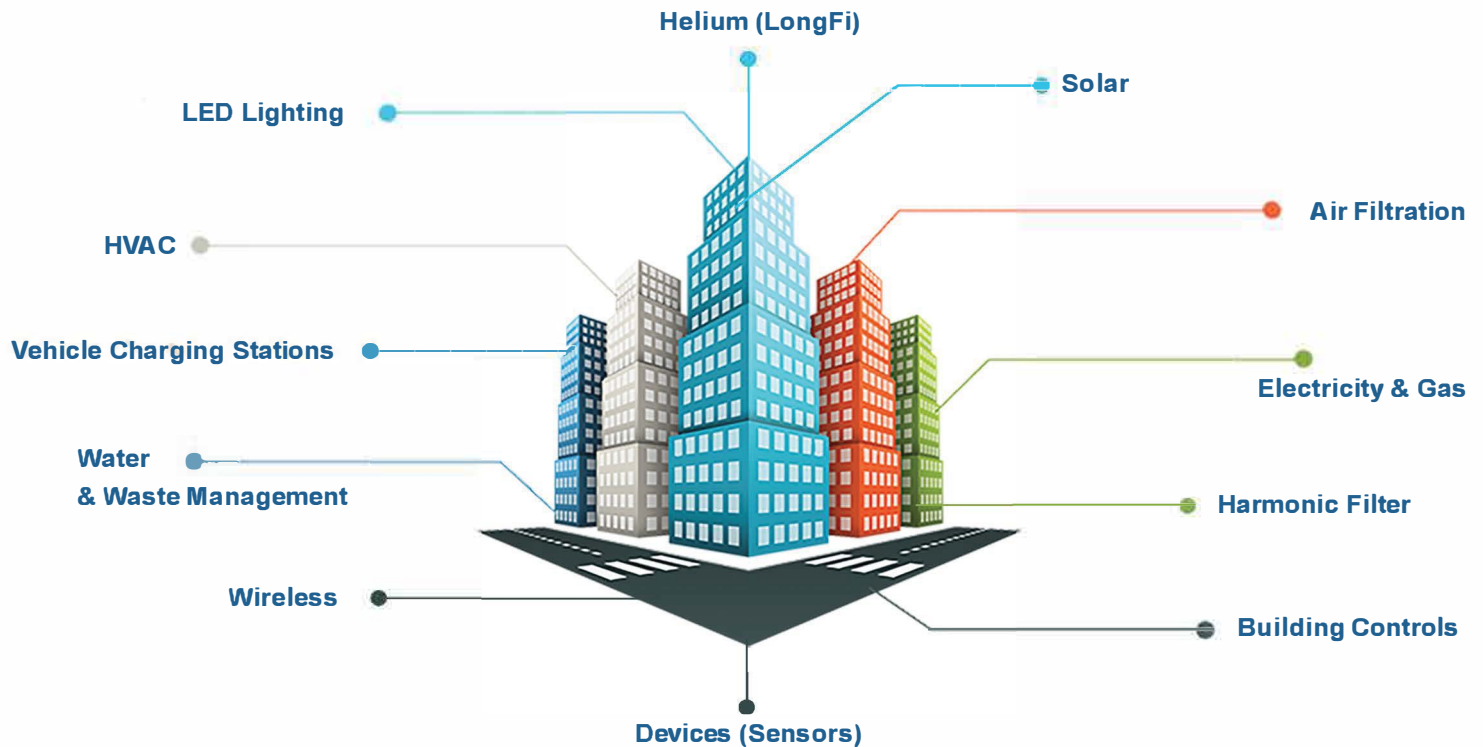


AIoT Product Ecosystem eloT case Study



Sustainability is NOW profitable with increased NOI (Net Operating Income) & ESG!

Case Study - Major AgTech Company:

“We tapped Abundant IoT to become more efficient on our campus. The Abundant IoT Team identified the issues and provided the best solutions for our facilities.

- The team added **sensors** in the facility to identify **leakage** when it happens not months later as well as **valves** that reduce water use by over 35%. We also added **soil sensors** that have helped efficiency as we now know when to treat land as opposed to having to test soil.
- Next was the addition of **LED Lighting** in our facilities and in our parking structures as well as **EV charging stations**. This resulted in over 30% reduction of electricity use. Dramatic increase of morale from our employees that are ev users as well as increase in customer visits. We even added a parking sensor to the spaces in the lot so we know the capacity of each floor now.
- A **microgrid** was added (Enphase battery backup connected to solar system) and we no longer have an electricity bill due and we will never be without power again. This alone has already saved us over \$500,000 and given us business continuity since implementation in 2021.
- Our new **wireless mesh** system enables complete automation, security and signal throughout our property which has solved major communication issues. As a result, sales have increased over 15% since the quarter after the mesh was implemented.
- We recently added **Helium** hotspots to eliminate the need for expensive and power hungry access points and other legacy wireless infrastructure. **IoT devices work great on LongFi** (LoraWan) at a fraction of the cost so we also added it into new construction as well.” ~ Mariah Milcowitz