

More security and transparency through integrated processes

GSB Sonderabfall-Entsorgung Bayern GmbH controls their disposal processes as well as the common processes with industries and communities by using a modern business software.

Fast Facts - Project Summary

Reference customer

GSB Sonderabfall-Entsorgung Bayern GmbH was founded in 1971. Each year 400 employees process 350,000 tons of hazardous waste of more than 6,000 customers. The annual turnover currently amounts to approximately 60 million Euros.

Problem

For more than 20 years, GSB was working with a special software based on the Midrange-System HP/3000. The company was now looking for a modern flexible branch software, where central processes of hazardous waste incineration are already included

Solution

GSB decides to use the branch-solution enwis) based on Microsoft Navision. enwis) covers the entire processes for hazardous waste disposal as well as official documentation regulations. Navision, on the other hand, covers the commercial areas of GSB.

Benefit

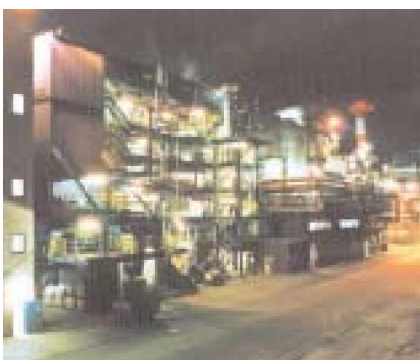
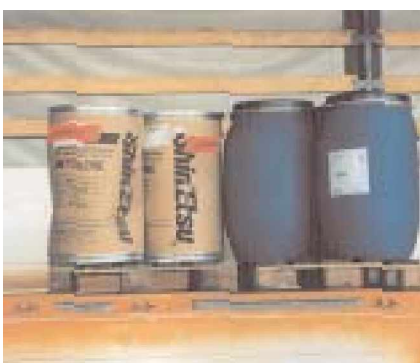
With us of Microsoft Navision, GSB was able to tighten administrative processes, to broaden their information basis and to increase the data transparency. Furthermore, the Navision Commerce Portal creates the basis for common processes with industries and communities.

You cannot run a business without producing waste. However, sometimes this waste might contain substances being harmful to the environment and unhealthy. If this is the case, the waste will be disposed by GSB Sonderabfall-Entsorgung Bayern GmbH. With its eleven sites, the waste disposal company receives hazardous waste from industries, local governments and private households. The deliveries are analyzed and treated accordingly. The GSB is liable to strict statutory regulations and inspections. Especially the requirements for the very detailed documentations are high. In search of a new business software, streamlining bureaucracy played a major role.

Broad basis of information requested

For more than 20 years, GSB was working with several individual solutions based on the Midrange-System HP/3000. "In the course of time, the structures became more and more complex. Especially maintaining the interfaces was extremely labor-intensive. It was additionally very difficult for new employees, to get used to the obsolete software", remembers Mr. Heribert See, head of the IT-department at GSB.

As least as problematic were the rigid evaluations. "Even small changes in the report structure resulted in lengthy programming", adds Mrs. Helga Retsch-Preuß, as company secretary in charge of business management at GSB. She's been wanting to change the obsolete IT-infrastructure to a modern standard software for a long time. The only thing missing were appropriate offers.



"As a medium-sized company, we are working in a niche of the waste disposal business. Our financial margin is accordingly small. On the other hand, our requests are just as high as those of a large business", describes Mrs. Retsch-Preuß the dilemma. Everybody agreed on the fact that the new software should cover all major company processes. Furthermore, GSB sets high standards on reports, emphasizes Mr. Karl-Heinz Schneider: "Our employees must always be informed about the origin and combination of the waste. Waste transfer notes and laboratory results should therefore be directly assigned to an order." Because of the great amount of records and the extensive demands, the Bavarian waste disposal company was considering SAP at first. In view of the high costs for the implementation and adjustments, the purchase of this software was not possible for GSB. On the other hand, the waste disposal company intentionally did not want to commit themselves to smaller system vendors. "We are looking for a medium-sized partner with investment security of a large company", points our Mrs. Helga Retsch-Preuß the demands. In the summer of 2001, the company heard of enwis), a branch-solution based on the business standard software Microsoft Navision.

"This branch-software covers all relevant processes, functions and reporting demands of the local authorities. Furthermore, Navision's software-structure is extremely flexible. Adjustments can, therefore, easily be made. As a result, the time needed for the implementation was clearly shorter than, for example, with SAP", justifies Heribert See the decision made in fall of 2001. The implementation was done by the developers of enwis), the Microsoft Business Solutions-Partner tegos gmbH Rosenheim. After two weeks of implementation, the financial accounting, as first company division, changed the software at the beginning of 2002. Afterwards, the project team focused on the working processes. It was, however, not necessary to help with basic knowledge, emphasizes Helga Retsch-Preuß: "The complete chain of process already existed. The location of the dialogue fields and the order of the input did, however, not always correspond to the usual process."

