PUSHING PERFORMANCE
TO THE LIMIT – sdcX

The steute business division Meditec and the company SurgiTAIX AG have agreed a development cooperation. Their joint work will include further development of real-time extensions to "Service-oriented device connectivity" (SDC), known as Real-Time SDC (RT-SDC), as well as transformation of the sdcX library into a dual stack.

SDC is an open communication standard which facilitates the interoperability of medical devices. Interoperability refers not only to the manufacturer-independent integration of medical devices, but also to how the devices are used. It improves ergonomic comfort and permits the surgeon to concentrate fully on the surgery, as well as the patient.

The basic standards within the IEEE-11073 family of standards have already been passed. Additional standards, which refer to aspects such as external control and device modelling, are currently under development. Both steute Meditec and SurgiTAIX are involved in developing these standards within the framework of OR.NET e.V. First applications of the family of standards are already in clinical use.

The objective of the newly agreed cooperation is real-time capability for the SDC standard. This feature is required for the HF devices frequently used in electrosurgery, for example. When the surgeon starts or stops the HF device, there can be no time delay. Real-time capability is also crucial for the communication between the devices, e.g. in closed loops.

For more information, individual service or interest in a job, please contact us. You can also find detailed information at: www.steute-meditec.com

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