

Increase security, sustainability, and efficiency with robust Dell server management tools

Compared to the Supermicro management portfolio



Strengthen security with **3.5x the security features**

Including two-factor authentication and external key management with iDRAC9

Dell offered more robust security controls

Dell™ OME defines user privileges with role-based and scope-based access control.

Dell iDRAC offered two-factor authentication with either email or RSA SecureID, preventing unauthorized users from gaining access to sensitive data, while Secure Enterprise Key Manager adds another layer of security with full disk encryption and external key management.



Optimize energy efficiency with more than

6x the power consumption reports

With 20 reports in Dell OME vs. 3 reports in Supermicro SSM

Dell offered better monitoring and management of power consumption

More power consumption reports and granular metrics in the Dell OME Power Manager plugin let admins leverage capacity planning and power management to maximize efficiency.



Increase operational efficiency by saving **1hr 50 mins admin time** per 100 servers

Using automatic updates with Dell iDRAC9 vs. no automatic updates available with Supermicro IPMI

Dell offered automated scheduled updating

With Dell iDRAC9, configuring automatic updates on a schedule is a one-time task that saves time on every update cycle.

Dell OME supports firmware updates for all components and Windows driver updates.

The tools we tested:

	Dell solution	Supermicro® solution
Embedded/remote server management	iDRAC9 (Integrated Dell Remote Access Controller)	Supermicro Intelligent Management (IPMI)
One-to-many device management console	Dell OpenManage™ Enterprise (OME) Dell CloudIQ*	Supermicro Server Manager (SSM)

To learn more, read [the report](#) and the [science behind the report](#)