



how what
software development
project management
expert knowledge
laboratory research

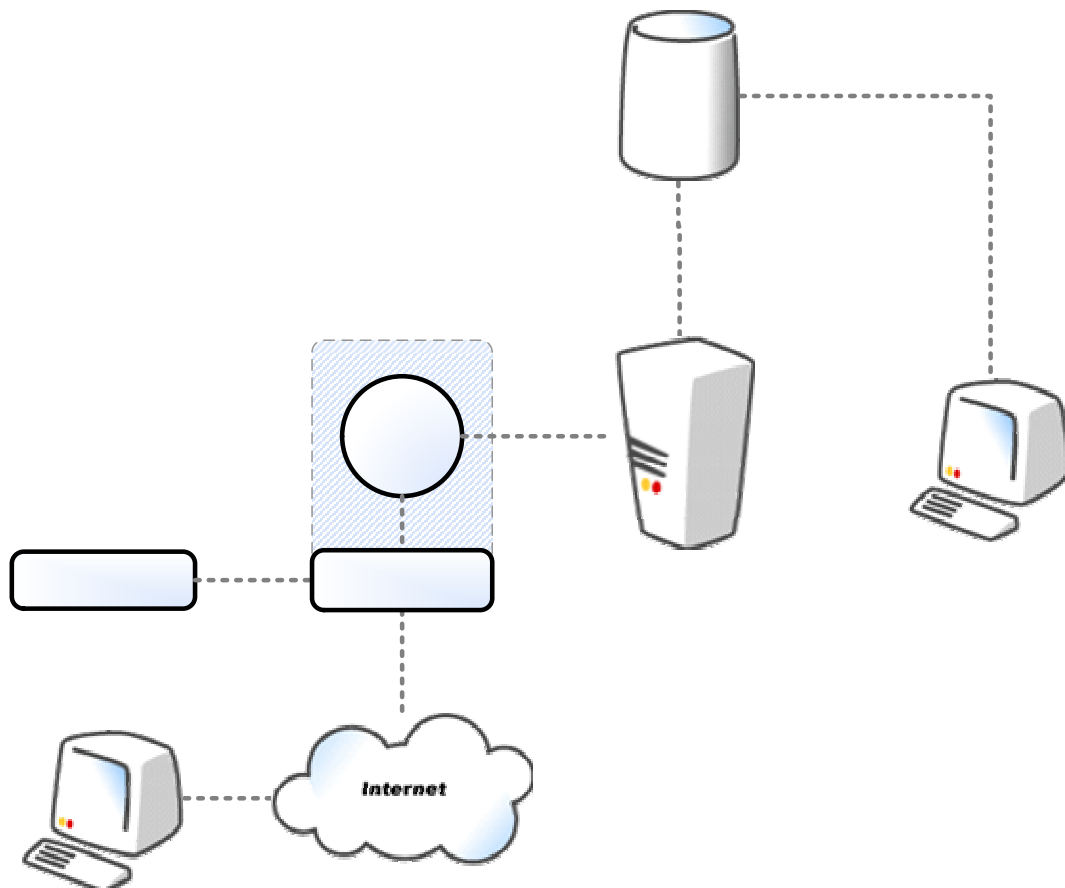
spellabs **web.agent** for Microsoft Navision

keep your
Navision
Online!

