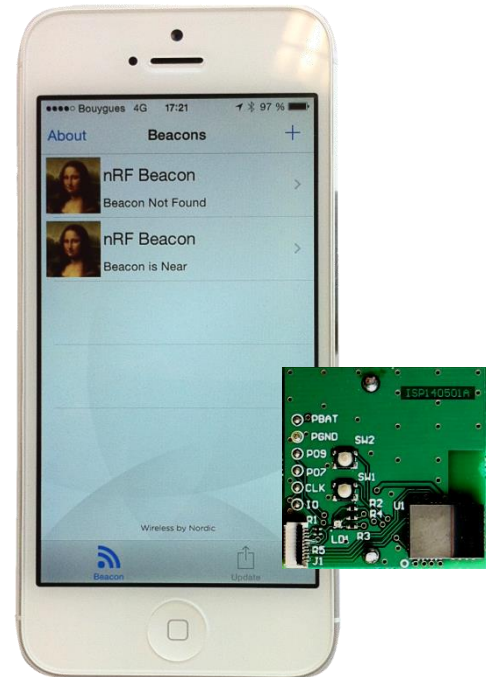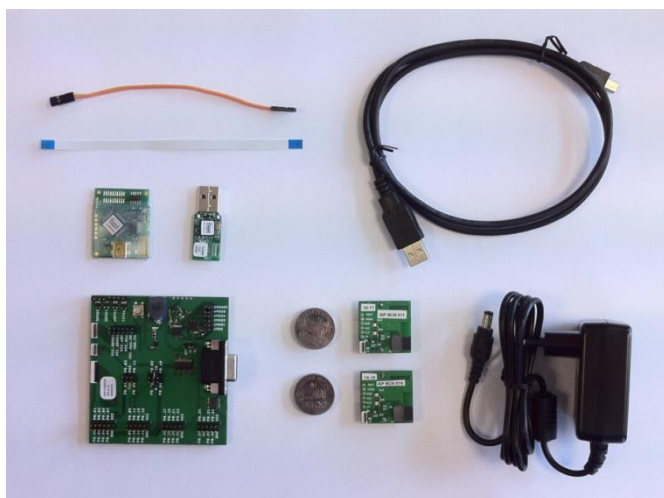# ISP140501-DK1
Bluetooth Low Energy
Wireless Beacon
Development Kit

General Description

In order to assist clients in developing their Bluetooth Smart Beacon based on the ISP140501, Insight SiP offers a Sensor Development Kit. This consists of the following Sensor Board, containing:

+ One Interface Board
+ J-Link Lite CortexM-9 JTAG/SWD Emulator
+ 2 ISP140501 BLE beacon samples
+ A Development Dongle
+ Cables, power supply and coin battery holder
+ Smartphone is NOT included

Using this development kit, product developers can use a working solution as starting point to develop their own products. Time to market is saved by avoiding starting from a blank sheet of paper. In addition, there may be some applications that use the hardware as is.

Applications

Possible applications include:

+ Location sensitive information
+ Marketing or retail applications
+ Beacon technologies in Healthcare
+ Beacon technologies in Education

The miniature size of the Insight solution means it could be comfortably worn, or is able to fit into a small space.

Please refer to the application note AN140801 for more information on kit implementation.

Specific Skills

If a product developer lacks skills in any of the crucial areas to develop a working solution, then Insight SiP can offer custom design services to cover all of the following areas

+ Custom hardware development
+ Addition/replacement of different sensors
+ Software development
  Custom SIP development

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