

# MergePoint® 5200

## Service Processor Manager



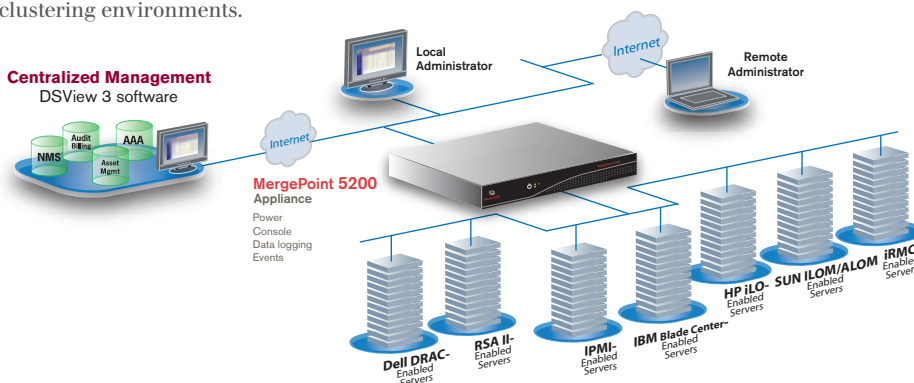
### Secure, Remote Server Management Using Service Processors

The MergePoint® 5200 service processor (SP) manager streamlines and consolidates the management of servers with SP technologies; specifically, Intelligent Platform Management Interface (IPMI, versions 1.5 and 2.0), Dell® Remote Access Card (DRAC), HP® Integrated Lights-Out (iLO), IBM® Remote Supervisor Adapter II (RSA II), Sun® Advanced Lights Out Management (ALOM), Sun Integrated Lights Out Management (ILOM), Fujitsu-Siemens integrated Remote Management Card (iRMC) and IBM BladeCenter. As part of the MergePoint 5200 series of service processor managers, the MergePoint 5200 appliance provides secure Serial over LAN (SoL) console access, power control and server hardware monitoring, and the new DirectCommand feature, which enables transparent, secure access to the SP's native interface, along with IPMI provisioning and SP auto discovery. When used in conjunction with DSView® 3 management software, the MergePoint 5200 SP manager provides essential server coverage, which complements the overall management infrastructure.

The MergePoint 5200 appliance offers both a feature-rich Web user interface as well as a command line interface that leverages the Systems Management Architecture for Server Hardware Command Line Protocol (SMASH CLP), a standards-based user and scripting interface defined by the Distributed Management Task Force (DMTF). This provides a single command line interface to manage servers from multiple manufacturers, simplifying management and streamlining interoperability while providing scripting and automation capabilities.

The MergePoint 5200 appliance not only makes it easier to take advantage of SP features, but also enhances SP functionality with add-on features. For example, the SoL feature complements the continuous data logging capabilities, resulting in additional security and auditing. The MergePoint 5200 appliance allows enterprise-class authentication, authorization and auditing (AAA) security and encryption, and extends this functionality to all servers. Also, simultaneous power control of multiple servers boosts the already existing power management capabilities of SPs, including graceful shutdown support for IPMI. These features allow the user to completely unleash the power of SP technologies.

The MergePoint 5200 appliance also eases the deployment and management of these technologies. With easy-to-use IPMI provisioning capabilities and an auto discovery mechanism for server management technologies within the network, the MergePoint 5200 appliance is ideal for enterprise data centers as well as for high performance computing (HPC) and other clustering environments.



### Applications

- Logical consolidation of service processors (IPMI, DRAC, iLO, RSA, ALOM, ILOM, iRMC)
- Server and cluster management
- IPMI provisioning and management
- Integration of service processors into management framework
- Remote power control for servers without intelligent power distribution units (IPDUs)

### Benefits

- Better use of already deployed server management capabilities
- Consolidated server management regardless of the SP type
- Full-featured remote server management from a single interface
- Faster, easier IPMI deployment
- Better auditing, faster troubleshooting
- Simplified integration with other management tools
- Easier compliance with internal security policies and integration with existing security systems

## Hardware Specifications

**CPU:** Celeron 2.95 GHz

**Memory:** 512 MB RAM

**Storage:** 80 GB SATA hard drive, 7200 rpm

**Power:** 260 W universal

**Interfaces:** 2x 1 Gigabit Ethernet ports  
1x RS-232 serial console port

**Operating Temperature:** 52°F to 95°F (0°C to 35°C)

**Storage Temperature:** -31°F to 158°F (-35°C to 70°C)

**Humidity:** 10% to 90% noncondensing

**Dimensions:**  
(WxDxH) 16.8 x 14 x 1.7 in.  
(42.7 x 35.6 x 4.3 cm)

**Weight:** 15 lb (5.9 kg)

**Supported Hardware:**  
SP support IPMI 1.5, 2.0; DRAC III, 4, 5; iLO, iLO 2; ALOM, ILOM;  
iRMC; RSA II, IBM BladeCenter

**Certifications:** FCC Class B  
EN 60950/IEC 60950  
UL Listed (USA)  
CUL Listed (Canada)  
TUV Certified (Germany)  
CE Marking (Europe)

## Features

### Server Management

- Console access via SoL
- SoL data logging
- Power on/off/cycle/status support
- Graceful shutdown support (IPMI only)
- Group execution of commands
- System event logs (SEL)
- Hardware environmental sensors
- Event and alert management
- Platform event traps (PET)
- Integrated support for Microsoft® Remote Desktop Protocol (RDP) and Virtual Network Computing (VNC)

### Service Processor Management

- IPMI provisioning
- SP auto discovery
- Serial console over LAN
- DirectCommand – automatic login to the native SP Web interface
- Support for remote KVM and Virtual Media from SP
- Granular access control to power, sensors, console, event logs and DirectCommand functions
- Ability to create custom SP profiles to interact with unsupported SPs
- Direct access to remote KVM and Virtual Media from SP

### Security

- SSHv1 and SSHv2
- Local, RADIUS, TACACS+, LDAP, NIS, Active Directory, SMB and Kerberos authentication
- Token-based strong authentication (RSA SecurID®)
- Local fallback user authentication (remote failure)
- Group authorization from authentication servers
- System event logs
- Console data logging

### User Interface

- Embedded Web interface
- Standards-based command line interface (SMASH CLP)
- Single, consolidated Web interface with DSView 3 software integration
- SSH device management command options

Part Number	Model	Description
MGP5200-001	MergePoint 5200	IPMI/DRAC/iLO appliance, includes initial 64 target licenses (max. 256 target licenses per appliance)
MGPUG-64	MergePoint 5200	Additional 64 target licenses
MGPUG-128	MergePoint 5200	Additional 128 target licenses