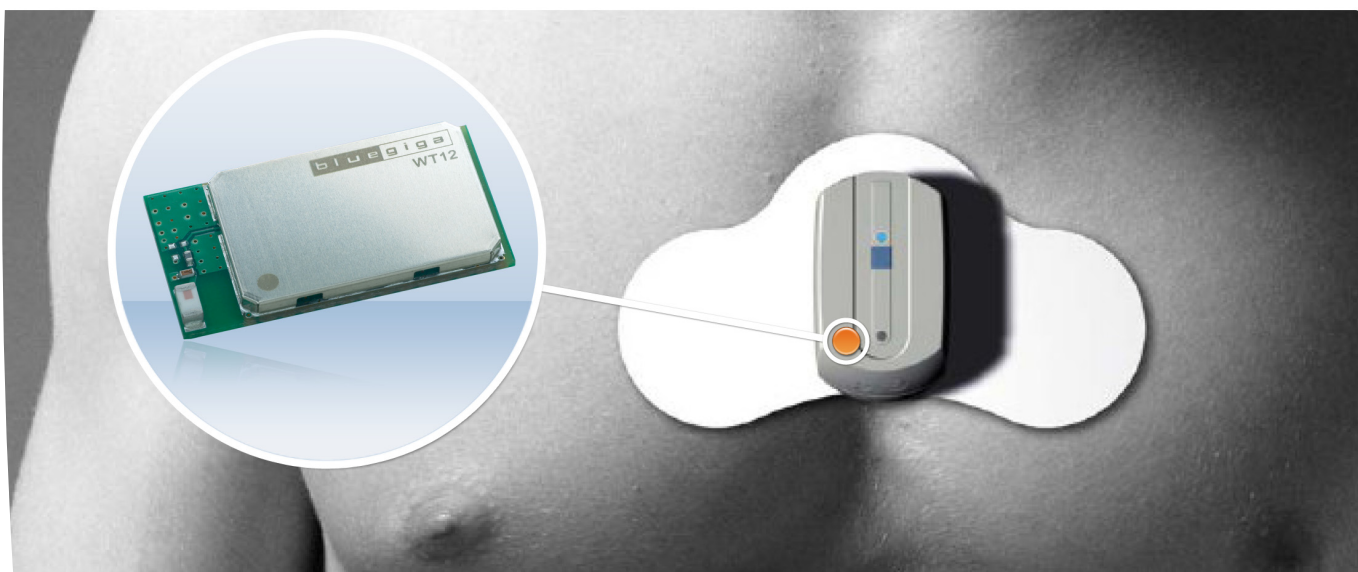




Bluegiga Case Study

Sensor Technology + Devices Ltd.



Live Wireless Streaming of Vital Signs via *Bluetooth*

Irish company Sensor Technology + Devices Ltd. (ST+D) is an internationally recognized, leading innovator in targeted non-invasive vital signs monitoring. ST+D develops and manufactures its own products and also products for other original equipment manufacturers. The company's strengths lie in non-invasive wireless medical products and medical sensors and electrodes.

Rathlin Wireless Vital Signs (RATH210) is a wireless ECG system measuring ECG, skin surface temperature and motion. The small device is built in with Bluegiga WT12 *Bluetooth* Module, which provides *Bluetooth* wireless technology for sending the data to a PC/Laptop in real time. The PC/Laptop is programmed with custom software provided by ST+D to view the signals and the product cannot be used without this. The compact device is comfortable to wear with easy-to-apply patch electrodes and is rechargeable with a Lithium Ion battery for long-lasting use.

ST+D also supplies protocol details for their devices that would allow integrating RATH210 into other medical devices.

For more information, please visit www.stnd.com