web.agent introduction

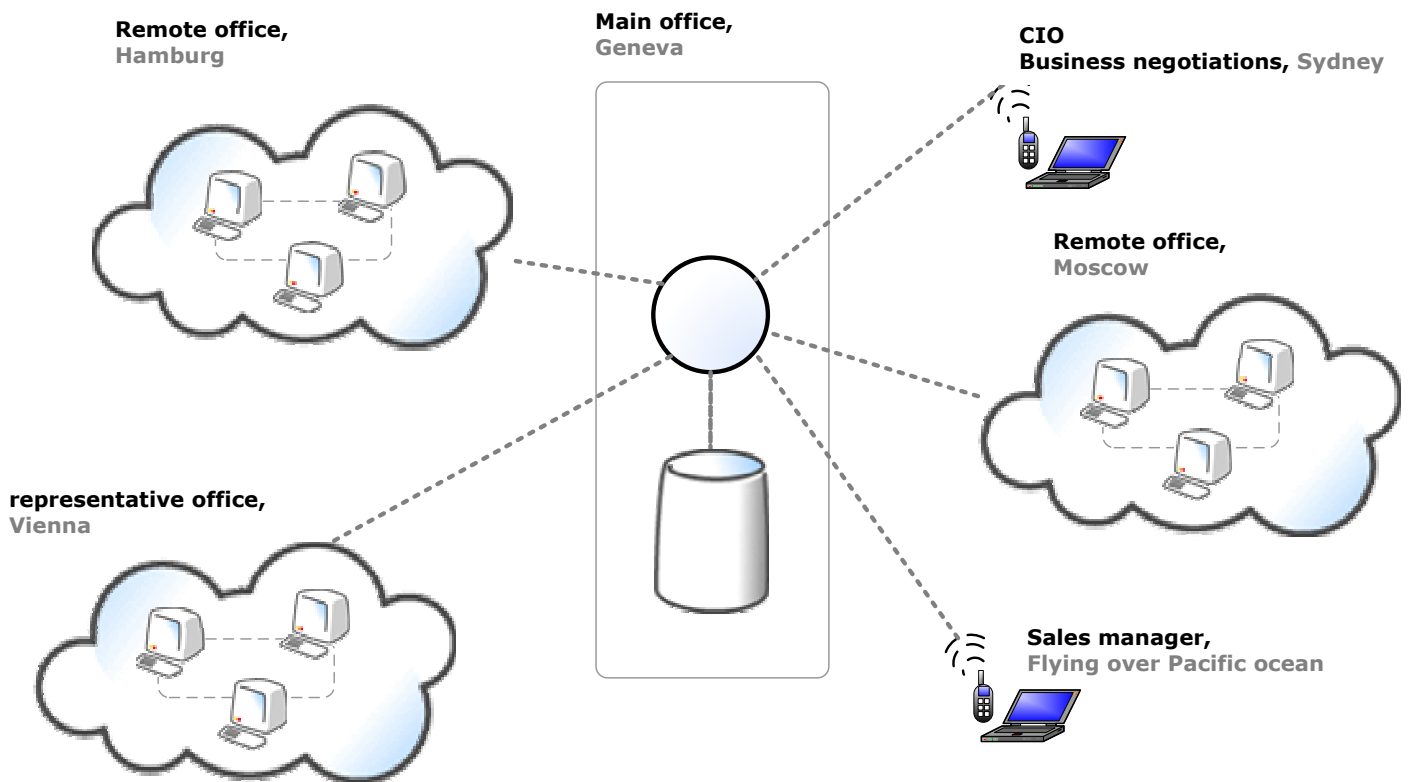
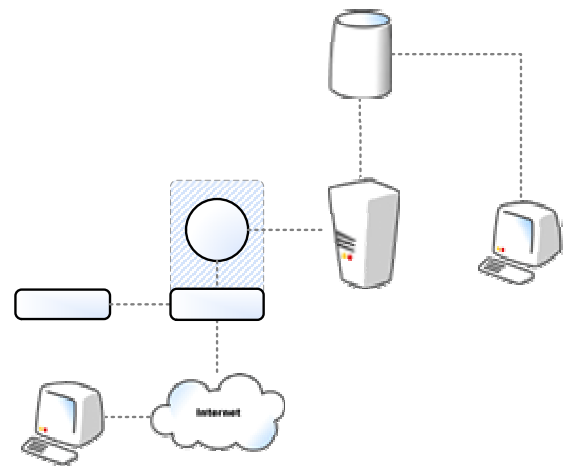
Spellabs Web.Agent technology is a web solution which provides remote clients with possibility to access Microsoft Navision interfaces and functionality via web from every spot on the globe. Spellabs Web.Agent enables clients to work with Microsoft Navision using standard browser such as Internet Explorer. Appearance of interfaces and their behavior is similar to the windows implementation of Microsoft Navision client, so the users do not have to get used to them.

Generalized architecture diagram of enterprise automation using interaction of Microsoft Navision and Spellabs Web.Agent is presented below



