



Innovation for Growth

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Prevas nominated for the Swedish Embedded Award – for fifth year in a row

For the fifth year in a row, the engineering firm, Prevas, which is the Nordic leader for embedded systems, has been nominated for the Swedish Embedded Award. Prevas is competing together with Miris in the Enterprise category for this prestigious prize.

With the help of Prevas, Miris Holding has developed an instrument for the analysis of liquids, such as cow, buffalo and breast milk. The method of measurement is based on Mid IR spectroscopy and Miris stands for Mid Infra Red Intelligent System. The instrument can analyze the composition of many different liquids, with a current focus on analyses of milk where the content of fat, protein, carbohydrates, etc. is measured. Miris' instruments are also used to analyze e.g. meat, fish and drugs.

“The market for analysis instruments within the milk industry is very big. With Miris' instruments, expensive and large instruments can be replaced with small, portable units at lower prices, without having to compromise on performance and quality. The attractive correlation between performance and price allows for an extensive market in the analysis of cow and buffalo milk in fast-growing economies, such as India and China,” says Tony Malmström who is one of the founders and CEO of Miris. He continues:

“Another very important area of use for Miris' instruments is within the analysis of breast milk, where the nutritional content of breast milk can be analyzed and any supplements can be individually adapted for premature babies. The analyses can be performed on the spot in a neonatal unit and be directly adapted for the individual baby's nutritional needs.”

Johan Bergsten, Sales Manager at Prevas in Uppsala says:

“It's been an exciting development project and I'm delighted that the product is now being nominated for the Swedish Embedded Award.”

Fast development with the latest technology

The processor module that forms the basis of Miris' instruments was unexpectedly taken out of production. Miris was then faced with the choice of reconstructing its instrument for another commercial processor module, or to develop its own processor module adapted for the existing instrument design. In consultation with Prevas, Miris chose the second option. In a short space of time, Prevas developed an adapted processor module for Miris, based on the Freescales i.MX-53-processor (ARM Cortex A8). The new processor module leaves other parts of the instrument untouched, and thus is compatible with the already installed instrument base. Prevas has also developed an adapted Windows Embedded Compact 7 image for the new module.

The winners of the Swedish Embedded Award will be announced at the Embedded Conference Scandinavia at the beginning of October. For more information about the Swedish Embedded Award, see www.embeddedpriset.nu.

For more information and follow-up:

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About Prevas

With cutting edge expertise in embedded systems and industrial IT, Prevas contributes by providing innovative solutions that create growth. Prevas was founded in 1985, and the company is the main supplier and development partner to leading companies in industries such as life science, telecommunications, vehicle, defense, energy and engineering. Offices are located in Sweden, Denmark, Norway and India. The company has approximately 600 employees. Prevas has been listed on the NASDAQ OMX Nordic Exchange in Stockholm since 1998. For more information, please visit www.prevas.se.