

Technical platform

JEEVES ENTERPRISE

The Organic Business System



Jeeves Enterprise offers great advantages because it is a modern, integrated business system, standardization and customization being the governing philosophy.

If your company elects to invest in Jeeves Enterprise, we who work with Jeeves Enterprise see it as a partnership in which we become a main supplier of IT support for business-critical system needs within the company. With Jeeves Enterprise you can offer the flexibility and power of initiative that is expected of modern business systems. We can guarantee that the total cost of ownership will be very competitive.

We dare guarantee this, as the customer adaptations in Jeeves Enterprise are preserved when upgrading to new versions.

All modules in Jeeves Enterprise are integrated and Internet-ready - all information is immediately accessible, regardless of where or how it is recorded, at the same time as routines and working operations can be executed without detours. In this way, the system development can focus, cost-efficiently, on the integrated operations within the company - rather than developing and optimizing each part.

Operative finances with Jeeves Enterprise

Jeeves Enterprise is an added-value business system, among other things in that its technical platform is Microsoft Windows, using the Microsoft SQL Server 7 database system. The development we undertake today, is optimized for this platform.

The cost-performance relation on the NT platform is lower than on Unix and other platforms. Operative costs are lower due to of effective administration tools, a homogeneous operating environment and to easier recruitment of staff with double competence in NT and SQL Server.

With Jeeves Enterprise, your IT department do not

have to bother with the Euro or administering old business systems. They can instead focus on the business operation and run the newly-created projects that exploit business prospects with the Internet, CTI, SMS, WAP etc.

The organic business system for the Internet

Big changes are expected in the years to come.

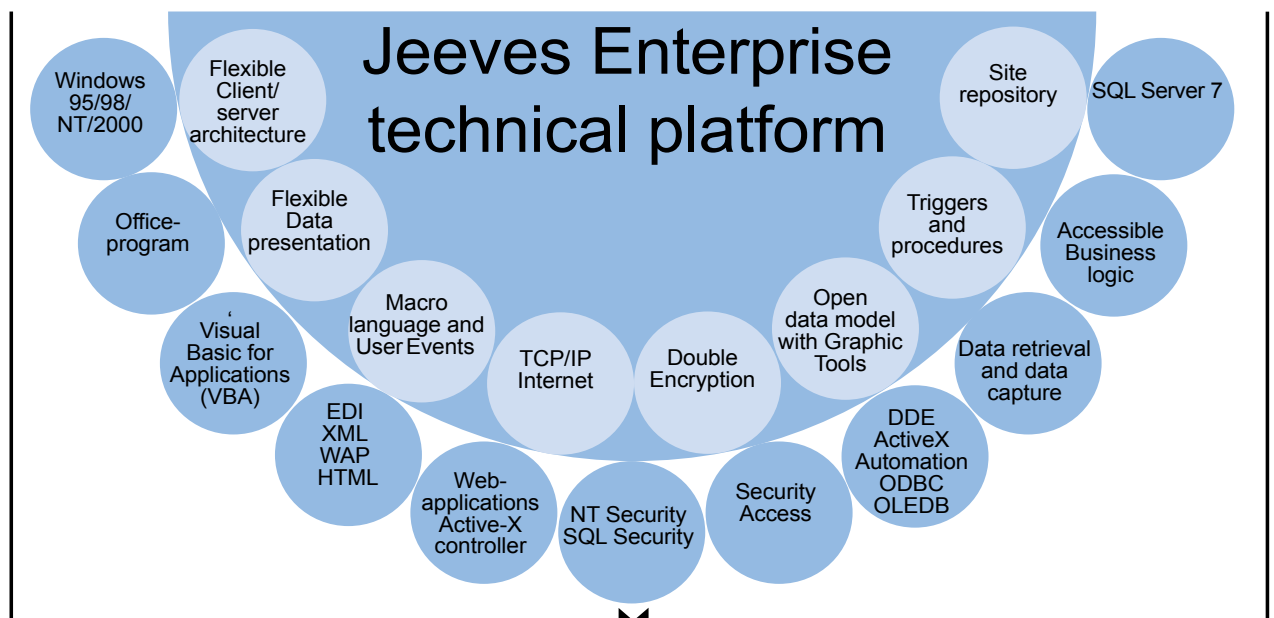
The IT sector is maturing and the willingness to change has increased in most organizations. For most IT users, the Internet stands as a model for how system support should be provided for operations, to different business partners such as customers and suppliers etc.

