Bluetooth Low Energy Applications Based on ISP modules
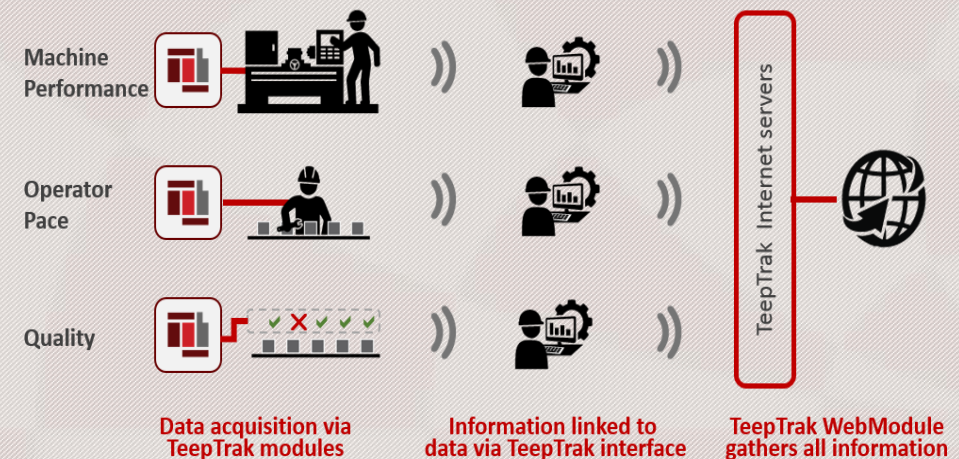
Insight SiP
It's all in the package

BLE typically used for

- ✓ Connected sensors for medical devices, healthcare, sport, fitness, industrial devices …
- ✓ IoT applications: connected objects like bracelet, watches …
- ✓ Wearable technology
- ✓ Phone/laptop accessories
- ✓ Home automation
- ✓ Beacons
- ✓ Localize indoors to medium accuracy
- ✓ Wireless charging
- ✓ Led lighting
- ✓ Toys

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Product: Real-Time Performance Tracking System

Company: Teeptrak, France

Website: www.teeptrak.com

Module: ISP130301

✓ A set of cost-effective tools to monitor the performance in real-time from anywhere in the world

✓ An extremely versatile performance tracking system that can be installed quickly in a wide range of situations

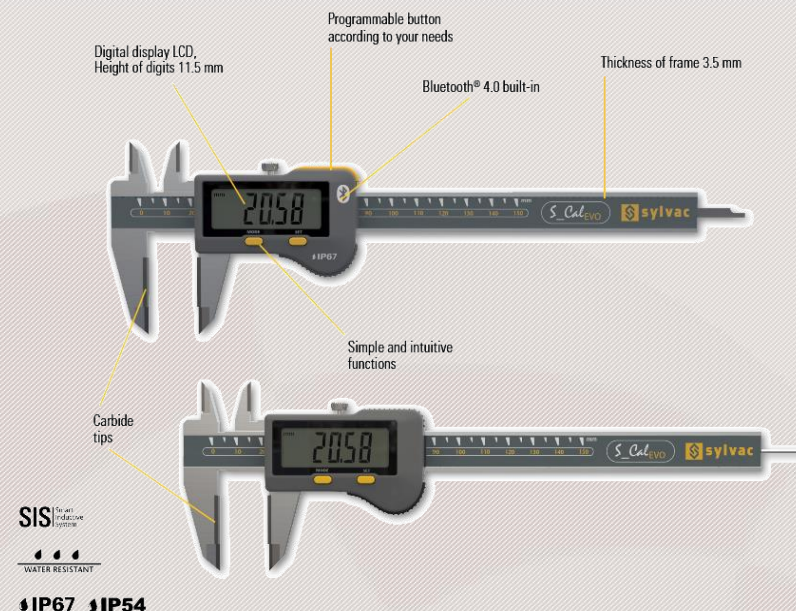✓ It allows to gather, visualize and export information with a single solution

Machine Performance

Operator Pace

Quality

TeepTrak Internet servers

Data acquisition via TeepTrak modules

Information linked to data via TeepTrak interface

TeepTrak WebModule gathers all information

Product: Caliper S_Cal EVO Carbide

Company: Sylvac, Switzerland

Website: www.sylvac.ch

Module: ISP091201

✓ Best caliper on the market with built in Bluetooth, IP67 protection rating, ultra-low consumption with up to 3 years battery life

✓ Water protected for heavy-duty work with coolants and lubricants

✓ Automatic wake-up by moving the electronic on his frame

✓ Position memorized in sleeping mode

✓ Maximum speed of displacement : 2.5 m/sec

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Micro*tronics*
We live M2M

➕ **Product:** New H2S measuring generation

➕ **Company:** Microtronics, Austria

➕ **Website:** www.microtronics.at/h2s

➕ **Module:** ISP130301

✓ Measures the H2S concentration all year without data gaps

✓ Data is protected by an extensive security concept

✓ Data is transferred via 3G/UMTS to an internationally standardised service rate

