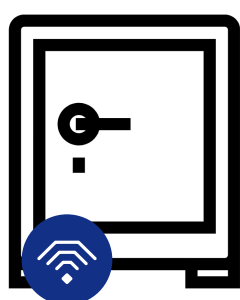# HOW MYCUBE BUILT A SECURE IoT PRODUCT IN 6 MONTHS WITH PARTICLE

Particle

Executive summary

By harnessing the Particle IoT platform, Mycube has created a new product line of internet-connected safes that help keep customers' valuables secure and safe. With this new connected safe, customers can unlock their safes entirely from their mobile phone and can receive proactive alerts if someone has interacted with their safe while they are away.

↑**10%**
Security
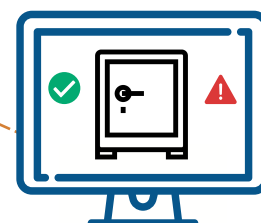Mycube improved the security of their safes with proactive alerts.

↑**5%**
Sales price
MyCube increased sales price by 5% due to new IoT functionality.

↑**10%**
Feature deployment
MyCube can add new features and fix bugs quickly with Particle.

Locked **Usage** **Power** **Mechanics**

"The Particle Studios team was perfect for our business. With them by our side, we launched our IoT product in less than 6 months."

Scott Annan
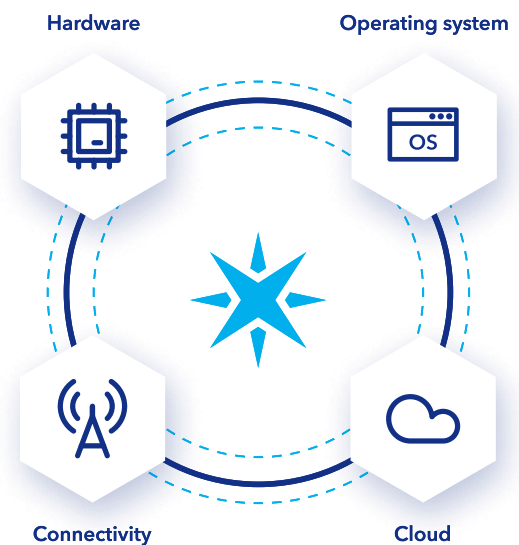Chief Executive Officer at Mycube

The challenge

Mycube's main goal was to expand their product line while improving the security of their safes. While MyCube was interested in reaping the benefits of IoT technology, they lacked the domain expertise required to build a connected solution.

Particle provides the path to scale

Mycube partnered with Particle for two main reasons. The first reason – Mycube didn't have to worry about building their own IoT infrastructure with the Particle edge-to-cloud IoT platform, decreasing their time-to-market and reducing costs along the way.

The second reason – With Particle Studios, Mycube had all the engineering fidelity they needed to deploy an IoT product. Particle's team of engineers helped Mycube tackle the most challenging parts of building an IoT

Hardware   Operating system

Connectivity   Cloud

product from hardware, to software development, to manufacturing. With Particle taking care of the complex IoT infrastucture and providing domain experts along the way, Mycube was able to launch their IoT product in less than a year.

The solution – iCube

With the Particle team, Mycube created a smart safe that can be managed from the Mycube mobile app.

Customers can lock and unlock the iCube anywhere in the world, catalog their inventory, share access with their family, or review their activity and receive proactive notification if someone tampers with their safe.
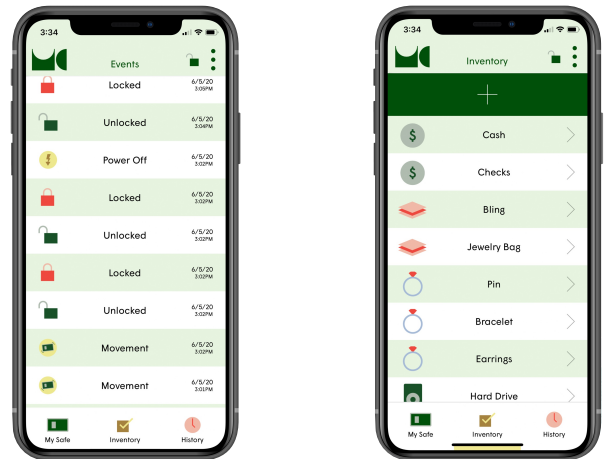

Mycube device
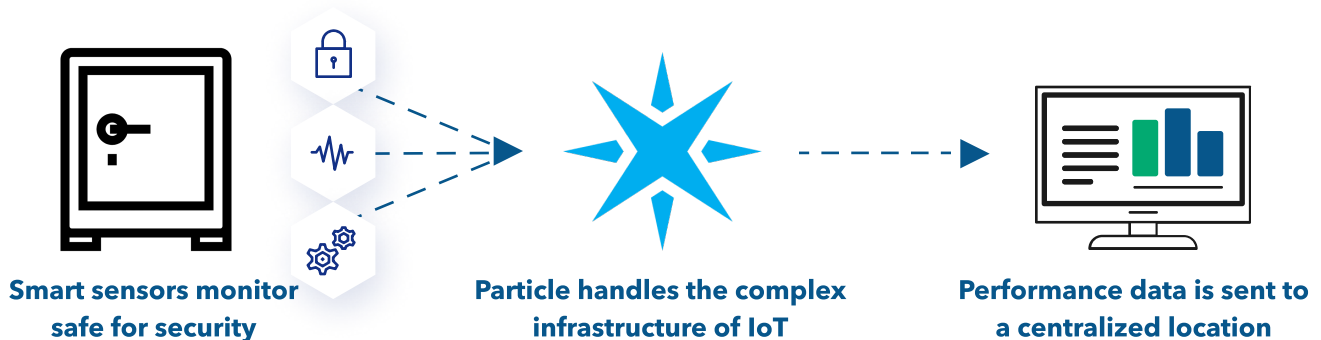
The solution – iCube

Customers can gain access to detailed information about their products through the MyCube mobile app. MyCube's app enables customers to monitor safe activity with audit trail logs.

This safe is ideal for hotels, where users may feel more safe to leave valuables if they can unlock it via their phone.

Particle simplifies operations for Mycube

For Particle and Mycube, this IoT project has proven immensely successful. The building process was simplified by Particle's handling of the complex IoT infrastructure, which enabled Mycube to focus on providing a great product and service.

Smart sensors monitor safe for security

Particle handles the complex infrastructure of IoT

Performance data is sent to a centralized location

Particle has helped many companies like Jacuzzi, Watsco, and Opti to build smart devices that increase visibility and improve compliance. As a trusted partner, Particle can help you manage your smart solutions to significantly improve your service and customer experiences.

Contact Particle

If you are looking to build profitable IoT solutions, consult our team of experts at **Particle.io/sales.**

Particle Store

Start your IoT journey by checking out our industrial hardware on the **Particle Store.**