

Bluegiga Case Study BODYTEL



GlucoTel, a Bluetooth enabled blood glucose meter

BodyTel is a German-American company that specializes in telemedical monitoring and management systems for chronic diseases, particularly diabetes. BodyTel's products $GlucoTel^{TM}$, $PressureTel^{TM}$ and $WeightTel^{TM}$, all carry a built-in Bluetooth module, which enables them to automatically transmit measured body values to a secure internet database using the patient's cell phone as a transmission hub.

BodyTel's flagship product, GlucoTel, is a *Bluetooth* enabled blood glucose meter (built-in Bluegiga WT12 *Bluetooth* module) that uses a Java, *Bluetooth* and internet enabled cell phone to automatically and wirelessly transmit measured blood glucose values to a secure internet database.

With GlucoTel patients can continue to perform their daily monitoring as usual and still their results will be automatically transmitted to the secure internet database. BodyTel Mobile (Java application) provides patients with the ability to easily add additional values (e.g. meals, medication, sports) into the cell phone and from there into the online database as well.

Patients have the ability to grant database access to other people such as healthcare professionals and caregivers. Authorized healthcare professionals and caregivers will then have accurate information, so that they can quickly adjust their treatment as needed to help improve their patient's quality of life.