



How Wireless Power Will Transform the Industrial & IoT Markets

14
STATISTICS,
FACTS, &
PREDICTIONS

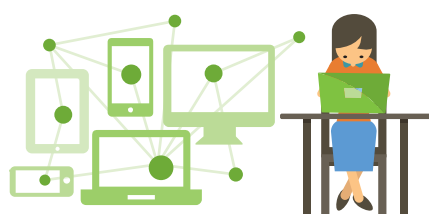
Wireless power is enabling a future of efficiency, innovation, safety, and dependability for the industrial and IoT markets. Here's a snapshot of the current wireless power environment.

Exponential GROWTH



8.4 BILLION

"things" will be in use in 2017¹



200 BILLION

connected devices predicted to be in use by 2020²



\$964 BILLION

in hardware spending driven by IoT growth in 2017³

BIG DATA Opportunity



60% of global manufacturers will use analytics data recorded from connected devices in 2017⁴



BIG DATA

will help realize device control, monitoring, and predictions that were formerly unachievable⁵

By 2022, WSNs expected to reach approximately

\$1.2 BILLION

Stay Competitive and RELEVANT

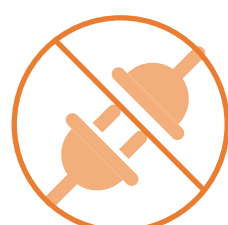
\$4.8 TRILLION

will be invested in IoT 2016-2021⁶



10-15 YEARS

Predicted time to render power cords and charging cases obsolete



Keeping devices CHARGED is KEY

for the entire ecosystem, from suppliers to manufacturers⁷



The Problem with BATTERIES

EXPENSIVE

Buying, charging, and disposing of batteries COSTS companies \$\$\$⁸



LIMITING

Battery SIZE and CAPACITY limits design and product life



HAZARDOUS

3 BILLION

batteries are thrown away each year⁹

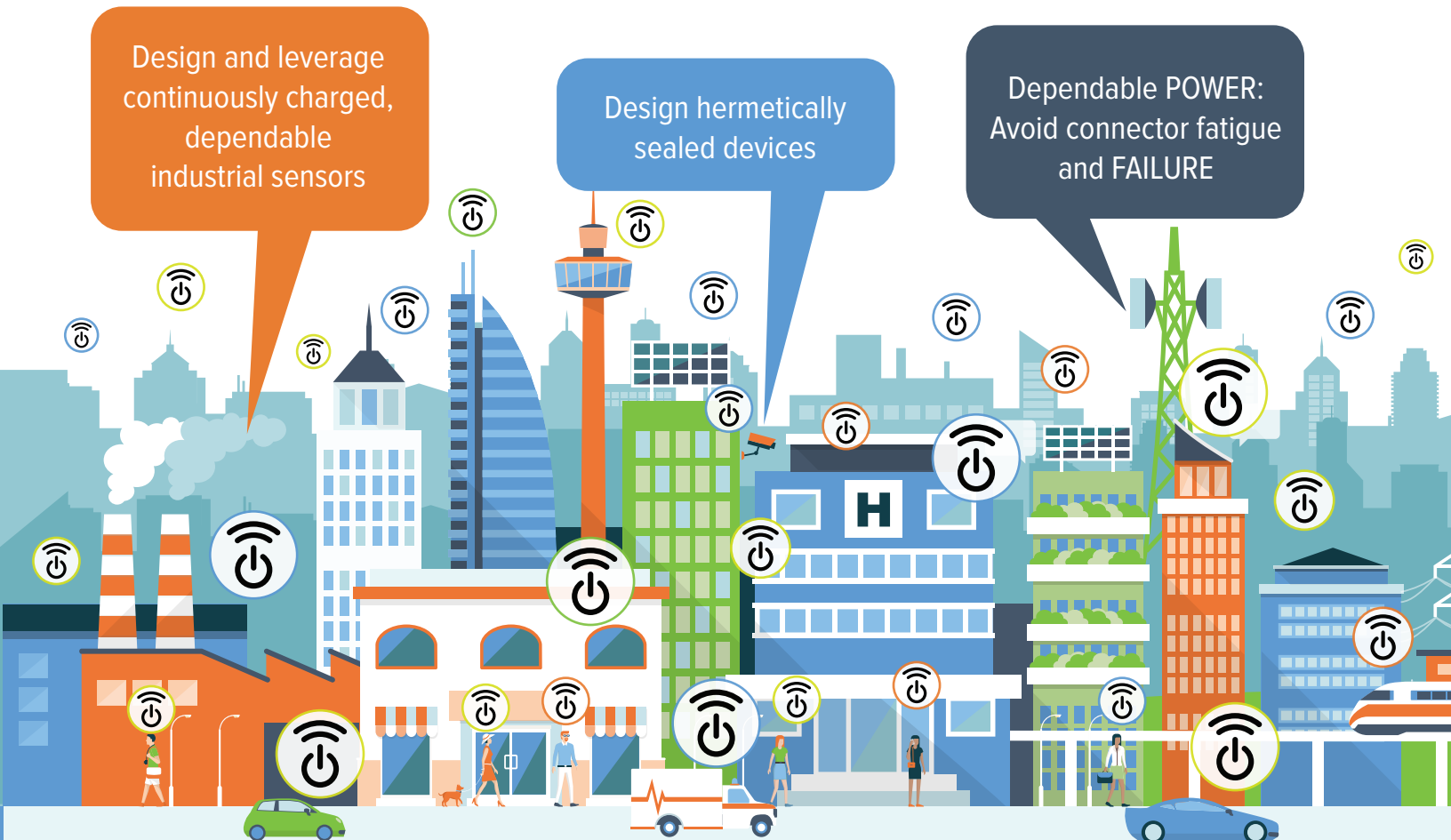


Improperly disposed batteries can CONTAMINATE ground water¹⁰

Design and leverage continuously charged, dependable industrial sensors

Design hermetically sealed devices

Dependable POWER: Avoid connector fatigue and FAILURE



OSSiQ
REAL WIRELESS POWER

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1- <http://www.gartner.com/newsroom/id/3598917>

2- <https://www.visioncritical.com/internet-of-things-stats/>

3- <http://www.gartner.com/newsroom/id/3598917>

4- http://digitalistmag.wpengine.netdna-cdn.com/files/2016/03/IDC_IoT_white_paper_Mar2016.pdf

5- <http://core.spansion.com/article/energy-harvesting-devices-replace-batteries-in-iiot-sensors/#.WZXeK4qQxTY>

6- <http://www.businessinsider.com/the-internet-of-things-2017-report-2017-1>

7- <https://techcrunch.com/2015/07/07/wireless-power-and-battery-life-anxiety/>

8- <http://core.spansion.com/article/energy-harvesting-devices-replace-batteries-in-iiot-sensors/#.WZXeK4qQxTY>

9- <http://www.greenit.net/downloads/GreenIT-EnvIssues-Batteries.pdf>

10- www.calrecycle.ca.gov/publications/Documents/HHW/61200002.doc