



CONNECTED DEVELOPMENT

A MULTITECH COMPANY



YOUR ALLIES IN WIRELESS DESIGN

WHAT'S YOUR IDEA?

MAKE IT A REALITY WITH CONNECTED DEVELOPMENT.

There is no shortage of great ideas in the market to connect things that improve consumer experience, improve operational and business processes, or generate new sources of revenue. One of the biggest challenges is getting from a great idea to a commercial product or service offering.

Connected Development offers a comprehensive suite of services including consulting, embedded hardware and software design; custom RF and antenna design; certification, and cloud integration. To ensure your project's success, we follow proven methodologies for product development and system integration, leveraging reference designs where applicable.



PROCESS COUNTS

Following a structured framework and methodology to deliver consistent results is key to any project undertaking. Connected Development has adopted a consultative project-based approach that is proven to reduce risk and increase predictability of schedules and investments along the way.

1 SYSTEM DESIGN & ENGINEERING

Number one is not just the first, but also the most critical phase. A close examination of use cases; careful definition of requirements and feasibility; cost modeling and bill of materials, and well-thought out system architecture all contribute to the success of future stages. By collaborating with the experts at Connected Development during this phase, customers can avoid surprises down the road by developing a blueprint that clearly answers the "What, how and when?"

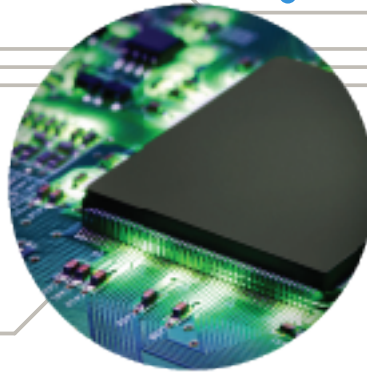




DESIGN & DEVELOPMENT

2

Now that you've defined the project with care, it's time to roll up our sleeves for some heavy lifting. During this phase hardware is designed and laid out; software is developed and implemented; PCB board spins are done, and integration with back end cloud services and applications is completed. This phase often includes interim test and refinement cycles to ensure overall quality, manufacturability and preparedness to pass phase three with flying colors.



TEST & CERTIFICATION

3

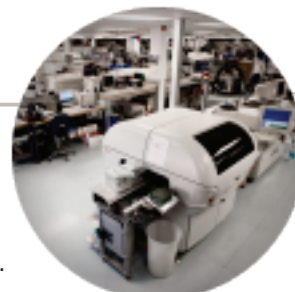
Designing with the objective to certify to specific performance standards is a philosophy that is embraced throughout the project. Testing in general happens early and often. Depending on what is agreed upon in the System Design phase, the testing can range from hardware, software and use case tests all the way through system and environmental tests. When it comes time to enter into certification, the device should go through a thorough RF pre-test campaign so you can be assured that you will pass the first time, as certification re-tries can be expensive and time consuming.



HAND OFF

4

If you can't build it, your customers can't buy it. That's why Connected Development remains engaged to facilitate the hand off to manufacturing and production.

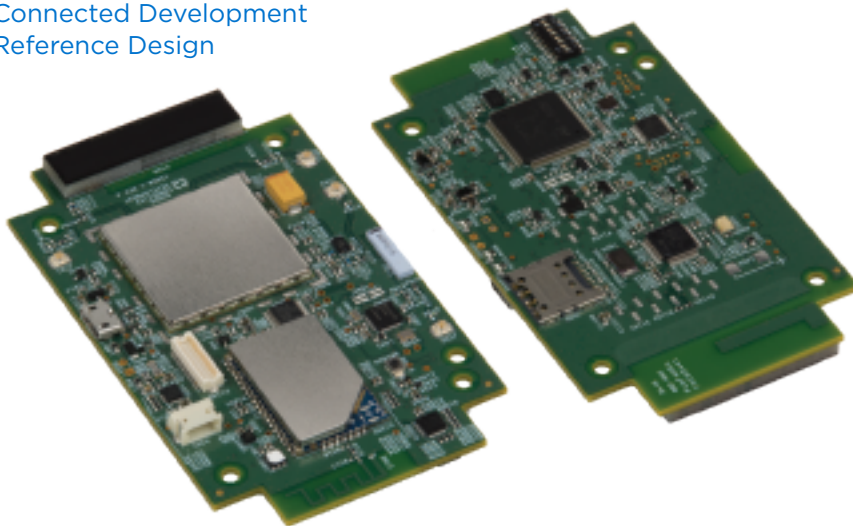


WHY START FROM SCRATCH?

CONNECTED DEVELOPMENT REFERENCE DESIGNS GIVE YOU A HEAD START ON THE COMPETITION.

We've built connected devices for countless innovators over the years and have found that many such designs share a subset of requirements. That's why we've developed a suite of reference platforms to get you started — reducing risk, time to market and cost. Connected Development reference designs are fully functional hardware platforms featuring a choice of integrated connectivity options as well as a common set of sensors. All antennas are board-mounted and optimized to make installation and deployment simple. They also support expansion to quickly add additional functionality to suit your needs, and an integrated processor capable of hosting your application right on the device.

Sample
Connected Development
Reference Design



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ENGAGE CONNECTED DEVELOPMENT