≡ Contents

About Saperion servers

Saperion servers have the following features:

- Several different servers can run on a single computer

- Under heavy load, it is possible to configure distribution across multiple computers

- All servers are multi-threaded

- Saperion servers are configured in the Microsoft Management Console (MMC) using custom snap-ins

- All servers are available as a service, but may also be started as a process.

What is the Saperion Java Core Server

The Saperion Java Core Server (JCS) is the interface between Saperion and Java, and facilitates interaction with numerous Java APIs.

The main function of the Java Core Server is to bundle database access and other options for the clients. This way, client installations of the SQL database being used only take place on the Java Core Server and not on each individual workstation. The entire ODBC configuration takes place exclusively on the Java Core Server. To run the JCS, you connect it to the Saperion network. You can then start it without further configuration.

The Java Core Server receives client database queries, forwards them to the appropriate database server, and returns the query result to the client. This process keeps the amount of data transferred over the network during a document search to a minimum.

Because the JCS manages all trays for all users, documents can be exchanged among users' trays without restrictions. In addition, the server processes the handling of tasks for all clients here, such as document rendering (converting to PDF, or the TIF "Rendering" option). The configuration files as well as query and index forms are managed by the JCS; if necessary, it also provides clients with needed program files for download.

The Java Core Server's architecture allows remote access from any computer via the Microsoft Management Console (MMC).

What is the Saperion Legacy Server

The Legacy Server is a 32-bit server that runs in a 64-bit environment. Its role is to take over functions, such as displaying Lead-compressed image files in the Web Client, which the Core Server had until now provided only in a 32-bit environment using Lead Tools.

With the Legacy Server, you can also execute all Core Server tasks (custom EventScripts, multi-client specific tasks, workflow EventScript tasks) on a 64-bit server.

The administrator configures the Legacy Server via the Microsoft Management Console (MMC) with snap-ins.

Note We strongly recommend that you use the Legacy Server when working with a 64-bit server. You must run the Legacy Server and Java Core Server on the same machine.