doCOUNT HSE Performance Management System

Managing a company with a sense of responsibility includes accountability in ecological and safety matters not only to increase transparency within your company to optimize your management process, but also to comply with the increasing demand of HSE-related information of customers and the public. The process to gain, analyze and report the management-related HSE-data for the decision making process is the purpose of doCOUNT HSE.

The system contains a complete set of field enquiry templates necessary to describe the influence of company activities on Health, Safety and Environment, but can easily be extended by the management. Performance-benchmarking data is available, which includes published HSE data from pharmaceutical, consumer health, metallurgy and other companies. To enable to understand the relative importance of impacts and to set priorities for improvement, the system quantifies these impacts using a scientific method, Eco-indicator 95.

Predefined Observation Templates:

- General Information
- Material Flow
- Packaging Material
- Transport
- HSE Financial Mgt.
- Natural Resources
- Health
- Noise
- Priority Substances
- Safety
- Biosafety
- Waste Water Quality
- Nutrification
- Soil and Groundwater
- Greenhouse Effect
- Ozone Depletion
- Acid Rain
- Summer Smog
- Winter Smog
- Nonhazardous Waste
- Hazardous Waste

SYSTEM COMPONENTS

doCOUNT HSE is based on 5 program components:

- Database (Sybase / Oracle / MS SQL Server / Interbase)
- Program as a 32-bit application (Borland Delphi 5)
- MS Excel 97 / 2000 / XP (Print engine)
- Model-dependent server component (2-3 tier model)
- doCONNECT Modul XAware XA Suite (optional)
- doWEB Data Input Client (optional)

Serving modes:

- Stand-Alone Mode
- Client Server Mode (CS)
- Application Serving Mode (ASP)

Serving technologies:

- doCOUNT HSE CS is based on CORBA-Technology
- doCOUNT HSE ASP is based on ICA-Technology
- doWEB is based on HTTP/HTTPS

SYSTEM MODELS

>>Stand-Alone Model<<

Client (Fat-Client):

- OS: Windows 95 / 98 / NT / 2000 / XP
- MS Excel 97 / 2000 / XP (as Analysis and Reporting print engine)
- doCOUNT HSE Client, System Help, Customer Help, Language files
- Sybase SQL Anywhere 5.5

Minimum requirements for doCOUNT HSE-Client:

- Disk: minimal free space 200MB
- Memory (RAM): min. 64MB
- Video: Super-VGA recommended
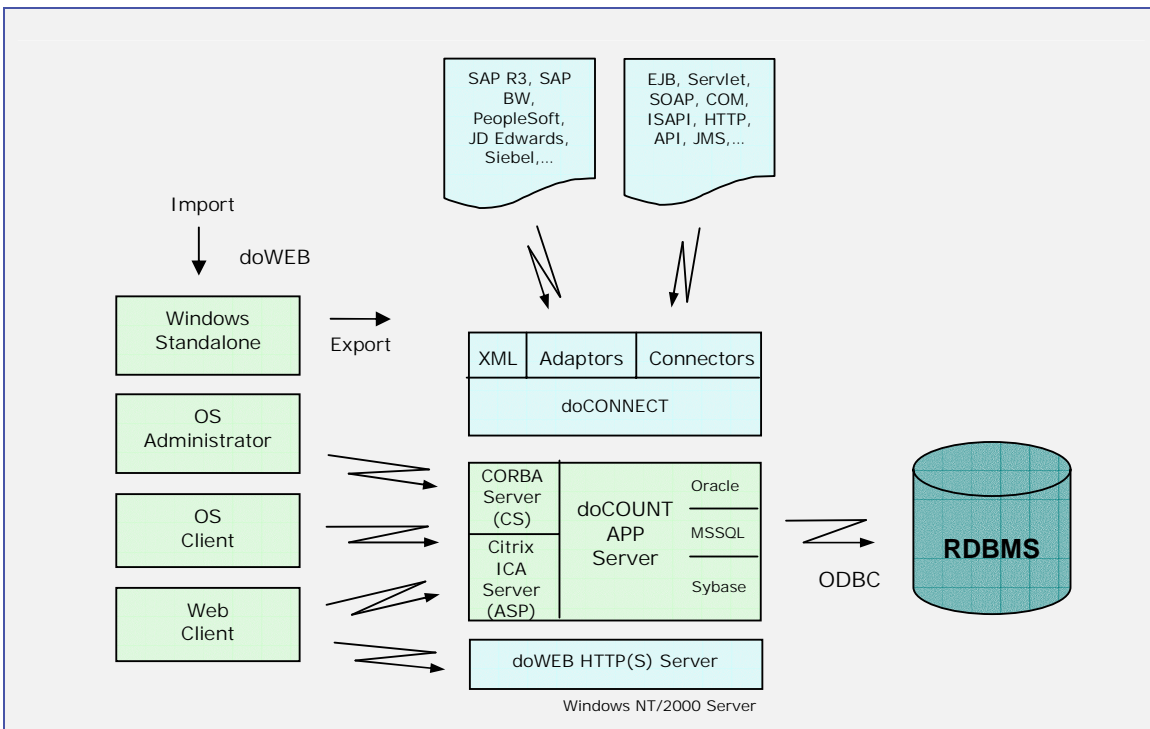- Processor: Pentium 133 or higher
- Network connection: No

