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Semcon and ELOP in new collaboration on the development of unique concrete scanners

Semcon has signed a product development agreement with the Norwegian technology company ELOP. The collaboration will result in a concrete scanner for critical infrastructure that will be ready for commercial sales later this year.

“Semcon will complement ELOP’s expertise in scanning with further expertise in multi-disciplinary solution development. We are looking forward to provide all our experience from material technology, embedded electronics development, design for manufacturing, UX design, product information and overall Systems design”, says Hans Peter Havdal, Area Manager, Semcon Norge AS.

ELOP's patented ultrasound scanning technology can quickly, efficiently and accurately collect infrastructure assessment data. With the help of the data, owners of critical concrete infrastructure, such as bridges, tunnels and buildings, can get accurate information to assess the condition of the structures. Damage or failure can have serious consequences, financially, environmentally and above all for safety.

Unique technology, unique user experiences

“We are extremely pleased with our agreement and excited to work with Semcon. Their deep domain expertise in product development and industrialisation will assist ELOP in developing the Cobri scanner into a robust and user-friendly solution. This project will include user-based development of the present solution, and optimisation of the product for efficient production and operation”, says ELOP CEO Kjersti Kanne.

Digital product information

The collaboration with Semcon also encompasses digital product information to simplify the use and service of the scanner. Semcon’s wide expertise across many industries, will enable ELOP to provide relevant and easily accessible information to its users.

[Read more about Semcon's offerings in product development and product information.](#)

Semcon is an international technology company that develops products based on human needs and behaviours. We strengthen our customers’ competitiveness by always starting from the end user, because the person who knows most about the user’s needs creates the best products and the clearest benefits to humans. Semcon collaborates mainly with companies in the automotive, industry, energy and life science sectors. With more than 2 000 specialised employees, Semcon has the ability to take care of the entire product development cycle, from strategy and technology development to design and product information. Semcon was founded in Sweden in 1980 and has offices in over 30 locations in eight different countries. In 2019, the Group reported annual sales of SEK 1.9 billion. Read more on [semcon.com](https://www.semcon.com)

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