



Flexible production system for Hydroscand.

Hydroscand in Örebro manufactures hydraulic hoses and is the market leader in hose and pipe components in Scandinavia. Prevas was commissioned to replace an older system for monitoring the various operations and stations in production with a more reliable and flexible system, which could also be expanded and further enhanced with new functionality.

At Hydroscand's factory in Örebro, hydraulic hoses are manufactured on six parallel production lines with stations for various operations, such as cutting, plug testing, assembly, pressing and packing. Five of these are manual and one is automatic. The previous production monitoring system was getting old and there was no longer the capability for support, adaptation and further development.

“Collaboration with Prevas has gone really well,” says Fredrik Järnberg, site manager at Hydroscand OEM in Örebro. “I think it is the combination of technical and social skills that has been crucial for us in being able to work as colleagues and carry out the project together. “We also received good documentation and regular updates, which gave us confidence in the process.”

In the initial phase, the focus was on understanding how the existing system worked, what data was used and how different parts communicated with each other. In the various phases of the project, several people with skills in different areas such as UX design and programming have been involved. The requirements and wishes of the users have always guided design of the different stations and operations.

“Putting it all together has been an interesting and fun challenge,” says Martin Östberg, project manager at Prevas. “We had to do some detective work in the beginning to learn how the existing PC-based system worked and to be able to make the right analysis of how to control production. The new system is similar to the old, but together with Hydroscand we have enhanced both functions and interfaces. The transition to networked communications has enabled us to reduce the number of stops and faults in production.”

More about [the collaboration between Prevas and Hydroscand](#).

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About Prevas

Prevas is a development hub with ingenuity at its core. With high technical expertise and deep business understanding, we help customers from a wide variety of industries to benefit through continuous technological innovation. Good for people, the planet and profits. Prevas was established in 1985 and currently has 900 employees in Sweden, Denmark and Norway. Prevas has been listed on NASDAQ Stockholm since 1998. For more information about Prevas, go to www.prevas.com.