

AMB Vapor Monitoring Leverages Arduino Cloud for Faster, More Connected Reporting

Building Operations

Opta + Cloud

Condition Monitoring

In Production

>\$305k

SAVINGS ON LICENSING
AND CLOUD COSTS

1 Year

ACCELERATED
TIME TO MARKET

\$250k

SAVINGS ON CLOUD
DEVELOPMENT COSTS

The Challenge

When a building is constructed over contaminated soil or groundwater, it is of utmost importance that the contamination is diverted away from the building. Traditionally, sub-slab depressurization systems require constant manual data collection and monitoring, which can be costly and time-intensive. AMB Vapor Monitoring developed a cloud-based monitoring system that collects sensor data from multiple locations and provides real-time alerts to building operators in case of a detected health risk or system failure.

Our Solution

With the Opta's IIoT capabilities and Arduino Cloud's ease-of-use, AMB Vapor Monitoring developed their solution without prior cloud development experience, twelve months faster and for \$250,000 less than if they outsourced development to a specialized firm.

This solution brings AMB Vapor Monitoring to the cutting edge of building automation. With a rapid time to market and significant cost savings, AMB continues to grow while reporting and maintaining critical systems for human health and safety.

"Once we discovered the Opta, our whole world changed. We went from, 'I don't know if we can truly do this,' to 'I think we can do this in a much quicker timeframe'."

**Mark Bishop, AMB Vapor
Monitoring Co-Founder**

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