

PRODUCT OVERVIEW

OpenText Gupta SQLBase 12.3

Embedded Web and SMB database having a small footprint and offering totally automated maintenance.



Enhanced access security and easy compliance



Many query improvements



Deployment enhancements



Updated operating system compatibility

Software houses and ISVs that create vertical software solutions for small and medium businesses (SMB) like to use an embedded database that operates reliably in environments where no IT staff is available for constant maintenance and where licensing and deployment is easy and affordable.

SQLBase is a fully relational, high performance, embedded and Web database that allows organizations to manage data closer to the customer, where capturing and organizing information is critical. SQLBase provides what a self-recovering, maintenance-free embeddable database architecture that enables users from corporate IT to ISVs to focus on the business solution itself—not the underlying database technology. With its small footprint, easy installation, many APIs and low TCO, SQLBase is the embedded database of choice for organizations around the world.

Auditdata streamlines patient management with embedded database solution

Global audiology company powers its hospital software solutions with OpenText Gupta SQLBase for automated deployment, configuration, and maintenance

"The right choice for us then was OpenText Gupta SQLBase, and it would still be the best choice today. For more than 25 years, it has been possible for us to stay on OpenText SQLBase as our primary database engine."

Kim Wagner Jensen
Business and customer care director
Auditdata

[Read the Success story](#)

Services

OpenText Consulting Services
OpenText Learning Services

Enhanced access security and easy compliance

With Gupta SQLBase 12.3 administrators can enforce password strength rules on their users. IT security is top of mind of most organizations. Using passwords that include alphabetic characters, numeric and symbol characters are close to uncrackable when at least 16 characters are being used. A new sql.ini setting allows administrators to set the minimum number of alphabetic characters, the minimum amount of number characters and the minimum number of symbol characters.

The GDPR data protection guidelines might require organizations to protocol all changes to a database. Gupta SQLBase 12.3 has a new data protection audit feature that protocols the changes with various grades of detail. The data protection audit can be queried and reports for all data modifications can be provided.

Many query improvements

Update statements with a subselect can now include a calculation with the retrieved subselect data providing more computing flexibility for update values.

New scan and find functions are introduced that start the scan or find process from the back of the string, reverse order find and scan for more string manipulation power.

Math with date fields in queries is improved by adding functions that add n number of days, n number of months or n number of years to a date value.

Deployment enhancements

The EDP Maker tool now allows editing of the file list that is being used to create a custom installer allowing organizations to minimize the number of files installed and allowing to add application files they require for an installation. The new editable file list gives developers total control over the contents of their SQLBase installer packages.

Updated operating system compatibility

Gupta SQLBase 12.3 adds support for the latest operating systems like Windows 10, Windows Server 2019, and Red Hat Enterprise Linux 8.

Unlike other commercial and Open Source databases SQLBase has a small footprint and does not use massive machine resources. For embedded software solutions the SQLBase installation, configuration and maintenance can be automated. SQLBase operates very well in IT-less environments.

The Total Cost of Ownership (TCO) of SQLBase is very low as it allows IT-less operations and offers a small footprint. Because of its small footprint, SQLBase can run on less expensive hardware. The IT-less operations reduce IT personnel cost. In fact SQLBase TCO is lower than the TCO of popular Open Source databases.

Feature	Description
Database name in errors	Error messages now contain the database name where relevant.
More than 64k for long columns usage within Stored Procedures	Stored Procedures can now handle long or long binary content that is larger than 64k.
New @addday, @addmonth, @addyear functions	New functions add n number of days, n number of months or n number of years to a date value.
Improved update with subselect	Values in update statements that are retrieved through a query can now be used in math operations.

Feature	Description
Data protection audit	For compliance with GDPR and other compliance situations a log can be turned on that logs all data changes, the time of a change and the changer to a log database.
New password strength rules	SQLBase can now enforce user to use a password that has n numbers of alphabetic characters, n numbers of number characters and n numbers of special characters such disallowing unsecure passwords.
Reverse scan and find functions	Two new functions are introduced for reverse order scan/find. @revscan(), @revfind()
EDP Maker editable file list	The EDP Maker file list can now be edited and allows users to create a custom list of files that will be placed into the custom SQLBase installer.
Operating system support	Gupta SQLBase 12.3 is available for Windows 10, Windows Server 2019, and RedHat Enterprise Linux 8

[Learn more](#)

[Download the trial](#)

```
SELECT @addyear(dt, 1) FROM date_table;
SELECT @addyear(dt, -1) FROM date_table;
SELECT @addmonth(dt, 1) FROM date_table;
SELECT @addmonth(dt, -1) FROM date_table;
SELECT @addday(dt, 1) FROM date_table;
SELECT @addday(dt, -1) FROM date_table;
```

The new date math functions in SQLBase 12.3.

About OpenText

OpenText, The Information Company, enables organizations to gain insight through market leading information management solutions, on-premises or in the cloud. For more information about OpenText (NASDAQ: OTEX, TSX: OTEX) visit: [opentext.com](https://www.opentext.com).

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