



CONNECTED  
PRODUCT  
DEVELOPMENT

# WITH RESULTS

NXP silicon enables connected products in the medical and consumer industries and DornerWorks is helping innovators integrate these powerful solutions and grow their business.



## SMARTER PRODUCT DEVELOPMENT WITH NXP SILICON



You shouldn't have to be an expert in everything to innovate.

Build confidence into your product development, design smarter solutions, and reach new markets with engineering guidance from DornerWorks.



DornerWorks is an  
NXP Gold Partner



### CONNECT

Discuss your product needs and goals with us.



### EXPLORE

We will give you a quote and map out what's possible.



### DESIGN & ENGINEERING

We will develop your solution together.



### BUILD

Drive toward launch with a functional prototype.



### LAUNCH & SCALE

Whatever it takes to help you build a stronger business.



**MEDICAL DEVELOPMENT  
EXPERIENCE**

**ISO13485:2016 Certified Development**

We execute to: IEC62304 Software development processes and IEC60601 Medical Device Safety requirements.

[DornerWorks.com](http://DornerWorks.com)

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The members of your team are



# CONSISTENTLY HIGHLY REGARDED

That is why we do not hesitate to send difficult technical tasks to your team. I am not sure what you guys are doing to attract the top talent, but we sure like the results.



## PATIENT CARE MUSCLE STIMULATOR

A medical device development company wanted to improve the quality of care hospitals provide their long-term patients. DornerWorks engineers guided the customer to a solution using two NXP processors.

- An NXP RT1052 microprocessor was used to control a TFT display and run the user interface
- An NXP RT1020 processor ran the safety-critical software that enabled muscle stimulation by way of electrodes attached to the patient.



## MEDICAL FACILITY METAL DETECTION

A medical product development company wanted to build a system that used metal detection technology to improve efficiency and reduce waste in healthcare facilities.

DornerWorks engineers guided the customer to a solution using the NXP RT1020 microprocessor to convert analog data to digital, perform metal detection algorithms, and detect variants in a magnetic field.

The processing speed provided by the NXP chip was an important feature in enabling this design concept.



## CONSUMER TOUCHSCREEN UI

A manufacturer of a popular line of outdoor IoT-enabled consumer products wanted to improve the user experience of their devices by adding a new touchscreen interface.

DornerWorks helped the customer achieve their goal with an NXP RT1052-based design. The RT1052 processor has proven an effective solution for automotive consoles, and delivers the same power and flexibility to consumer products that require a feature rich user experience.

FULL IOT  
UX EXPERTISE



Hardware →



Mobile App →



Cloud Applications

# CONFIDENCE FOR IOT DEVELOPMENT



DornerWorks can help your customers design exciting and innovative solutions with NXP technology.

**SCHEDULE A MEETING**

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