



# hanseWasser

Digitalization helps increase safety and compliance

HanseWasser is using the following AMCS solutions: AMCS EHS Management

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## About hanseWasser

hanseWasser oversees the public sewage network in the city of Bremen, in northern Germany, and ensures the safe and environmentally friendly disposal of wastewater. In addition to inspecting, maintaining, and renovating the network, it treats over 50 million cubic meters of wastewater per year in two wastewater treatment plants, including one of the few carbon-neutral plants in Germany. Driven by sustainability, hanseWasser is committed to providing a safe and cost-effective wastewater collection and treatment process while maintaining the highest environmental standards. Consequently, hanseWasser is certified to ISO 9001, 14001, and 45001, in addition to the EMAS and QLA quality seal and is recognized as a specialist in waste management.



## Challenge

When wastewater treatment company, hanseWasser, first began to investigate e-learning software, it quickly realized that digitalizing just one aspect of its integrated management system would have drawbacks. Instead the company decided that an integrated, cross-company digitalization project was required to address a variety of occupational safety areas including risk assessments, operating instructions, and safe hazardous chemical management.

### A single software solution to support an integrated approach

In order to implement an effective solution, it became clear that hanseWasser would require a single software solution able to support the company's integrated management system, which spans quality, environment, sustainability, occupational health and safety, and information security policies.

Tanja Schmellenkamp-Winter, responsible for organization and legal compliance at hanseWasser Bremen, commented: "We operate an integrated management system that brings together the requirements of various standards. Of course, in our digitalization journey, we would never consider relying on different, isolated solutions that lack integration. The AMCS EHS Management system was the only software that aligns with our integrated approach and meets all our requirements."

# 50mcm

Wastewater treated per year

# 2

Wastewater treatment plants

# 400

Employees

# 1999

Founded





## Solution

By implementing the AMCS EHS Management system, hanseWasser was able to digitize much of its integrated management system. “Centralized data storage, streamlined optimization of individual workflows, seamless documentation, and the integration of various modules empower us to work efficiently and in compliance with regulations,” explained hanseWasser’s Tanja Schmellenkamp-Winter.

### **AMCS software helps the hanseWasser team work more efficiently**

Using the AMCS cloud-based software system, hanseWasser ensures that all staff have access to the resources they need instantly.

When it comes to training, for example, staff no longer use spreadsheets to manually record session details or training resources. Today, the AMCS software provides access to a range of online training materials in areas such as compliance, hazardous substances, RSA 21, industrial trucks, and overhead cranes, effectively supplementing legally required in-person training sessions.

Qualifications obtained via the AMCS system automatically include a validity period visible to supervisors, who receive timely reminders to initiate renewals. In the past, each supervisor would also create their own training content, but now much of the content is readily available, eliminating duplication and redundancy and facilitating the adoption of best practices.

Online training is also simplifying contractor management, streamlining the process of training external employees ready to work on site.

## Results

With a variety of digital tools in one place to support hanseWasser’s integrated management system, AMCS software helps save both time and money. All aspects of the IMS can be managed in interlinked modules, often saving significant time and resources when addressing issues such as instruction, risk assessments, and hazardous chemicals. Tanja Schmellenkamp-Winter explained: “In the past, it took an average of one hour to create operating instructions - today, using the AMCS software, we only need about 15 minutes.”

### **Automation saves time on planning, implementation and monitoring**

Previously, for each risk assessment, managers had to make appointments with the occupational safety specialist. Now, using risk assessment templates, AMCS can generate the necessary documents with just a few clicks. Similarly, AMCS can save up to 75% of the time required to create operating instructions. Instead of manually creating text files, instructions are easy to generate with readily available pictograms automatically inserted.

An automated solution also helps keep chemical inventory and safety data sheets under control. AMCS software provides an accurate overview of all ingredients, hazards and environmental impacts. Safety data sheets are seamlessly integrated into the software as are regulatory updates saving significant time and ensuring regulatory compliance at all times.

## Integrated EHS management supports performance sustainability

Enthusiastic feedback from other utilities and waste management companies was an important factor for hanseWasser when selecting AMCS, but what really sealed the deal was the fact that all aspects of their integrated management system can be managed in one software system. This helps hanseWasser adhere to ISO standards, harmonizing data and simplifying compliance. With help to ensure economical and environmentally friendly wastewater treatment, hanseWasser takes responsibility for people, the environment and society – making it the perfect example of what AMCS calls ‘performance sustainability.’

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With AMCS, we can now digitalize a substantial portion of the complexity and synergies within our Integrated Management System.

Tanja Schmellenkamp-Winter, Organization and legal compliance, hanseWasser Bremen