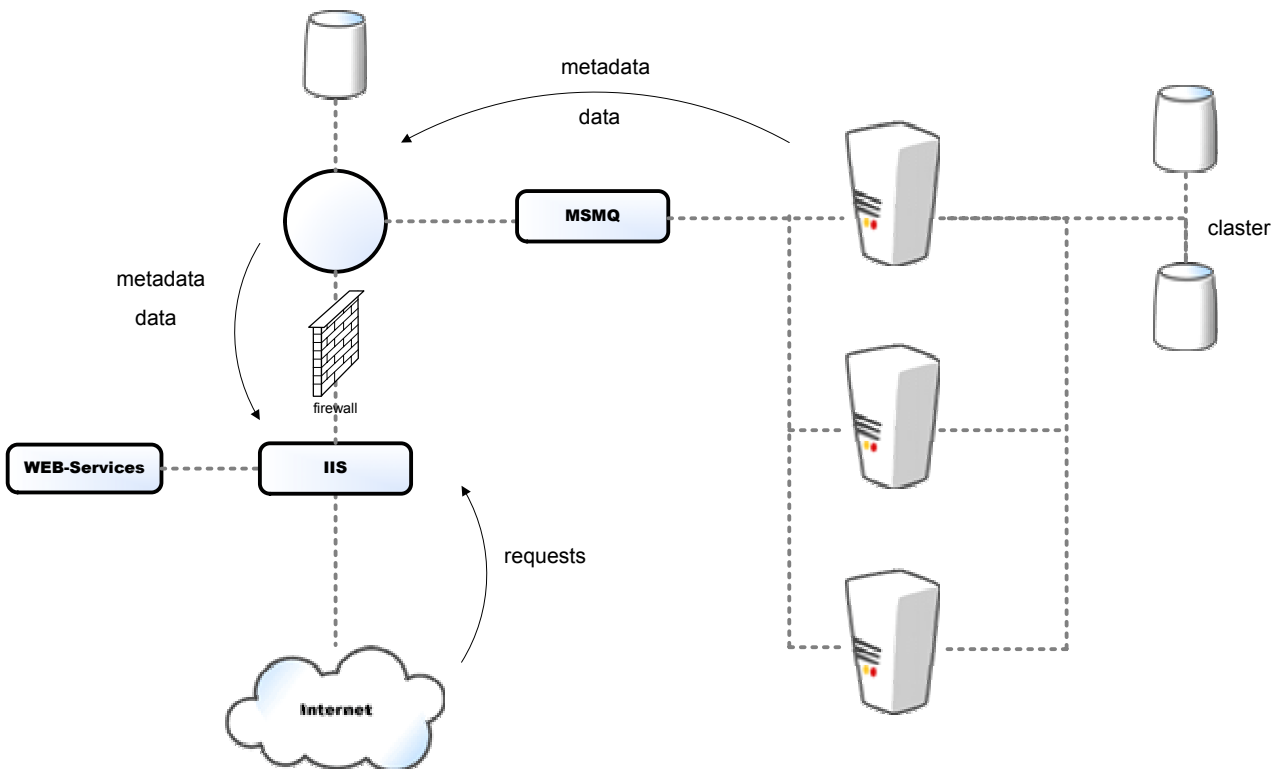
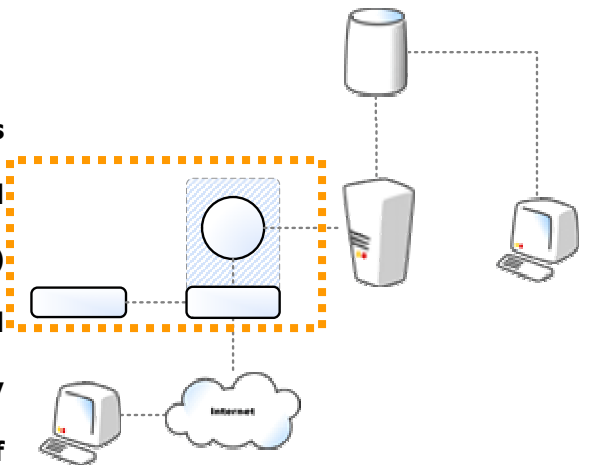
architecture

Spellabs Web.Agent enables remote enterprise branches, customers, vendors, as well as employees on business trips to work with centralized ERP system via dedicated channels, ADSL and dialup connections.



architecture

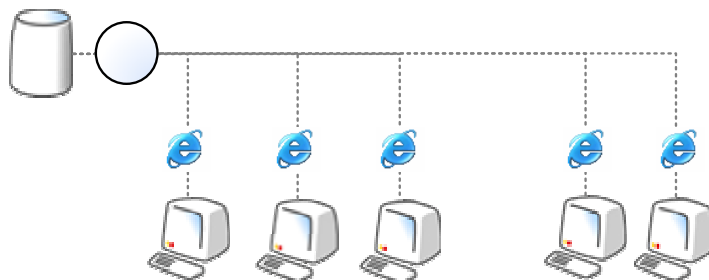
Spellabs Web.agent application server operates under control of Internet information Services and interacts with Navision Application Server (NAS) using MSMQ technology: xml requests and responses are placed in queues and processed by NAS. Security model is implemented by means of built-in Windows authentication and Navision authorization on the basis of user's roles and permissions. This approach ensures high level of security protection and flexibility of users' permission management.



reduce TCO

Apart of mentioned organizational and technical advantages, introduction of Spellabs Web.Agent technology significantly reduces the total cost of ownership (TCO) of Microsoft Navision.

