

MONTANWERKE 
BRIXLEGG



FACTS AND FIGURES

SECTOR

Manufacturing

LOCATIONS

1 (Germany)

SOLUTIONS

Ultimo Maintenance Management.

CHALLENGES

- Streamline processes.
- Have a modern, future-proof software solution for maintenance.
- Registration of costs.

RESULTS

- Structured order processing and cost registration.
- Exact overview of the costs for failures, maintenance and repairs.
- More fitting preventive maintenance and fewer disruptions.
- Annual savings potential of 5% of the purchasing volume

INCREASES THE ANNUAL SAVINGS POTENTIAL.

ULTIMO INTEGRATES MAINTENANCE, WAREHOUSE & PURCHASING.

The copper refinery in Brixlegg was first mentioned over 550 years ago. They currently employ more than 300 people who are responsible for turning traditions into a liveable future. The Montanwerke Brixlegg. Every year, they recycle 100% of over 160,000 tonnes of copper scrap. Their products: copper cathodes, billets and cakes; precious metals such as gold, silver and platinum; copper oxychloride as the active ingredient in pesticides; and the sandblasting material 'granos'.

As the head of the Maintenance department, Silvio Turri is responsible for different departments, including fireproof, mechanics, electrics, installation, construction. Over 60 employees make sure all the equipment operate with as few issues as possible. The Internal Logistics department also consists of 25 employees who are responsible for the transport of raw materials inside the factory and loading the end products. To streamline these processes, they work with the Ultimo Maintenance Management software, which realises their goal of having a modern, future-proof software solution for maintenance. The approach for the introduction was a pragmatic one.

'Even with just the improvements in purchasing alone, we are already looking at an annual savings potential of 5% of our purchasing volume.'

Software for maintenance, warehouse and purchase

"At first, we were only looking for a solution for order processing," Silvio Turri explains. "But after consulting with the Purchasing department, we found that the common preference was a joint solution. The Purchasing department spends 70 to 80% of their time on maintenance only, so it became clear quickly that a total solution was required; software that also includes the warehouse and purchasing. I was immediately pleased with Ultimo's web-based structure. We eventually made the decision to go with Ultimo Maintenance Management, and we are still very confident we made the right decision. I am still convinced this is the right solution because it allows us to customise input screens, reports and workflows. I don't always need an external programmer if I want to change something," Turri adds.

Structured order processing and cost registration

The Production department generates a job, which may be a change, expansion or repairs. This job is linked to an approval process. The relevant department uses the generated job to draw up a cost estimate for the cost unit of the material costs and required hours, which can then choose to either approve or reject the estimate. The active order is now the basis for material orders, issues from the warehouse for spare parts and the hour registration for the departments in question.

Integration of stock management and purchase

The registration of costs is an important topic for Montanwerke Brixlegg, so it is not surprising that this aspect of the integration of Ultimo is extra extensive. For this purpose, an interface with the existing financial accounting system is available, to which all incoming invoices registered in Ultimo are sent. The issuing of materials in the warehouse for spare parts has also been expanded

with a barcode scanner so the parts are registered online with the correct repair order. Silvio Turri: "Previously, the stock materials were only issued to the cost unit, but with Ultimo we now have an exact overview of the costs for failures, maintenance and repairs that are assigned to separate pieces of equipment." The figures show how successful the integration has been: Over 200 users, 2200 pieces of equipment, 5000 articles, 6000 orders and 14,000 assignments, with approximately 800 being added every month.

We now generate information about costs, lead times, downtimes and much more for every new assignment. This information is now analysed because 'the equipment speaks to us', and Ultimo helps us understand what they're saying. There is a very clear trend of fitting preventive maintenance and fewer disruptions.

The benefits speak for themselves

The commissioning of Ultimo necessitated new process flows, but overall the benefits of Ultimo are very clear. "I would put the payback time at around two to three years for our amount of standard processes," Turri continues. The efficiency in the order processes has been improved which also includes improvements in purchasing, "which I estimate already account for a savings potential of 5% of our purchasing volume every year." Part of the reason for this are lowered storage costs because of better stock management. On top of that, spare parts are allocated to the assets, meaning we know whether a part is in use or in stock at all times. When equipment is no longer used or necessary, the spare parts that are no longer necessary are also removed from the warehouse.

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