

SCHWEIZER ELECTRONIC is active in the field of medical technology with its own product and has agreed to a strategic cooperation with SIEMENS Austria in RFID Tracking and Tracing

Schweizer Electronic AG, situated in Schramberg, Germany, and SIEMENS AG Österreich, with registered offices in Vienna, Austria, have agreed to extensive cooperation for the manufacture and marketing of RFID transponders with the integrated sensor technology known as "SEAGSens". Schweizer Electronic is responsible for the manufacture of the transponders developed in collaboration with the Hochschule Offenburg (Offenburg university) and SIEMENS. SIEMENS will assume the distribution and marketing. The SEAGSens will be used in seamless temperature monitoring, tracing and the clear identification of blood bags, medications or foodstuffs, among others. Schweizer Electronic is to operate the RFID business in the context of a "Schweizer Tracking and Tracing Solutions" business unit.

After having completed extensive tests and pilot projects, Schweizer Electronic has now finalised the qualification of the SEAGSens (see pictures). The first series production order has already been received.

In principle, the RFID-based measuring instrument monitors and verifies temperatures as required in this logistical application of blood products. Reliability is the all-important decisive factor here. The SEAGSens fulfils the highest requirements of clinics and blood banks. The temperature-based quality assessment of donor blood on their entire route from the donor to the patient markedly reduces the discard rate of blood products which leads to considerable cost savings.

In addition, the clear identification of the stored blood effectively prevents the serious consequences of incorrect blood transfusions caused by mistaking blood bags.

The same technology can also be used to monitor the transport and logistical processes of other industries and applications for which temperature is of critical importance.

Schweizer Electronic AG (WKN 515623) is one of the top three European manufacturers of printed circuit boards with recognised expertise in technological and consulting expertise in the automobile, solar and industrial electronics sectors. The company was established in 1849 and is today managed by sixth generation family members.

Schweizer Electronic focuses on complex multi-layer and HDI circuits as well as solutions for the reduction of system costs and the integration of active and passive components in printed circuit boards. In addition, Schweizer Electronic has a wide range of responses to the challenges of modern power electronics. With its partner network, Schweizer Electronic AG offers solutions optimised for cost and production for small, medium and mass series production.

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Picture: SEAGsens (Schweizer Electronic AG)



Picture: SEAGsens on blood bag (Schweizer Electronic AG)