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Insight SiP — It's all in the **package**

- **Product:** IoT box

- **Company:** T-Mobile, Austria

- **Website:** https://business.t-mobile.at/m2m/unser-angebot/iot-box.php
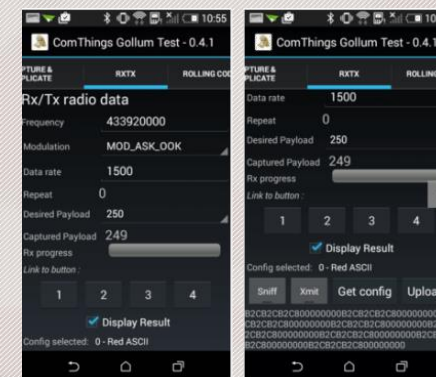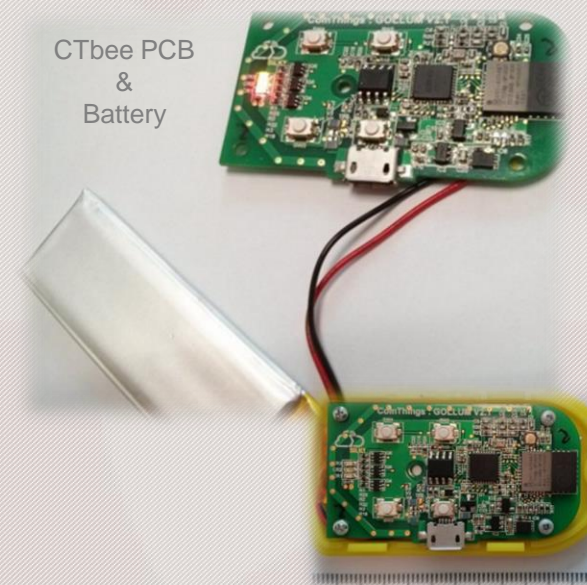
- **Module:** ISP130301

✓ With the T-Mobile IoT Box you realize easily your custom M2M application: connect your devices and sensors and transmit the collected data via mobile in a cloud system

✓ At a data interface you can use the information for processing and integration with other systems, websites or apps

✓ The T-Mobile IoT Box consists of a developer board with integrated M2M SIM card, multiple inputs / outputs and Bluetooth Smart interface, an online portal and a RESTful API

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ComThings — Connect them all

- **Product:** **CTbee-Parking for Peer-to-Peer Parking**

- **Company:** **ComThings, France**

- **Website:** **www.comthings.com/shared-parking**

- **Module:** **ISP130301**

CTbee PCB & Battery

- ✓ The smart, secure way to open parking barriers

- ✓ ComThings creates a smartphone app that lets customers open specified barriers at specified times

- ✓ This is enabled by CTbee controller

Insight SiP — It's all in the package

STid — Electronic Identification

- **Product:** Architect® Blue
- **Company:** STid, France
- **Website:** www.stid.com
- **Module:** ISP130301

ARCHITECT BLUE — IDENTIFY . TOUCH . CONTROL

✓ Architect® Blue is a secure user-friendly identification solution which makes your mobile phone the access key.

✓ High Security access control card readers, combining the RFID MIFARE® and Bluetooth® Smart (Low Energy) technologies.

✓ Secure exchanges between the smartphone and the access reader; EAL5+ data storage.

✓ Various Online and Offline management modes.

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Insight SiP — It's all in the package

HÄFELE

- **Product:** Locking System

- **Company:** Häfele, Germany
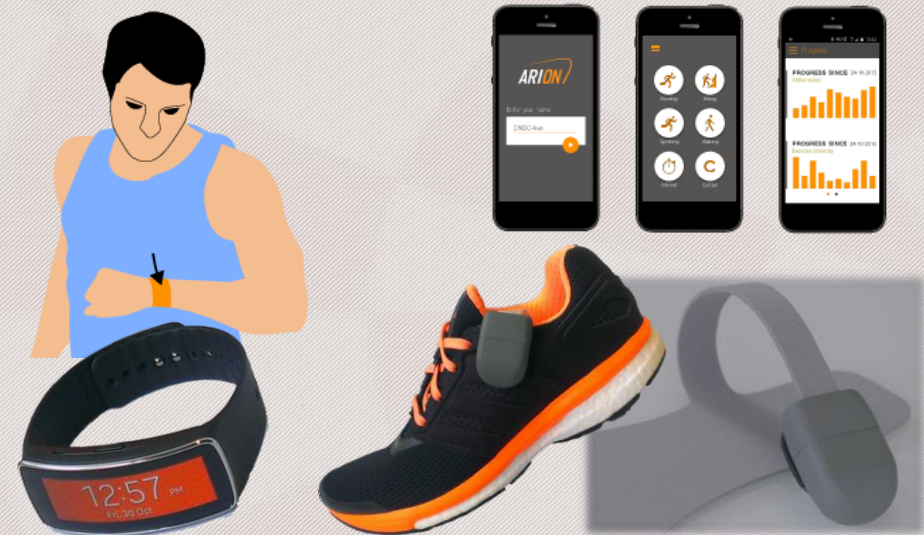
- **Website:** www.haefele.de

