

Innovation partnership with Biovotion to revolutionize patient monitoring

- *ECR AG assumes industrialization and production of new medical product*
- *Comprehensive technology know-how by exceet accelerates go-to-market*

Rotkreuz, Zurich, January 26, 2015 – ECR AG, a member of exceet Group and a specialist for sophisticated electronic components and complex devices, has won an industrialization and production order from Biovotion AG for a new wearable vital signs platform for patient monitoring. The new product aims to assist patients during the treatment process by continuously transmitting vital sign data. In this way, both companies are addressing growing requirements in terms of data continuity and data quality, as well as patient security in monitoring of chronically ill patients. Biovotion AG, based in Switzerland, is one of the world's most innovative eHealth enterprises. It specializes in physiological patient monitoring and recently won an XPrize Award as part of the global Nokia Sensing XCHALLENGE 2014. For the new Vital Sign Monitor (VSM), Biovotion has now secured support from Swiss electronics specialist ECR, who is able to act as a one-stop shop for all components from development to delivery.

A final prototype of the VSM is already expected to be available this year, and certification is likewise scheduled to begin in 2015. Series production at ECR in Switzerland will start in 2016. exceet Group will manufacture the new body monitor in its entirety, i.e. including the charging station, conduct all quality assurance testing and deliver the devices in ready-to-ship packaging.

“For such a demanding schedule, we needed a development and production partner with extensive practical experience in the medical device field, and one who can contribute rapid, maximum-quality support in terms of know-how and production capacities. And that's exactly what we found in ECR AG. The icing on the cake is that we can also rely on the wide-ranging expertise and technologies of the other companies of exceet Group, particularly in the fields of miniaturization, data security, authentication, RFID and NFC,” says Andreas Caduff, CEO of Biovotion. “exceet gives us all the product realization competencies from a single source. That reduces development costs and shortens our time-to-market phase. For us, it's an important advantage to have a company at our side that can offer all these competencies and has successfully proven them on the market.”

The VSM1 is the first body monitor of a new Biovotion series. The medical product enables continuous, motion-tolerant and thus robust monitoring of heartrate, blood oxygenation, skin temperature and other vital sign parameters – all in a highly user-friendly form, without a chest strap. The project was designed e.g. to monitor patients with chronic illnesses and is suited for uses in hospitals, but also for mobile patients and health-conscious individuals. The Biovotion VSM is worn on the upper arm. The captured medical data can be displayed on and intelligently processed by a variety of devices, e.g. smartphones or tablets.

For purposes of product support and continued development, the medical products specialist plans to engage in a long-term collaboration with ECR as a development partner and manufacturer.

The VSM will satisfy all regulatory requirements at national or international level. Here too, ECR will be supporting the client from the industrialization phase onwards.

“We are very pleased that thanks to our expertise and overall portfolio we were able to win Biovotion as a new client, and can now contribute our competencies and those of the other exceet companies to this exciting project,” says Dan Negrea, Chief Executive Officer of ECR AG. “With this development, we are further expanding our portfolio in the field of consumer healthcare and digital health and thereby consistently pursuing our strategy of steadily broadening and improving our range of products and services in this segment.”

About exceet Group

exceet Group is an international technology group specialized in intelligent electronics and card-based security technology.

About ECR

ECR AG, based in Rotkreuz (Switzerland), specializes in the development, manufacture, assembly and testing of sophisticated electronic components and complex technical devices. The company’s special strengths lie in SMT and THT technologies mounted on flexible, rigid-flex and rigid circuit boards. ECR components can be found e.g. in defibrillators, medical diagnostic devices, vibration measurement technology and products for potentially explosive atmospheres (ATEX).

Quality assurance in all manufacturing phases and comprehensive testing using AOI, flying probe, ICT, functional, boundary scan and power testing systems allow ECR to guarantee its clients fault-free, immediately deployable components and devices.

About Biovotion

Biovotion, headquartered in Zurich, specializes in comfortable, non-invasive wearable devices for continuous physiological monitoring of patients and health-conscious individuals. Biovotion is XPrize Award winner of the Nokia Sensing XCHALLENGE 2014, and in May of 2013 the Biovotion Vital Parameter Platform earned the Silver Medal at the European Commission’s reputable European eHealth Competition for Small and Medium Enterprises.

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