managed with third party management suites
➤ Dell OpenManage management tools work with third-party operating systems and software applications
➤ Connections enable Dell systems management from within large enterprise frameworks
➤ OpenManage tools facilitate simple management for each phase of the system lifecycle including deployment, monitoring and change management

Staying On Top of Your Systems’ Health
Once your technology is functioning within your environment, you want to make sure it stays up and running and operating to peak potential. You also want to get the most out of your IT investment. The more efficiently you can accomplish these critical goals, the more time and resources you can devote to supporting your organization.

Dell™ OpenManage™ provides hardware and software to help you easily monitor the health and availability of your Dell PowerEdge™ systems for maximum performance and return on investment. Featuring monitoring tools, OpenManage management software provides comprehensive functionality, a flexible interface, security and standardized integration. The latest version of OpenManage, shipped with every Dell PowerEdge server, offers significant enhancements over the previous version. It enables more efficient systems monitoring, both locally and remotely. This means you can monitor servers in your building or on the other side of the world – anytime, anywhere.

Baseboard Management Controller and Dell Remote Access Controller
Remote management is crucial in today’s IT environments where servers are in satellite offices with little or no IT staff, or they are locked away in secure data centers. Dell remote access products allow continuous access to servers. They deliver a full range of server management functions including monitoring, controlling, updating and recovering.

Baseboard Management Controller (BMC)
Dell® PowerEdge™ servers are equipped with a Baseboard Management Controller (BMC) that delivers basic remote access for customers who have less restrictive security requirements. Connected to server sensors, it allows you to maximize server performance by proactively monitoring server hardware. You can log server fault events, operate the server remotely, control power and reset the system. The BMC is based on the Intelligent Platform Management Interface (IPMI) industry-standard management specification. This enhances multi-platform interaction within your existing solution and is designed to support future technology additions.
Dell Remote Access Controller (DRAC)

The Dell Remote Access Controller (DRAC), an optional feature on Dell PowerEdge servers, is ideal for environments with remote systems that require high security and availability. It alerts administrators to server problems and allows secure, remote server management. DRAC also provides remote console operation regardless of the operating system state.

DRAC now offers greater functionality compared to the previous version. Virtual media devices are easier to add and support securely over encrypted connections, and DRAC allows you to view the temperature and voltage status of your hardware remotely. Additionally, DRAC is designed for seamless interoperability. It is integrated with other tools such as OpenManage™ Server Administrator and Dell IT Assistant to complement your full management capabilities.

Dell OpenManage Server Administrator

Dell OpenManage Server Administrator is a highly secure tool that allows you to manage individual servers and their internal storage arrays without going through a central console. You can implement configuration changes and updates anywhere, anytime. Configure features like BIOS settings and RAID levels and check whether you are taking advantage of the latest firmware, BIOS or drivers and perform updates. Additionally, you can track who made modifications to the server, what is installed in the server slots, or run diagnostics on a system without shutting it down.

Dell IT Assistant

Operating from a central console, Dell IT Assistant helps you manage Dell servers and clients distributed on your network through an intuitive Graphical User Interface (GUI), so you can view the status of your Dell servers at a glance.

Dell IT Assistant has automatic discovery and inventory reporting, saving you the time of conducting a manual inventory. You can create used-defined groups to match server usage in your organization, making it easier to keep track of system health. IT Assistant identifies systems experiencing problems and alerts the administrator. Finally, IT Assistant helps you manage internal storage configurations with an auto-detection feature that identifies internal storage components running the Array Management agent.

This comprehensive, standards-based console is integrated with other OpenManage tools such as OpenManage Server Administrator.

Local Alerts and Automation

For local monitoring, Dell servers are equipped with features that simplify system status tracking. Active ID and LCD readouts provide local alerting and monitoring with a clear visual display of the server status. A second indicator on the rear of the chassis synchronizes with the Active ID in the front so you can identify a system with issues from any vantage point.

Partner-Integrated Monitoring Solutions

Integrated with leading industry solutions, Dell monitoring tools help maximize your existing IT investment and improve functionality across platforms. Standards-based Dell OpenManage Connections facilitate Dell server management using management applications including Dell Management Pack for Microsoft Operations Manager (MOM), Dell OpenManage Connection for CA Unicenter, Dell OpenManage Connection for HP® OpenView® Network Node Manager, Dell OpenManage Connection for IBM® Tivoli™ Enterprise Console, BMC® Patrol®, and NetIQ® AppManager.”