- **Module:** ISP130301

✓ A multi-faceted hardware program to suit any door or window

✓ Electronic locking and identification solutions for exterior or interior doors, as well as furniture

✓ Programmable keys of any type and format

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Insight SiP — It's all in the **package**

ATOGEAR

+ **Product:** **Arion – Running Wearable Technology**

+ **Company:** **Atogear, The Netherlands**

+ **Website:** **www.ato-gear.com**

+ **Module:** **ISP130301**

ARION
UNLEASH YOUR INNER ATHLETE
developed by *ATOGEAR*

✓ Focused on the running electronics market and addresses the question "How do I run?"

✓ Based on pressure sensitive insoles

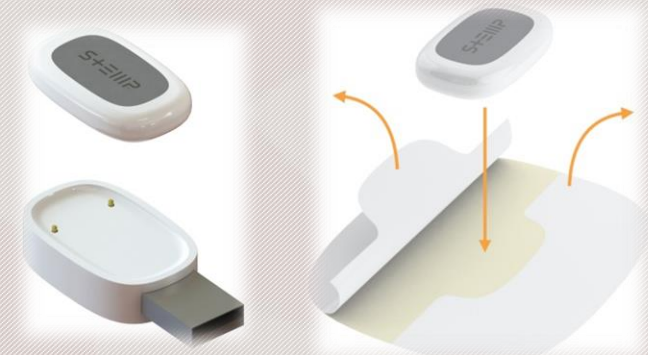✓ System allows runners to measure, understand, adapt and directly experience their running technique

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Product: Stemp - Smart Temperature Patch™

Company: Stemp, USA

Website: www.getstemp.com/get-stemp

Module: ISP130301

✓ Reliable temperature measurement:
Provides accurate readings the first time and every time, so users never need to worry or re-measure

✓ Intelligent mobile app:
Features smart alerts, data tracking and analysis, battery status, and an elegant, customizable interface (available now for iOS & Apple Watch / for Android)

Insight SiP — It's all in the package

FEELIGREEN — DERMO-INNOVATION

- **Product:**   i-Feel

- **Company:**   Feeligreen, France

- **Website:**   www.feeligold.com

- **Module:**   ISP130301

✓ Trailblazer innovation of the "IoT-C" (the Internet of Things applied to cosmetics)

✓ Effective skincare - combination of two technologies:

  o Non-invasive bipolar micro-currents, for safe and effective skincare

  o LED for a photodynamic therapy

✓ Smartphone application is available for Android and iOS.

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- **Product:** Scriba

- **Company:** Dublin Design Studio, Ireland

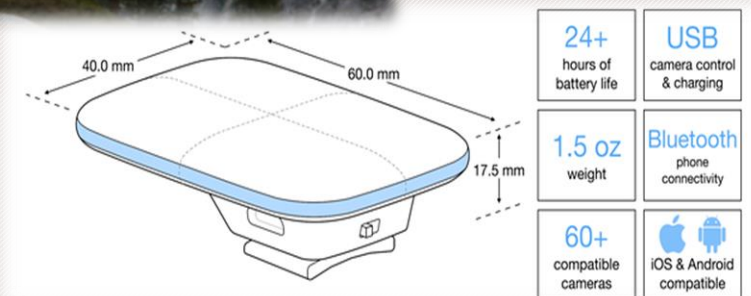- **Website:** www.dublindesignstudio.com

- **Module:** ISP130301

✓ Digital stylus that captures the pressure level of the user on the its grip

✓ allows anyone to capture the finesse and expression of the pencil, pen or brush

Insight SiP — It's all in the package

ALPINE LABS

- **Product:** **Pulse**

- **Company:** **Alpine Laboratories, USA**

- **Website:** **www. alpinelaboratories.com**

- **Module:** **ISP130301**

✓ Pulse gives to its users powerful control over their camera - wirelessly from their smartphone

✓ It plugs straight into the DSLR or Mirrorless camera's USB port, so whether user is shooting photos, time lapse, or video, he gets complete creative freedom in real time

Pulse — Only on Kickstarter

40.0 mm   60.0 mm   17.5 mm

24+ hours of battery life	USB camera control & charging
1.5 oz weight	Bluetooth phone connectivity
60+ compatible cameras	iOS & Android compatible

THANK YOU !