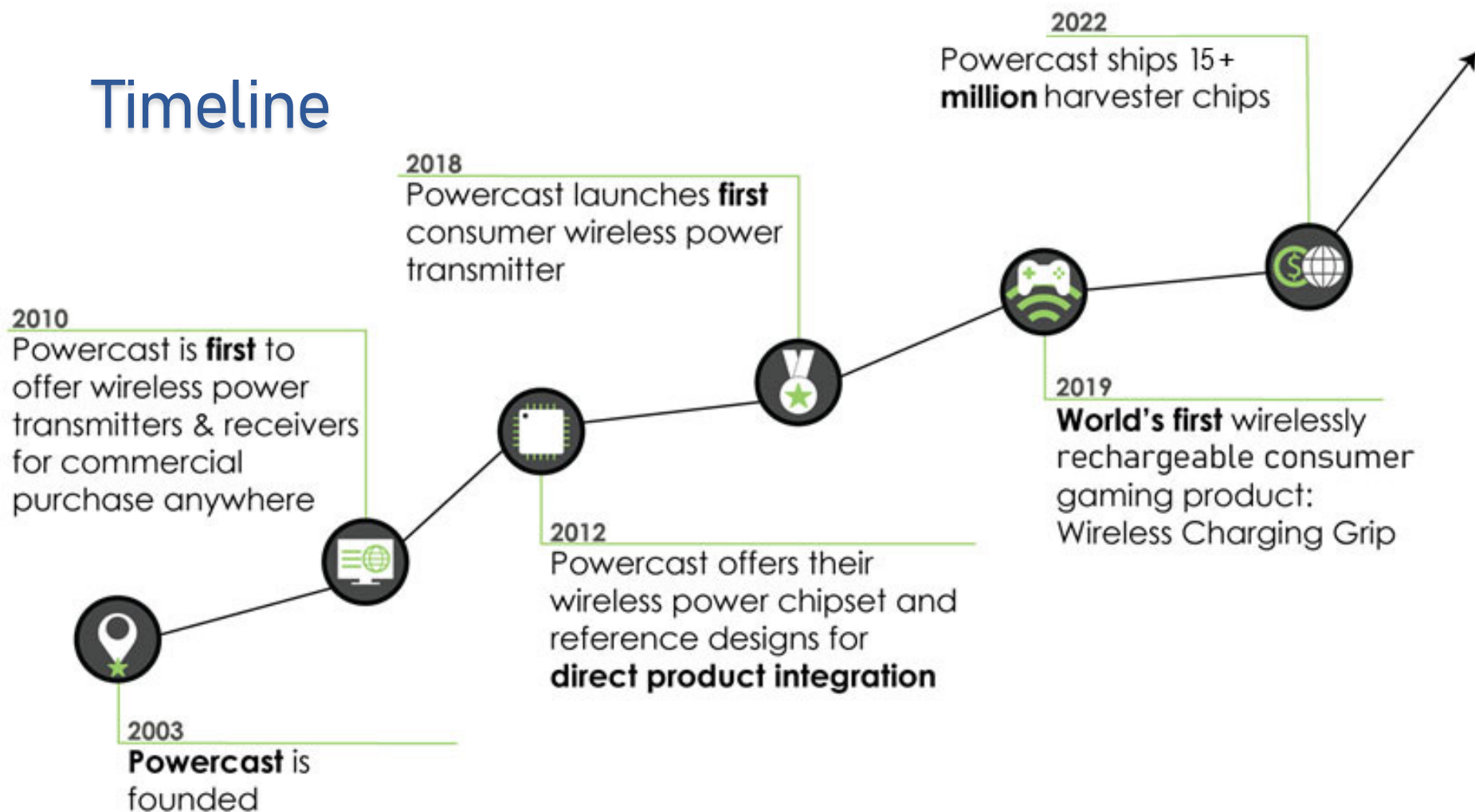


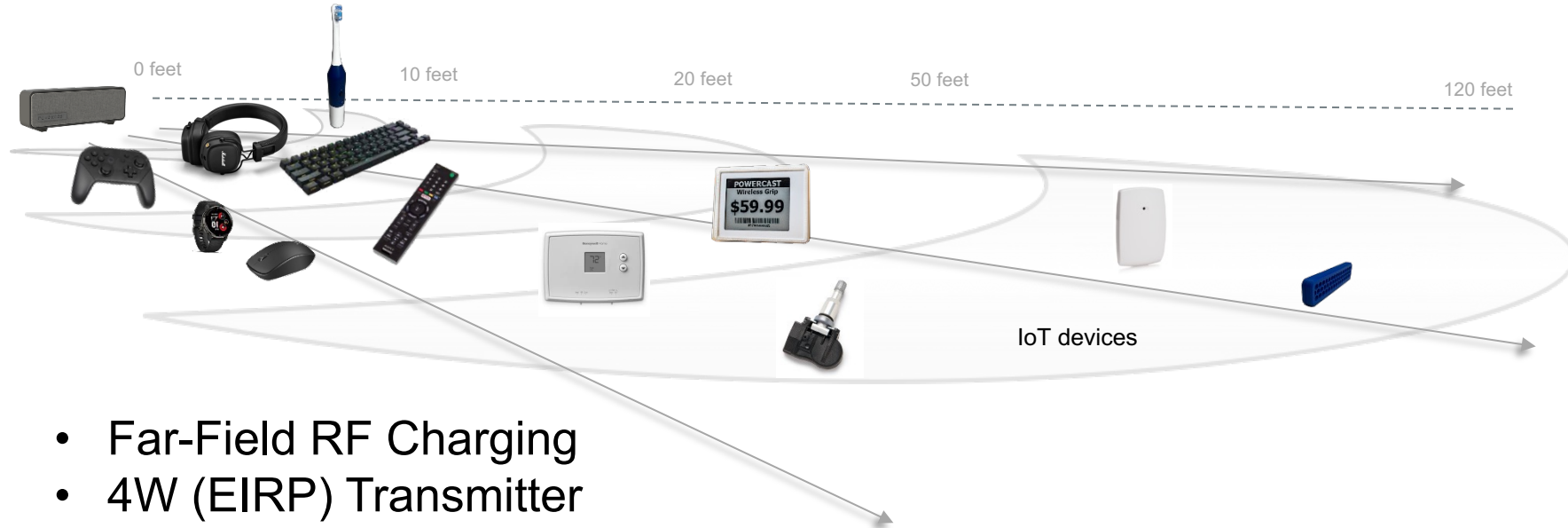


Eric Biel - Director of Strategic Partnerships

Timeline



RF Wireless Power



- Far-Field RF Charging
- 4W (EIRP) Transmitter
- Charge Multiple Devices at once
- Receiver up to 75% Efficient
- 100's mW close to single digit uW at up to 120 feet

Technology

RF Power



Energy harvested from radio waves in the air



Long range



μ W-mW received power
(typical, can be more)



Not alignment sensitive



One to many charging

Benefits of RF Power

- Sustainability: Keep millions of batteries from going into landfills.
- Convenience: RF power eliminates the need for cords and cables, allowing for greater freedom of device placement.
- Maintenance: RF power replaces, or recharges batteries so limited maintenance is required.

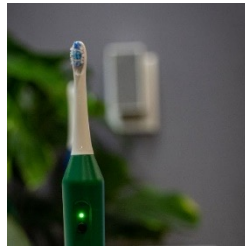
RF to DC Converter Chip



- Converts radio frequency (RF) energy to direct current (DC) power
- Can harvest power from large range of sources
- Operates from 10MHz to 6GHz
- Up to 75% RF-to-DC conversion efficiency

Award Winning Ubiquity Transmitter Reference Design

- Ultra-Low-Cost RFID Transmitter (Non-EPC Gen 2)
- \$5 BOM cost for transmitting components
- Easy implementation for OEM manufacturing
- Affordable to include with products
- Interest from consumer electronics and transportation industries



Business model supports all opportunities

NRE – to – Product Model

1. **Design & Supply.** Sub-assemblies & finished product
2. **Chip Sales.** Direct & through distribution
3. **Licensing.** Application dependent

