

Configuration and Development

BENEFITS

Enable powerful performance monitoring. SQL Server 2008 equips Microsoft Dynamics GP administrators with automated and enhanced monitoring tools that ensure 24x7 operations and optimal performance. Troubleshoot, tune, and monitor SQL Server 2008 instances across the enterprise. Collect performance data from your system and store it in a centralized data repository. View reports to benchmark and analyze system performance and health.

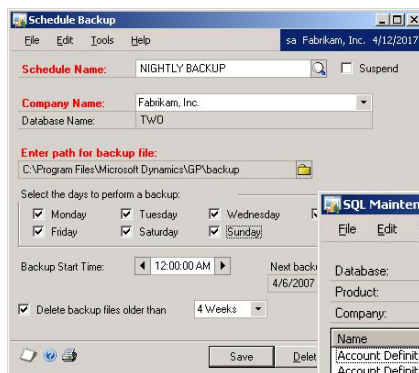
Provide rich data management capabilities. SQL Server 2008 includes advanced data mining, integration services, data compression, and business intelligence. Using the Declarative Management Framework (DMF), reduce the time spent on daily maintenance operations by defining a common set of policies for most database operations.

Deliver superior data backup and recovery. Backup capabilities protect data against hardware incidents and failures. Administrators can speed recovery with fine-grained error repairs, online backups, and controlled checkpoints.

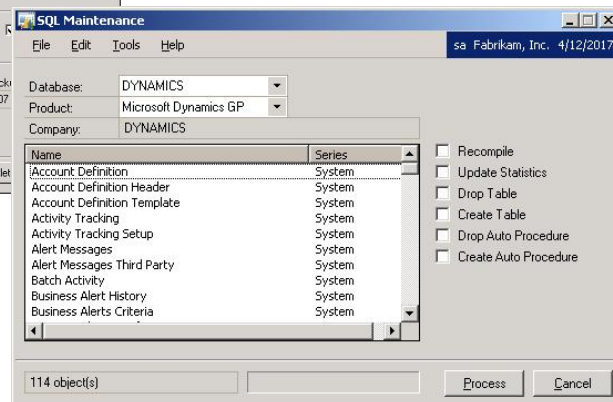
Drive actionable insight. Users across your organization can build data warehouses of any size. They can also set up role-tailored access to data with online analytical processing (OLAP) cubes and Microsoft SQL Server Reporting Services, and take advantage of improved performance, usability, visualization, and integration with the 2007 Microsoft Office system in SQL Server Reporting Services.

Microsoft Dynamics GP and Microsoft SQL Server 2008

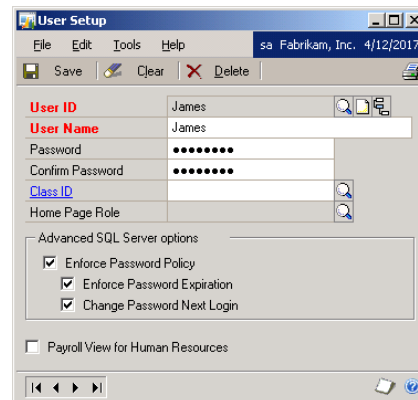
The data platform of choice for Microsoft Dynamics™ GP deployments, Microsoft® SQL Server® 2008 provides a trusted, productive, and intelligent data platform that enables you to run your most demanding, mission-critical applications.



ADMINISTRATORS CAN EASILY SCHEDULE SQL Server 2008 backups and perform SQL Server maintenance from within Microsoft Dynamics GP.



SQL SERVER 2008 ENABLES TIGHT ENFORCEMENT of complex password policies and expirations to help ensure tighter security and Sarbanes-Oxley compliance.