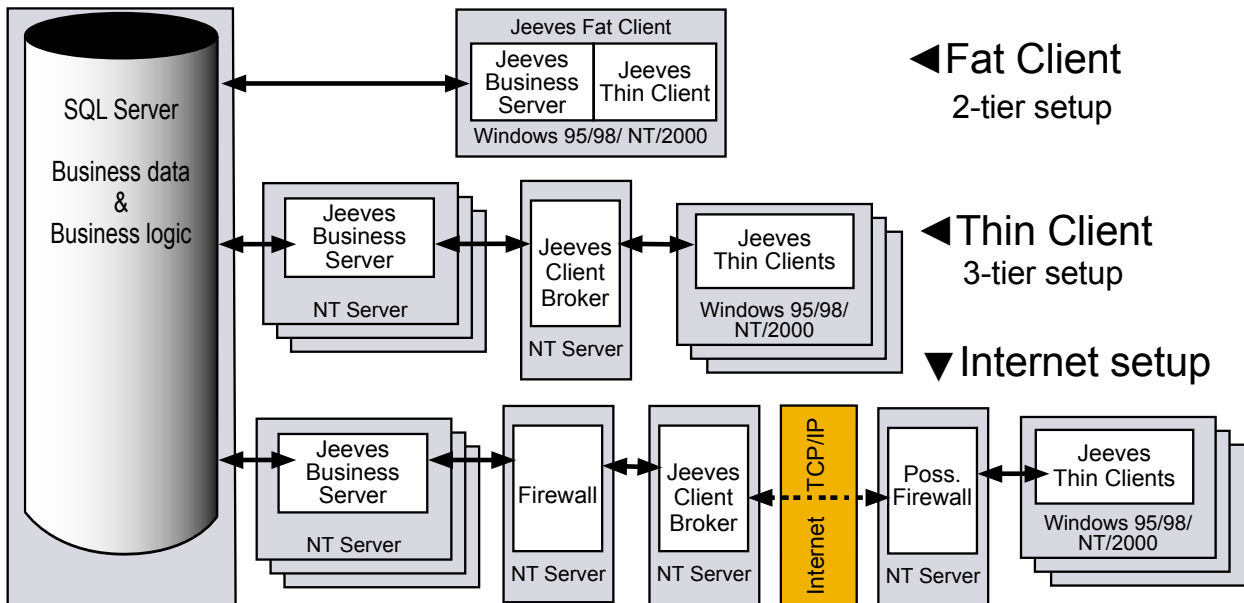
In the IT departments this is received with a mixture of delight and terror. To a certain extent this is a return to a centralized IT architecture, with all the advantages that this involves - but also disadvantages. It is time consuming, not to mention costly to adapt an infrastructure to these new requirements. The change does in fact take place gradually, so parallel systems are easily developed - one for the traditional operations and one for the Internet. Jeeves Enterprise gives your company's IT structure a means to enable a gradual adaption of your company to the new requirements for competitiveness that, for example, the Internet brings with it.

Scalability & security

The openness and flexibility of Jeeves Enterprise gives it a natural aptitude for utilizing the opportunities on the Internet, and at the same time providing support for business that is undergoing rapid growth with high requirements on handling growing transaction volumes from a growing number of users.

A first step is to allow personnel to work in the business system wherever they are situated. A Jeeves





Client can easily be downloaded and installed via Internet with an Internet communication that is best compressed for low bandwidths. It is fully possible to run Jeeves Enterprise with a 9600 baud GSM modem.

Simple system administration

In the configuration of Jeeves Enterprise you have the option of selecting the architecture that is best for your operation and infrastructure. All logical parts of the Jeeves Enterprise technical platform can share one computer, or can be run on one computer each and still function as one unit. Communication can take place via the local network or the Internet.

The inner, organic components of Jeeves Enterprise are:

- SQL Server
- Jeeves Business Server
- Jeeves Client Broker
- Jeeves Client

Jeeves users can therefore connect to the database via the network with a 2-layer or 3-layer model or with an Internet setup as in the figure above.

Jeeves Client Broker selects the server that has the lowest load when connecting a client.

The architecture used is determined by the following factors:

- Modules the user is working with.
- The client computer the user is working on.
- The work place the user is working from.

Security

Jeeves Enterprise provides a high security level, both regarding data integrity and data protection.

The security in Jeeves Enterprise is partly built on security functions that are unique to Jeeves Enterprise, and partly on functions native to the technical platform, i.e. security functions in Microsoft NT or Microsoft 2000 and Microsoft SQL Server 7.

With Jeeves clients connected to Jeeves Business Servers and database via the Internet, it is reassuring to know that all traffic passes via Jeeves Client

Broker on an NT server from a firewall and proxy server. All data communication with Jeeves Clients takes place with double security, as, after compression, data is encrypted, first by Jeeves own encryption algorithm and then by IDEA's 128 bit algorithm.

Open and flexible development platforms

As an integrated business system, Jeeves Enterprise has the versatility required to solve most business-critical system requirements in manufacture, commerce and service production. The unique feature of Jeeves Enterprise is the flexibility and openness, which enables the system to be a platform for developing operations-related IT support. As the largest part of business logic and customer adaptations are managed by the database, business logic and customer adaptations are not affected by the upgrading of Jeeves Enterprise.

Jeeves Enterprise as a development tool

Jeeves Enterprise contains a very powerful macro language, which is based on Pascal syntax and SQL procedures. These tools can be used to make customer-unique adjustments and develop new functions in all Jeeves Enterprise modules. These adjustments are stored in the database and remain unaffected by new functions to which you have access through continuous upgrading. You can also use the macro language to automate integration with other systems.

Data retrieval, data capture and business logic

For every table in the Jeeves database there is a trigger, which makes consistency checks on all data that is fed into the database. As business logic is also stored in the database in the form of procedures, data can be entered using interfaces other than Jeeves Client, e.g. Excel or Access. Data can then be retrieved directly from Excel, for instance, via ODBC. Via DDE or OLE Automation, Jeeves Enterprise can communicate with 3rd party applications. Thanks to triggers and procedures in the database, Jeeves Enterprise represents the optimal platform for web applications within e-commerce and CRM.