SOFTWARE + HARDWARE + DEVOPS = IOT SUPERPOWERS

How can IoT accelerate my business?

The connected device economy has arrived. **Put yourself** at the forefront of this wireless frontier with a **cloud-connected product** that performs beautifully from the get-go. We'll collaborate closely with you to quickly determine the technical and business requirements of your project, **architect a solution** that taps the power of Amazon's IoT platform and related tools, and **deploy a prototype** to show you what's possible. Avoid cost overruns, delays, and potential failure with our team of AWS IoT-certified experts.

Our Process

Strategy Sessions

Tap our deep expertise in building connected products before you ever commit one line of code. We'll work with your team to understand your business needs, head off technical hurdles, and uncover opportunities.

Custom-Built Framework

We'll configure the best combination of tools that integrate directly into the AWS IoT platform (Kinesis, RedShift & Lambda). Design, build, deploy, and update your infrastructure with minimal hands-on engineering.

End-to-End Testing

To ensure the viability of our proposed IoT solution, we'll run the application through real-world, real-work conditions. We take care of device, network, cloud, user interface, and enterprise integration.

Security & Monitoring

We build end-to-end protection of devices and the data they handle, so your application is highly secure and scalable. We'll also create a monitoring plan to maintain the reliability and performance of your AWS solution, while safeguarding against a catastrophic, multi-point failure.

Compliance Guarantee

The IoT environment presents unique compliance challenges. We'll make sure your application delivers on reliability, performance, and security while meeting strict regulations in highly regulated markets, including health care and financial services.

The Offering

Onica's program includes two on-site workshops, architecture and user experience design, the development of a functional prototype (hardware and software), and support of the prototype for 90 days. In short, our program takes a customer from "interested in IoT," to a concept, and then to a working Proof of Concept – all in 8 weeks!

Program Breakdown

PART 1 One-site workshop (1 day)

- ✓ Overview of AWS + IoT
- ✓ Hands-on lab
- ✓ Identify tech & define a POC

PART 2 Design (1 week)

- ✓ Infrastructure & architecture
- ✓ User Experience

PART 3 Build a POC (4 - 8 weeks)

- ✓ Hardware & software engineering
- ✓ Production of prototype units (5-10)

aws partner network

Premier
Consulting Partner

- IoT Competency
- DevOps Competency
- Big Data Competency
- Healthcare Competency
- Migration Competency
- Microsoft Workloads Competency
- Storage Competency
- MSP Partner
- Public Sector Partner
- Marketplace Partner
- AWS Channel Reseller
- AWS Government Reseller

Success Story - Frac-Chem (Koch Industries)

The customer ask: track the performance of fracking hydration units in remote field locations using a cloud-connected IoT sensor and app.

What we did:

We developed prototype hardware and implemented a connectivity suite that included WiFi, LTE, GSM-3G, and Satellite technologies in one unit. We then developed the device software stack to collect and transmit data to the AWS IoT device broker. We leveraged cloud-side infrastructure and applications to parse and store data appropriately and developed a web-based application to display a real-time operations dashboard. Finally, we integrated the hardware solution on-site at the customer's location.

Outcome:

In 8 weeks, the customer has gained full transparency into deployed hydration units, maximizing the utilization of these units and the associated chemical compounds. This has enhanced FRAC-CHEM's "managed service" positioning, providing data-driven services to clients, optimizing operations while managing cost.

Next steps include building more fully featured analytics capabilities and dashboards, including an end-customer facing dashboard.

ONICA

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