- ▶ **1 Microsoft Navision license for 1 workplace costs more than 1000 €.**
Spellabs Web.Agent allows to use 1 license for 5..40 workplaces depending on work load.
- ▶ **Spellabs Web.Agent technology introduction cost depends directly on the quantity of standard operations which have to be made available via web. Saving depends on quantity of client licenses saved.**
- ▶ **Clients using our technology work with Microsoft Navision using a standard browser (such as Internet Explorer), which means that no additional client software installation is required. It allows system administrators to switch to more important tasks.**



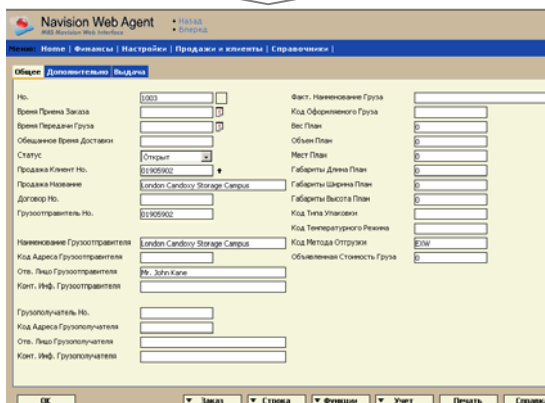
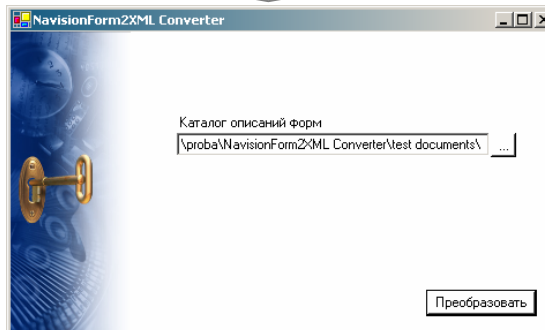
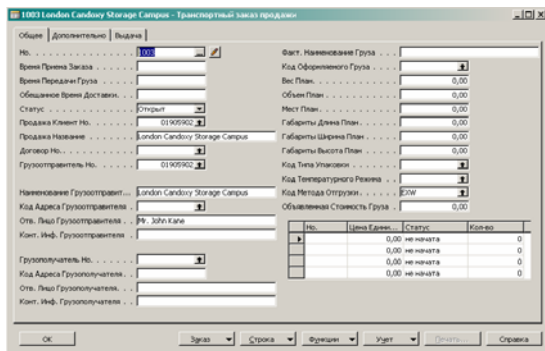
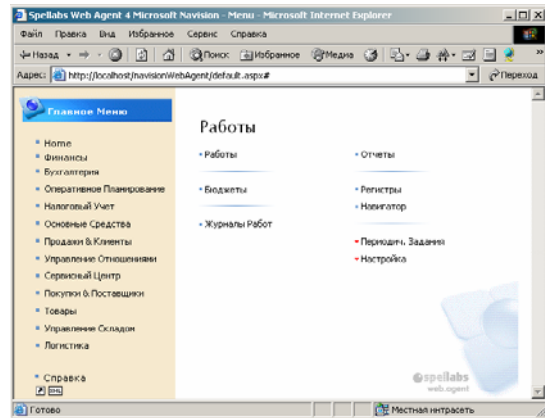
- ▶ **Load reduction on the central server is an important factor reducing Microsoft Navision ownership cost.**
- ▶ **General efficiency of an ERP solution increases when remote users are included in company's daily operation and analytical process.**

interface

Spellabs Web.Agent gives an opportunity to publish Navision forms and their behavior directly to web. This is a reason why Spellabs Web.Agent web interfaces are similar to the original Microsoft Navision client interfaces. It reduces time and cost required for users to get familiar to the system. Besides, additional functionality not available for the standard windows client is implemented.