SOFTWARE UND SERVICES

- Microsoft Navision
- Microsoft Windows XP
- Microsoft Office XP
- Microsoft Visio
- Microsoft Exchange Server
- Microsoft Windows 2000 Server
- Microsoft BizTalk Server
- Microsoft Windows Server 2003
- Microsoft SQL Server
- Microsoft Internet Security and Acceleration Server 2000
- Microsoft Navision Commerce Portal Server
- Microsoft Navision Commerce Gateway Server

High transportation volume

Expansion of the number of functions was especially necessary in the logistics division, where the eleven sites of the GSB have a high internal transportation volume. "We saved approximately 300 contracts with medium-sized carriers in Navision. Our dispatchers are now able to find the most favorable partner fast", explains the company secretary the use of the database.

The central document for a hazardous waste disposal company is the waste transfer note with 6 copies. To minimize the work of archiving and distribution the papers, GSB, together with the Bayrischen Institut für angewandte Umwelttechnik (BifA) and the Landesamt für Umweltschutz (regional authorities for conservation), developed an internet portal, where waste transfer notes can be filled out and applied for online. For the technical basis of the platform, the Navision Commerce Portal and the Navision Commerce Gateway did their job. "Thanks to the complete integration of both components, the data from the internet is directly transferred and automatically integrated to the customer database and order processing", says Helga Retsch-Preuß on how it made their work easier.

Summary on Technology

Microsoft Navision GSB uses the business standard software Microsoft Navision as their business complete solution. The waste disposal company uses the following modules with its 227 plugged in workplaces: general ledger, sales and receivables, purchase and payables, intrastat, inventory, resources, jobs, banking, relationship management, fixed assets, human resources, cost-centre accounting, cost accounting and payments.

Navision Commerce Portal and Navision Commerce Gateway

Industries and public companies can hand in waste transfer notes or fill out movement forms with use of the Navision Commerce Portal and GSB also accepts orders for barcode labels and forms via the internet. The data is directly transferred to the business software via the Navision Commerce Gateway. Currently, GSB together with the Bavarian conservation authorities, are preparing the transfer of waste disposal data to the participating authorities. Exchange of the data is controlled via the XML-based Eubex-interface.

enwis)

The branch-solution enwis) is completely integrated in Microsoft Navision. It supplements the commercial branch functions like package tracking or revision archivation.

Electronic disposal

The customers also benefit from this technology. They do not need a special software, nor do they have to fill out the form by hand. Only one copy of the electronic document is needed for transportation purposes. It is no surprise that each year 5,500 waste transfer notes – a good quarter of the total amount – is processed electronically. Since the documents are valid for five years, the full capacity of the commitments can be followed in the web. The colors of a traffic light and a percentage of the consumption values clearly show the applied capacities. The integrated processes with industries and local governments smoothly enter the internal processes of the GSB. On delivery, the movement form is compared with the applied amount. Packages are monitored with help of barcode labels on their way to the incinerator. "We are informed at all times about the location of the delivery. Even for the incineration we must be able to assign the emission results to a specific order", points out Karl-Heinz Schneider the transparency of the software used. Momentarily, the project is almost completed. We will soon start working with the final part, the telephone-integration (CTI) and the monitoring of empty packages. Mrs. Helga Retsch-Preuß feels that this investment in modern technology is needed to survive on the market. After all, since the expansion of the European Union, the international competition has again increased. Furthermore: "The increasing requests of the authorities lead to a bureaucratic drain", reports the commercial executive. "To rationalize our administrative processes, therefore, ensures the long term existence of our company."

Customer reference: GSB Sonderabfall-Entsorgung Bayern GmbH

Subject: Enterprise Resource Planning

Branch: Services

Microsoft Business Solutions-Partner

tegos gmbh rosenheim

Tel.: 08031 39880

Fax: 08031 39 8810

E-Mail: info@tegos.de

www.tegos.de

Geschäftskundenbetreuung

Microsoft Deutschland GmbH

Konrad-Zuse-Straße 1

85716 Unterschleißheim

Tel.: 0180 5 229552*

Fax: 0180 5 229554*

E-Mail: btob@microsoft.com

*0,12 Euro/Min., deutschlandweit

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