

Case Study

Qumulex

Access Control for Multi-tenant Lab

The Scenario

In February 2017, the city of Fishers, already an emerging tech-hub, announced the development of one of the nation's first **multi-tenant** Internet of Things lab to bring together various players in the growing IoT sector.

Fishers Mayor Scott Fadness and entrepreneur John Wechsler, founder of [Launch Fishers](#), had a vision for the 24,562-square-foot multi-tenant co-working lab: to allow entrepreneurs to work on embedded technology for products benefiting Indiana's core industries of agriculture, manufacturing, and logistics.

Since opening, the IoT lab has 107 individuals in their coworking spaces and 17 companies that operate out of the building, totaling over 160 people that need their spaces secured and access to their dedicated territories in the space. It creates a complex solution for security providers, as the lab must grant specific areas of the building to their tenants and maintain a customizable system for the ever-changing tenants.



The Need

The existing access control system installed at the IoT Lab was no longer supported and eliminated the ability for the staff to add new users or make important changes to the system. This required the IoT lab to replace the existing system and highlighted the need for finding a solution that would grow with them. The value they saw in Qumulex was:

1. **Cloud-based system** - that is always available on the latest devices and browsers
2. **Scalable, unified access control and video** - making long term planning and adding-on easier
3. **24/7 administrative capabilities from anywhere** - needed to satisfy the needs of a diverse amount of tenants from anywhere



The Solution

We partnered with local security installer DLP Systems and gave the IoT lab an all-new cloud-based access control system that met their scalability needs and allowed them to monitor their tenants remotely from anywhere, and from any device. Since Qumulex is an open platform, we are able to mix and match best-of-breed hardware with our software, to give the customer exactly what they were looking for.

And to kick off our service, our customer support specialists came on-site and gave a training demo for the IoT Lab team.

Equipment List

- 1 - Qx Gateway (QxS800-18)
- 2 - Ubuquiti Edgeswitch (Es-8-150w)
- 9 - Axis Door Controllers (A1001)
- 18 - QXD0 Cloud Licenses

Meet the Integrator



Duwuan Powell: 317-903-1835

"The Qumulex system was a breeze to install, and their team was very knowledgeable and helpful through the process"

The Results



Jason Pennington

Executive Director @ IoT Lab

I have to say I'm blown away. In less than 2 hours of training, we're on our own making changes to more than 100 users, our suites, our manufacturing and lab rooms with unique credentials, and all of our physical entries in a 25,000 ft² facility. Logging in from the phone over the weekend was a treat vs having to be onsite with our legacy system. Qumulex - thank you.