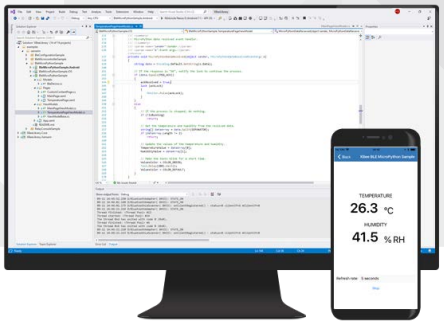
CODE MOBILE APPS
WITH DIGI XBEE
VIA BLUETOOTH



DIGI XBEE MOBILE SDK

Create mobile applications that connect with Digi XBee modules via Bluetooth

Digi XBee® Mobile SDK is a set of libraries, code examples and documentation designed to simplify the creation of iOS and Android mobile apps that interact with Digi XBee 3 modules via Bluetooth.

Bluetooth enables local connectivity to Digi XBee modules via a mobile device to streamline network deployment, configuration and troubleshooting.

BLE can also be used as a communication channel to create a Human Machine Interface (HMI) in a smartphone or tablet to monitor and control a device that does not have a display.

Digi XBee Mobile SDK helps speed up the development of mobile applications that interact with Digi XBee devices over the Bluetooth Low Energy interface.

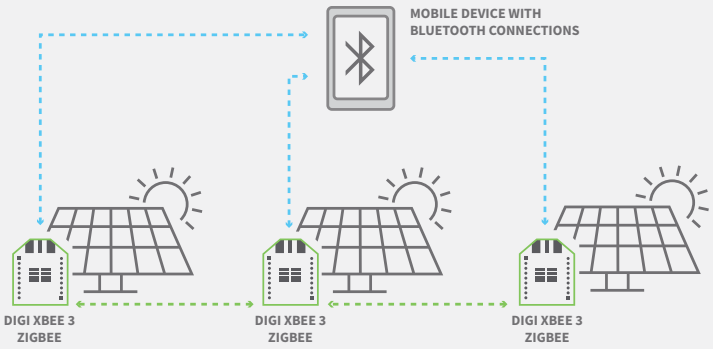
Digi XBee Mobile SDK includes:

- Well-documented APIs to handle the complexity of the Bluetooth authentication, encryption and communication processes
- Two libraries to simplify mobile app development:
  - A Digi XBee library for Xamarin, to develop native cross-platform (iOS and Android) mobile applications using C#
  - A Digi XBee library for Android, to develop native Android applications using Java
- Comprehensive documentation
- Example applications for both libraries

Access to the software libraries, examples and documentation can be found on the Digi support site.

CUSTOM BLUETOOTH APP EXAMPLES

- Configure Digi XBee firmware settings during deployment
- Exchange data between a mobile application and a MicroPython application running on Digi XBee 3
- Exchange data between a mobile application and the host micro-controller



DIGI XBEE 3 ZIGBEE NETWORK IN SOLAR FIELD

For more information about Digi XBee Tools,
visit www.digi.com/xbeetools

877-912-3444 | 952-912-3444

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