



Success Story



Trinkwasserversorgung
Magdeburg GmbH

Technical Facilities Management

Requirements

As regional drinking water supplier in Central Germany, the TWM GmbH operates 16 water works, 23 water towers and 34 pressure booster systems, which are supplied with energy of different voltage levels from the supply networks of the local grid operator.

Proprietary software has been used to manage the audit procedures and technical inspections (TÜV*) with the accompanying safety certification for all technical equipment. This SW should be replaced by a standard software.

Despite the branch structure of TWM GmbH, it is important to the company to work with a central database. The application should be accessed via a browser, to minimize the necessary maintenance. Furthermore it should be possible to create simply and easily proprietary forms and reports for evaluations and statistics, in order to implement new requirements quickly and cost-effectively.

The TWM wants to be able to make changes in the system themselves, such as adding new data fields, administration of Users and modification or creation of reports. A comprehensive access rights management should also be part of the new system.

The 'Trinkwasserversorgung Magdeburg GmbH' (TWM) is responsible for the procurement, collection, processing and transport of drinking water from 16 waterworks to the public utilities, municipal utilities, associations and societies in 6 districts with 68 cities and towns between the Colbitz-Letzlingen Heath, Westfläming and the Harz Mountains. The TWM uses the groundwater resources of the largest and qualitatively best groundwater deposits in Saxony-Anhalt in the Colbitz-Letzlinger Heath and the Westfläming primarily to balance areas with a water surplus against those that lack water.

"We maintain in our company large number of databases such as piping and systems equipment, easements, inventory of fire hydrants, water meters and pumps, mobile devices, analysis results, calibration periods, meter readings and meter changes, flow, power consumption, as well as system revisions and technical audits, pipe damage and disruption. Constantly changing legislation or regulations, area reforms and restructuring require changes to applications and data.

Our company is spread across 4 sites that are linked with dedicated lines with the central control.

Under these general conditions a browser based application, which runs centrally and can quickly, flexibly and inexpensively be adjusted to changing requirements, has an enormous advantage for us. The training necessary for the user was pleasingly low as LIMBAS is a very intuitive application."

Mr Rüdiger Meyer, IT, TWM Ltd.
[Translated by LIMBAS GmbH!]



Crocodile Theophila lives in a terrarium in the waterworks Colbitz.

**TÜV: short for "Technischer Überwachungs-Verein" Technical Inspection Association are German organizations that work to validate the safety of products of all kinds.*



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Conclusion

As a public water supplier the TWM requires a flexible system that covers both the own requirements and legal ones.

The LIMBAS framework is flexible enough to professionally implement complex and individual solutions. Changes, due to new requirements, can be adapted quickly. In addition to this LIMBAS is user friendly, offers a clear structure and a proven interface.

Solution

The LIMBAS GmbH developed for the TWM GmbH a database application based on the LIMBAS frame work. The existing 'ACCESS' database was analyzed and implemented in LIMBAS, with improvements. The required web based system access, one of the core features in LIMBAS, now enables all branch offices a remote access to the new system. This is a major advantage for deployment and maintenance activities, as roll out and installation of updates is carried out only once, centrally and no longer separately in each branch office.

The customer was able through an online development server to track, the daily progress of the new software and any requested alterations have been implemented immediately. A special focus was the individual requests by the TWM regarding the structure. The required reports and forms have been integrated through the existing LIMBAS report and form editor.

Go Live

After just one LIMBAS workshop TWM employees were able to use the integrated form and report editor to create customized reports and forms or to modify existing ones according to new requirements. Administrators can now add required data fields, using a graphical interface and they can create and manage users.

Access to the data is controlled in LIMBAS by the integrated access rights editor, which allows administrators to set the access rights down to a single field, as well as the right to use save or delete functions for individual employees or groups.



LIMBAS GmbH