FEATURES

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Improved SQL Server 2008 Development and Report Design Tools	Microsoft Dynamics GP customers can take full advantage of .NET-compatible tools for SQL Server, Microsoft BizTalk® Server, Microsoft Visual Basic®, simple object access protocol (SOAP), component object model (COM), and XML to permit all these applications and data sources to interact with Microsoft Dynamics GP.
Microsoft Stack Integration	<p>Businesses using Microsoft Dynamics GP can now improve their decision making, streamline business processes, and strategically manage their growth with the assurance that their business solution will grow with them.</p> <p>Microsoft Dynamics GP is tightly integrated with SQL Server, Windows® operating systems, and .NET enterprise servers, creating a business environment that helps reduce the overall cost of distributed computing and enables businesses to harness the power, flexibility, and award-winning functionality of Microsoft Dynamics GP.</p>
Comprehensive and Scalable	Together, SQL Server 2008 and Microsoft Dynamics GP deliver a comprehensive and scalable solution. SQL Server 2008 offers a security-enhanced, reliable, and scalable data platform for your mission-critical applications. Policy-based management enhances server management capabilities. The new Resource Governor enables effective management for resources used by specific applications. Data compression helps ensure optimal disk space and performance. Rich auditing capabilities help improve compliance, while new report design tools drive insight across your business.
Delivers Proven Performance	Microsoft Dynamics GP has proven performance on SQL Server, both in customer deployments and lab testing. With support for both 32-bit and 64-bit Microsoft platforms, Microsoft Dynamics GP delivers both a strong foundation and the ability to meet changing system requirements. (Analysis Cubes in Microsoft Dynamics GP is not compatible with 64-bit operating systems.)
Superior Transaction Processing	<p>Microsoft Dynamics GP workload tests confirm that SQL Server takes advantage of new developments in hardware architectures, enhancing the ability of Microsoft Dynamics GP to handle substantial transaction volumes for large customers.</p> <p>In high volume benchmark testing on a previous version of Microsoft SQL Server, Microsoft Dynamics GP successfully demonstrated 1,000 concurrent user scenarios, processing more than 6.3 million transaction line items in an 8-hour business day, while simultaneously running intensive posting, inquiry, analysis, and reporting functions.</p>
Leading TCO	<p>SQL Server 2008 offers a compelling total cost of ownership for Microsoft Dynamics GP implementations.</p> <ul style="list-style-type: none"> • SQL Server 2008 offers a range of licensing options that can significantly reduce costs for purchasing and maintaining a database system. • At no extra cost, businesses can take advantage of comprehensive data management capabilities, including advanced data mining, integration services, business intelligence, and high availability and manageability.

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Fast, Flexible Data Analysis	<p>Give employees and management the information and tools they need to transform data into insight. Microsoft Dynamics GP users can reap the benefits of integration with SQL Server 2008 to access and analyze the information they need, the way they want it.</p> <ul style="list-style-type: none">• Generate reports from within Microsoft Dynamics GP using SQL Server Reporting Services—the primary reporting engine for Microsoft Dynamics GP—to author, manage, and deliver both paper-based and interactive, Web-based reports.• Build and analyze data warehouses of any size.• Organize and use data efficiently with more memory and speed, speeding up decision making.• Structure data and tables from Microsoft Dynamics GP into multidimensional cubes for easier viewing.
Powerful Data Monitoring and Tuning	<p>SQL Server 2008 provides Microsoft Dynamics GP administrators with automated and enhanced monitoring and tuning tools that ensure 24x7 operations and optimal performance.</p> <ul style="list-style-type: none">• Comprehensive data auditing simplifies compliance management.• To provide actionable performance insights to administrators, SQL Server 2008 includes more extensive performance data collection, a new centralized data repository for storing performance data, and new tools for reporting and monitoring.
Enhanced Backup and Recovery	<p>Backup capabilities protect data against hardware incidents and failures. Microsoft Dynamics GP administrators can speed recovery with fine-grained error repairs, online backups, and controlled checkpoints.</p>
Security	<p>SQL Server 2005 enforces password complexity and password expiration—helping ensure a more secure database with policies that are easy to set up and maintain.</p> <ul style="list-style-type: none">• SQL Server options for individual users can be set from within Microsoft Dynamics GP to help ensure that users adhere to password policies (such as minimum length, complexity, and history) and password expiration (requiring users to change their password on a regular basis).• Implementing these features through SQL Server 2008 enables Microsoft Dynamics GP administrators to enforce domain policies that may already be in place, helping free them from the need to define and monitor additional policies.

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Platform Extensibility	<p>SQL Server 2008 provides a single, powerful, highly productive, and integrated development environment for extending, operating, and integrating Microsoft Dynamics GP deployments.</p> <ul style="list-style-type: none">• A single platform makes it easier to extend and monitor the database when developing Microsoft Dynamics GP database procedures, business intelligence reports, data mining, and data extraction, transformation, and load (ETL).• Management Studio, an integrated tool suite, helps administrators easily manage the database environment.
High Availability	<p>Microsoft Dynamics GP deployments support the new capabilities of SQL Server 2008 that enable highly available, 24x7 environments.</p> <ul style="list-style-type: none">• Provide predictable response and ensure consistent performance by using the SQL Server 2008 Resource Governor to define resource limits and priorities for concurrent workloads.• Reduce storage costs and improve performance of large I/O bound workloads with data compression capabilities.

For more information about SQL Server 2008 for Microsoft Dynamics GP, visit www.microsoft.com/dynamics/gp.