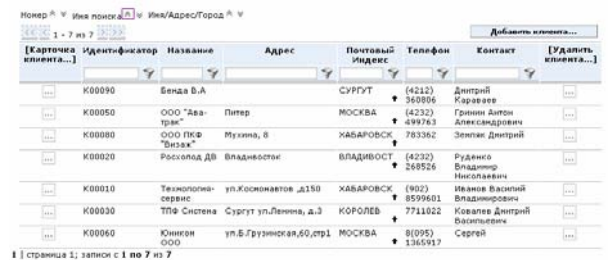
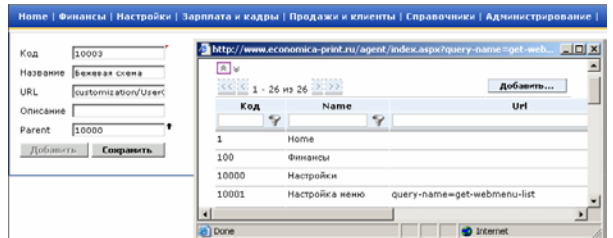
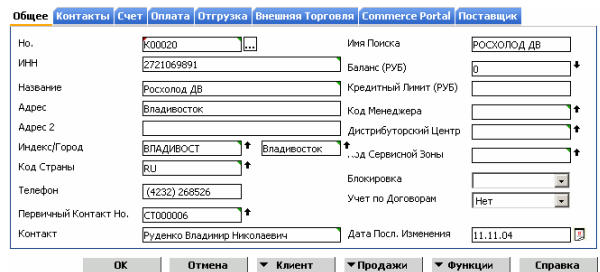
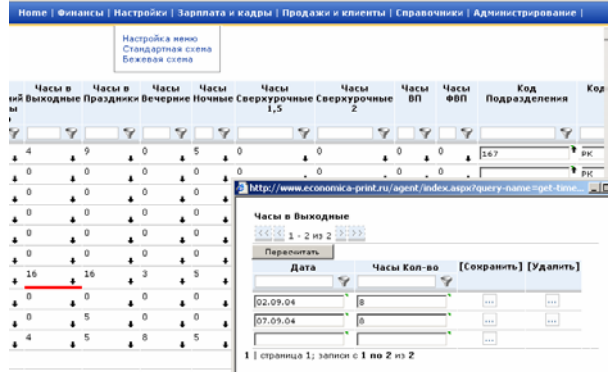
There is no need to design interfaces and implement logic anew. Spellabs Web.Agent technology utilizes existing Navision forms and is capable of making any function calls located in tables or codeunits.

Spellabs Web.Agent menu for Microsoft Navision looks identically to the standard one or may be presented in a more compact way in form of horizontal two-level menu.

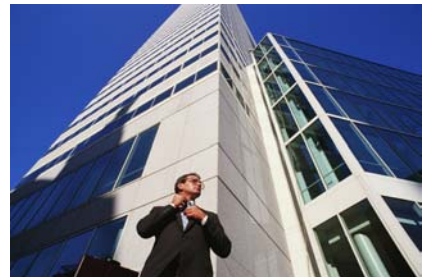


Basic features of Web.Agent web interfaces:

- Adjustable multi-level navigation system
- Fields and forms validation without page reloading.
- Representation of table data with ability to filter records by any fields using standard Navision syntax.
- Records sorting using Navision keys.
- Representation of complex multi-layer forms and sub forms with control of entered data type validity
- Complete implementation of Lookup and FlowField behavior
- Flexible mechanism of Microsoft Navision function calls
- Access control based on the Windows authentication and Navision authorization using user's roles and permissions. Personalized access control to Navision tables, records and functions.
- Smart caching system that reduces database loading and network traffic.
- Built-in mechanism of traffic compression enabling significant network load reduction.
- Built-in mechanisms of web interface appearance tuning.



- **Mission of spellabs company is development and introduction of new integrated technologies for business management built on the unified principles of providing web access to the information system from any spot on the glob**
- **Our company offers up-to-date solutions in the field of business management as well as consulting to companies aiming at realization their full potential by means of information technologies**
- **We offer solution in the field of corporate portals, web sites, internet shops. We provide integration of introduced solutions with various ERP systems such as Microsoft Navision, 1C and others**
- **Integrated solution for electronic commerce spellabs Web.Shop provides full cycle of internet commerce automation and is integrated with Microsoft Navision**
- **Area of our business interests includes document flow systems based on Microsoft Sharepoint Portal, project management systems on the basis of Microsoft Project Server, multidimensional data analysis and data mining systems using Microsoft OLAP Services, functional extension modules for Microsoft Navision**
- **Our integration solutions enable our clients to bring up their business to a new level of transparency and efficiency**



feedback

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