The future: Opera 3 SQL SE

New technology bringing power, security and reliability

Opera 3 SQL Server Edition is the latest addition to the Opera 3 family. Built on the solid foundation of Microsoft SQL Server, Opera 3 SQL SE gives you the familiar look and feel of Opera 3 with the added power, security and reliability of a SQL Server database.

An investment in Opera 3 SQL SE will protect your business as you move into the future. The design of Opera 3 SQL SE follows Microsoft best practice for modern client server applications and the technology on which it is built means that you are investing in a solution that will continually deliver intelligent additions to its functionality.

At Pegasus we have always believed that your investment in our products is an investment in your business. Here we explore some of the features and functionality that the new technology used in Opera 3 SQL SE can deliver.

Technical foundation

The technical foundation comprises

- Microsoft SQL Server: well-established technology providing secure storage and retrieval of data.
- Windows authentication uses the credentials of the Pegasus Opera Service or process to authorise secure access to the Opera 3 SQL SE data.
- Pegasus Opera Service creates the connection to Microsoft SQL Server using Windows authentication, providing a single account to access the data securely.
- Windows Communication Foundation (WCF) provides secure and reliable communication between the Opera workstations and the Opera 3 SQL SE server.
- Entity Framework manages database connections and objects to the Opera 3 SQL SE database to allow bespoke solutions to be developed.

Data security

The security of company data is of vital importance, and this is why Opera 3 SQL SE uses Microsoft SQL Server to provide data storage. The Pegasus Opera Service is the secure method used to update the data, and it controls all the flow of data to and from the Microsoft SQL Server databases on behalf of the Opera 3 SQL SE users. This is the only method allowed to update the data and ensures both data security and integrity.

In addition, there is a secure Opera 3 SQL SE Windows File Repository for reports and files created within the application. These files can be saved securely on the server and can only be viewed by the people who have been given menu access to the Server Reports form in Opera 3 SQL SE.

Server Administration and Monitoring Console

The administration and monitoring of Opera 3 SQL SE are achieved by using a separate application that is installed at the same time as the Opera 3 SQL SE server software. The Server Administration and Monitoring application is a server-side application for configuring the Opera 3 SQL SE server software, entering licence and activation details, configuring email settings, creating company records, monitoring database details and managing bespoke applications. A central point for administering your Opera 3 SQL SE system.