



spark  
c:nnected

**The Official Infineon Partner for Wireless Power**

A Trusted Partner in delivering complete end-to-end system solutions

## System Hardware Designs

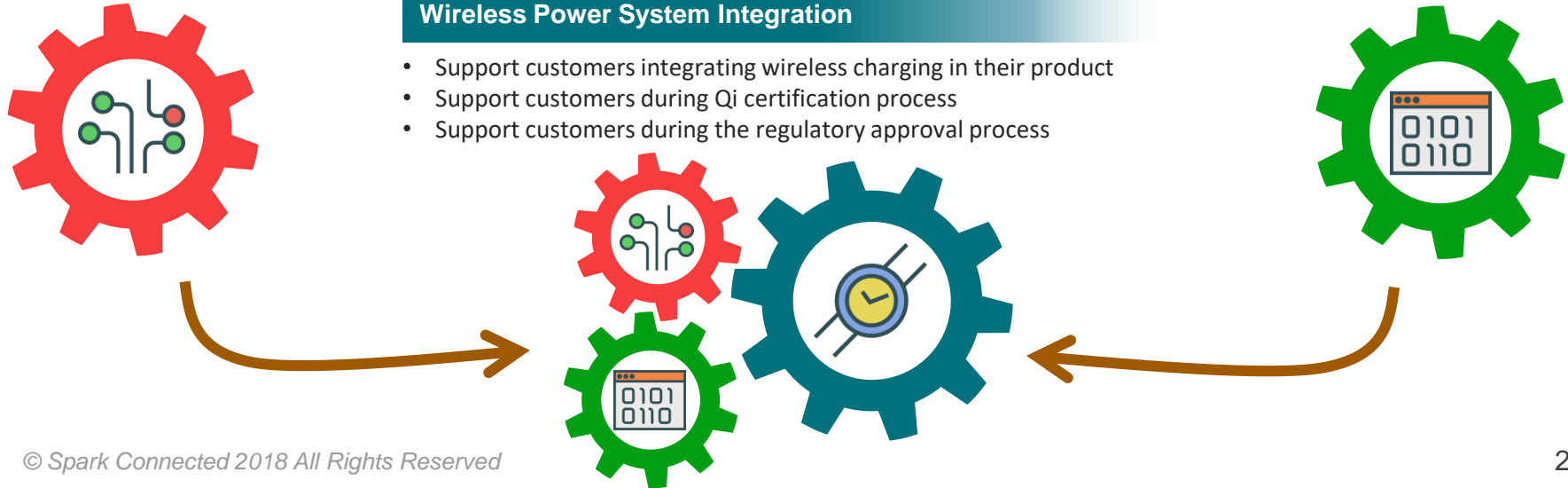
- Customer UX requirements
- Coil magnetic flux modeling & simulations
- Coil and Antenna designs
- System level modeling & simulations
- Hardware architecture and schematic design
- PCB layout

## Application Software Designs

- System requirements
- API, Algorithm & Artificial Intelligence
- Thermal and emissions modeling
- Validation & test using prototype hardware
- Data Architecture & Code Release
- Maintenance & configuration control

## Wireless Power System Integration

- Support customers integrating wireless charging in their product
- Support customers during Qi certification process
- Support customers during the regulatory approval process



### **Cost:** Free of charge

At this light-touch support level, in addition to the standard available documentation we may provide basic guidance on the following topics:

- Architecture consulting
- Coil / Antenna selection
- Hardware selection
- System simulation using the application target parameters
- Software configuration
- Integration guidance



### **Cost:** Contact Spark for a commercial proposal

At this support level we provide a Spark product/solution (Transmitter and/or Receiver) that is tailored to the customer specific need and includes the following:

- System architecture design
- Custom coil / antenna design
- Custom hardware architecture and design
- Custom system simulation for the application
- Custom software development
- Customer PCB design review
- Integration support
- Certification and/or regulatory support



### **Cost:** Contact Spark for a commercial proposal

- Phase 1 prototype development
  - Integration of wireless charging subsystem into existing customer end-product
  - Custom demo system for technology evaluation decision
- Phase 2 full-featured product development
- System validation and characterization (including documentation)
- WPC Qi pre-testing and certification
- EMI / FCC / CE pre-testing and certification support
- Manufacturing test plan and support



**Envision your next product without wires...**

Talk to us.

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