



Microsoft Dynamics SL solutions brief



Frontline innovation

HP and Microsoft® have a strong history of sharing technology and engineering resources to bring to market innovative products, services, and solutions that drive customer success. Frontline collaboration and shared ISV partner community all combine to help you design the perfect Microsoft Dynamics SL (Solomon) solution for you or your customers. We provide you with detailed guidance on the most common Microsoft Dynamics SL deployment scenarios, all built on the foundation of HP ProLiant servers and storage solutions that you can trust to deliver an exceptional ownership experience. HP ProLiant servers provide simplified management for greater efficiency and optimum use of resources, a proven level of reliability and availability along with built-in security.

Dynamics SL Application architecture

Microsoft® Dynamics SL is a comprehensive business-management solution that offers cost-effective management and integration of finances, e-commerce, supply chain, manufacturing, project accounting, field service, customer relationships, and human resources.

Dynamics SL is a multi-tier application consisting of a presentation layer, runtime engine, application dictionary, and database. For single-user installations, all components are installed on a single workstation. However, for the multi-user installations covered in this document, the thick client application (runtime engine and Solomon application dictionary) are installed on individual workstations and the data for the system is managed by a separate server. Clients can access this server directly over a LAN or remotely using terminal services. The database server is the heart of a multi-user Dynamics SL deployment and must be sized according to the number of concurrent users, transaction volume, and storage requirements for your specific situation.



Microsoft



External storage options

Microsoft Dynamics SL is a highly configurable application platform. Often a solution provider will create a customized application tailored to the needs of a specific client. Only you can know your exact data capacity requirements. However, these configurations include guidance on the recommended HP storage solutions and disk configurations for a typical deployment. Below is an overview of the external storage options used in these recommended configurations.

Direct attached storage

The HP StorageWorks MSA50 is a 1U rack mount enclosure that can hold up to 10 small form factor serial attached SCSI (SAS) disks of either 36GB, 72GB, or 146GB. The enclosure also supports 60GB small form factor SATA drives. The HP StorageWorks 70 Modular Smart Array is an end-to-end flexible storage array, offering data availability, enhanced reliability, enhanced performance, and tiered storage capability with SAS and SATA drives and investment protection. Enclosures can be cascaded in a 1+1 configuration allowing a maximum of 50 drives in a 4U configuration behind each port on the Smart Array P800 controller for a total of 100 drives and a capacity of 14.4TB.

For more information visit:

www.hp.com/servers/proliant

www.hp.com/go/storageworks

www.hp.com/servers/proliantessentials

www.microsoft.com/dynamics/sl

HP ProLiant Essentials Foundation Pack

Featuring all the software needed to install, configure, and manage HP ProLiant servers, the HP ProLiant Essentials Foundation Pack brings together trusted software tools that continue to lead the industry. Included with most ProLiant servers, this suite of deployment and manageability basics includes HP SmartStart, HP Systems Insight Manager, HP Management Agents, support tools, and integration modules for enterprise management tools. So, from maximizing efficiency while integrating operating system software to networked systems manageability, HP ProLiant Essentials Foundation Pack components offer a single source to ensure that ProLiant servers get off to the right start.

Disclaimer

The configurations presented here are examples only and may not reflect true production configurations or match a specific customer's situation due to the flexibility in the Microsoft Dynamics product. HP and Microsoft recommend performing a Business System Architecture assessment to obtain a proper configuration for your specific business requirements. To request an assessment please contact your Microsoft Dynamics partner.



FRONTLINE PARTNERSHIP

About HP and Microsoft

The HP and Microsoft partnership is one of the oldest of its kind in the industry with 20 years of combined marketplace leadership. The HP and Microsoft Frontline Partnership provide the adaptability, credibility, and stability you are looking for. Our focus on innovation and synchronization, our technical expertise and track record, and stability-driven approach enable us to offer proven Frontline Innovation for the way you work, and run your business, and for the way you experience and enjoy technology.

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