>>Client-Server Model<<

Client (Thin- or Fat-Client):

- OS: Windows 95 / 98 / NT / 2000 / XP
- MS Excel 97 / 2000 / XP (as Analysis and Reporting print engine)
- doCOUNT HSE Client including System Help, Customer Help, Language files
- Browser for doWEB (optional)

Application Server:

- Windows NT4.0 SP6 (or higher) / 2000 / XP
- doCOUNT Application Server (CORBA based)
- Borland VisiBroker (CORBA Object Broker)
- doWEB HTTP(S) Server (optional)

Database Server:

- Operating Systems depends on database system (Windows NT, Sun OS, etc.)
- Database System Oracle / Sybase / MS SQL Server

Minimum requirements for doCOUNT HSE-Client:

- Disk: minimal free space 200MB
- Memory (RAM): min. 64MB
- Video: Super-VGA recommended
- Processor: Pentium 133 or higher
- Network connection: Yes

>>Application Server Model<<

Client (Thin- or Fat-Client):
- OS: Windows 3.x / 95 / 98 / ME / NT / 2000 / XP / CE, Symbian EPOC, Linux®, OS/2®, Macintosh®, other non-DOS
- Browser with ICA-plugin or ICA-Program Neighbourhood (centralized auto-distribution during initial access possible!)

Application Server:
- OS: Windows NT4.0 (or higher) / 2000 / XP
- doCOUNT Application Server
- MS Excel 97 / 2000 / XP (as Analysis and Reporting print engine)

Database Server:
- Operating Systems depends on database system (Windows NT, Sun OS, etc.)
- Database System Oracle / Sybase / MS SQL Server

Citrix Metaframe Server:
- OS: Windows NT4.0 TSE (or higher) / 2000 (Application Server Mode)
- Terminal Server Licenses
- Citrix Metaframe XP

Minimum requirements for doCOUNT HSE-Client:
- Disk: minimal free space 200MB
- Memory (RAM): min. 64MB
- Video: Super-VGA recommended
- Processor: Pentium 133 or higher
- Network connection: Yes

ARCHITECTURE

Power and efficiency: The system delivers the full power and efficiency of the client-server model without the time-consuming disadvantages of a purely web-based solution. If you choose to work with Citrix Metaframe XP, which allows browser access worldwide you can use doCOUNT HSE from almost any client platform with a browser (Avg. Bandwidth: 10kBit/s). If you decide to use the web-client doWEB you have access for data input worldwide. The benefits of using browser technology are many, least of which is the ease of installation and low IT support costs.
Security: CORBA, ICA and HTTPS, technologies used in most global financial institution, come with high security standards
Rapid Deployment: Technical implementation of the doCOUNT App and doWEB Server within a day
Modular Scalability: To integrate additional work processes and facilities extend the system with doCONNECT and/or doWEB
Model Flexibility: Allows every customer to find the system that suits them best
Continual Updates: doCOUNT GmbH guarantees continual updates of the software
Open Standards: The next model release of doCOUNT HSE is purely based on open standards as defined or supported by the W3C and will extend 'Model Flexibility' with a HTTP Web Client via Web Server

IMPLEMENTATION SUPPORT

doCOUNT GmbH is able to offer input regarding reporting and controlling processes, risk management and sustainability reporting (e.g. Global Reporting Initiative) as well as direct support. Resulting from former projects doCOUNT GmbH and PriceWaterhouseCoopers signed an agreement to carry out projects in collaboration if advantageous. PriceWaterhouseCoopers supports doCOUNT GmbH customers especially regarding:

- Project management and quality assurance
- HSE/GRI Consultancy
- Implementation and customization of the software to the existing processes and organization
- Planning, organization and realization of training courses and workshops