

SIX.COM Under the Bonnet



Introduction

SIX.COM provides a fully functioning turn key application and solution that requires no IT investment from the client (apart from personal computers and internet connections).

Infrastructure Provided

All supporting infrastructure is provided and supported by SIX.COM as part of the software licensing agreement. This includes but is not limited to;

- A dedicated fully managed server to run the software and store data (located in a high security, high availability data centre). Servers run on a Linux operating system and configurations are scalable to grow with your business.
- Web access to the software and data (A unique URL will be provided and can be set up as a desktop icon, the default home page, a link from the intranet or saved as a favourite)
- System administration and support. SIX.COM provides a support desk contactable via e-mail or phone. Assistance in resolving issues and providing user support is available.
- Data backups and restore (nightly backup to an off site server). SIX.COM back up all data nightly to a separate server outside the data centre. In the unlikely event of server failure, a complete restore of the application and data to an alternate server can be made in a matter of hours.

Technical Overview

Introduction

The Safety Information Exchange (SIX) software has been built using modern technology and database design principles. The software has not been adapted for the web (as is the case with some legacy systems) but built specifically for it.

Platform independent

The software is built using Java J2EE and can run on any platform (Microsoft windows, Linux, Unix, Solaris). The layered design also allows any RDBMS to be used in conjunction with the software (eg MS SQL, IBM, Oracle, mySQL, PostgreSQL).

Note: SIX.COM has chosen to use Linux servers and can guarantee enterprise level performance and reliability.

Service Oriented Architecture (SOA)

SIX software is based on Service Oriented Architecture (SOA). This results in an application with lower costs, is easier to integrate with other applications and is faster to change and develop.

Architecture Overview

The diagram below provides a representation of the layered design of the SIX software. Providing a design that separates the user interface, application control and database ensures a scalable and robust architecture.

Diagram

