

EFORA OY, OULU

AGILON IMPROVES OPERATIONAL EFFICIENCY

Efora Oy, a provider of industrial maintenance and engineering services, promises its customers smart maintenance. Eight Konecranes Agilon® material management systems assist it in this task at the company's five largest sites, located alongside Stora Enso's pulp and paper mills.

CHALLENGE

A few years ago, Efora updated its strategy, and its key focal point was to be among the first in the sector to make use of the opportunities offered by digitalisation and the Industrial Internet. Rather than invest in its own warehousing system, the company wanted to improve its management of the tools needed for maintenance, consumables and critical spare parts. Previously, all of the maintenance supplies and spare parts were stored in an open warehouse. Every withdrawal was supposed to be recorded, but this did not always happen. So components sometimes went missing and in the worst case, a paper machine needed to be shut down.

REQUIREMENTS

Efora wanted a material management system that would help the company to operate more efficiently and cost-effectively. Production equipment has to be ready when needed, so spare parts must always be available when required.

AGILON MATERIAL MANAGEMENT SERVICE

- increases transparency and automates the supply chain
- reduces maintenance workload when procurement proposals and purchase orders are no longer needed
- eliminates manual work and errors at both ends of the supply chain
- saves time when manual inventory and paper documentation is not necessary
- minimizes risk of paper machine downtime because components are reliably available



"We are satisfied with the progress of the delivery project and our collaboration with Konecranes," says Matti Kokkila, Project Manager at Efora Oulu Profit Unit.



Ahlsell, a wholesaler of technical goods, has been involved in Efora's Agilon project since the start. Pictured (from left): Ahlsell's Area Manager, Juha Laukka, and Key Account Manager, Teemu Paaso, with Efora's Matti Kokkila and Konecranes' Sales Manager, Jarkko Hemmi.



INDUSTRIAL CRANES



NUCLEAR CRANES



PORT CRANES



HEAVY-DUTY LIFT TRUCKS



SERVICE

RESULTS

Konecranes Agilon® material management system, which is operating as a warehouse for supplies and spare parts at Efora Oulu Profit Unit, has enough capacity to store a thousand packages weighing up to 25 kilograms with dimensions roughly equal to a large packing box. The resource planning system of Ahlsell, one of the Efora's large suppliers, has been integrated into Agilon as well.

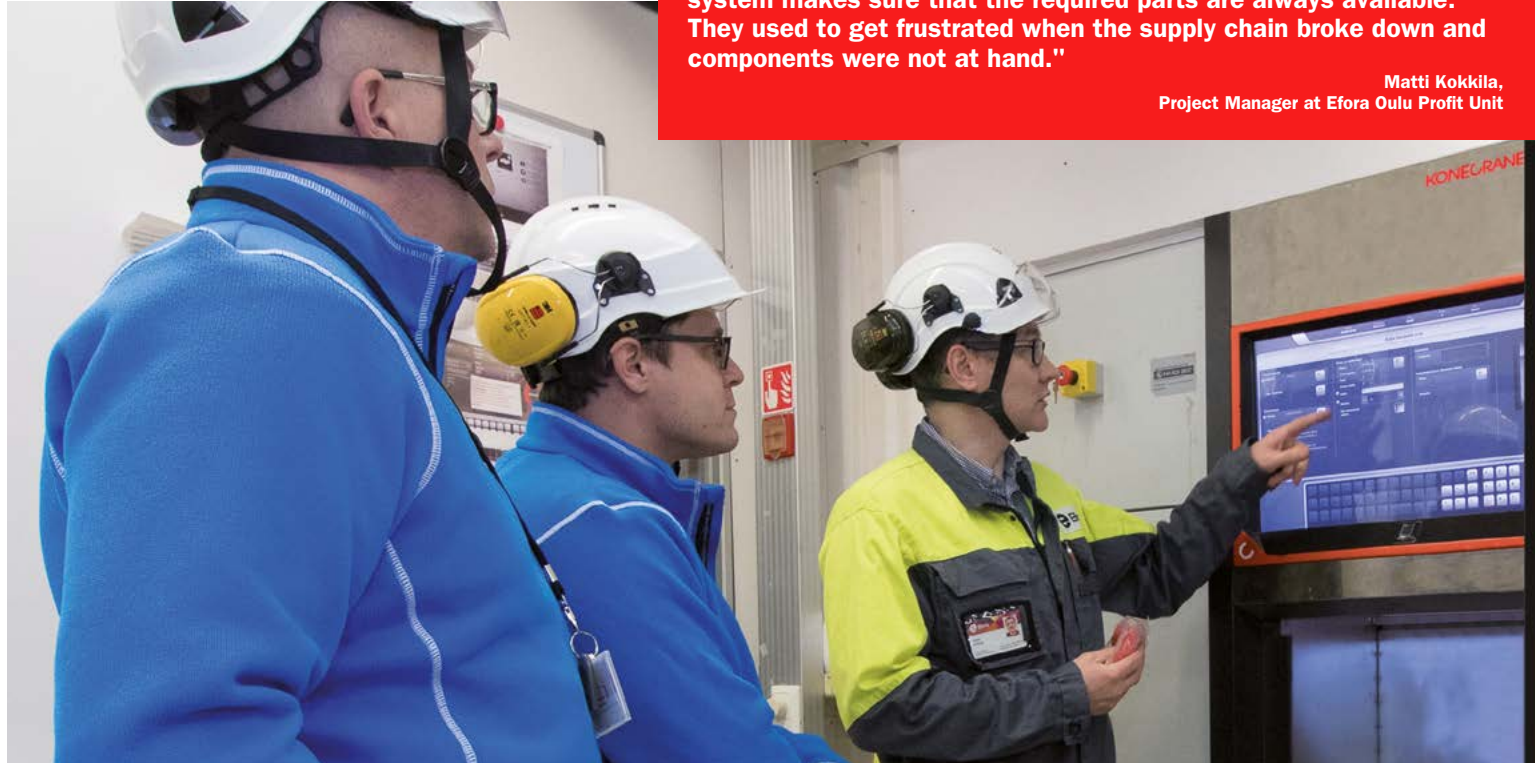
- Inventory balances are always up to date. Nobody needs to spend time stocktaking or counting the contents of boxes. Information on available inventory can be obtained automatically.
- Purchase orders are now automated. When the system notices that the amount of stock has fallen below a specific threshold,

Agilon automatically sends an order to the supplier.

- Suppliers have real-time data on stock availability, and don't need to check it. Agilon has halved the number of supplier visits to Efora site.
- Suppliers bring the ordered MRO supplies and spare parts. Orders are then compiled into a single monthly invoice.
- Efora's employees have more time for other work.
- Agilon development is continuing on-site. There are plans to use the Agilon Mobile app at smaller sites, where there is no need for a complete Agilon warehouse with a robot, and goods can be easily managed with a smartphone and a portal.

"Nowadays, nobody wants to have goods lying around in the warehouse: the supply chain and all of the operations should be as streamlined as possible. I think the fitters are also happy now the system makes sure that the required parts are always available. They used to get frustrated when the supply chain broke down and components were not at hand."

Matti Kokkila,
Project Manager at Efora Oulu Profit Unit




"We try to store critical goods and items with a quick turnaround time, such as the filters and washers needed for paper machines. If the Agilon is filled up with goods that are not taken out, it is being used wrongly," Efora's Matti Kokkila (on the right) states. Pictured (from left): Ahlsell's Area Manager Juha Laukka, and Key Account Manager Teemu Laukka.

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