

Accelerating adoption of the Internet of Things

The number of connected devices is expected to grow from 8 billion to over 20 billion by 2020. This growth will affect all businesses, regardless of industry or vertical.

One thing is for sure, the Internet of Things is here to stay.

Blue Spurs offers a number of programs to help clients with IoT adoption.

Learn IoT

for clients who are interested in getting started

Build IoT

for clients who are ready to prototype an IoT development project

Evolve IoT

for clients who are looking to expand or commercialize their existing IoT solution

LEARN IoT

Understand the **fundamentals of IoT** and build a solution on AWS

After conducting an IoT readiness questionnaire, Blue Spurs hosts the two-day session remotely or on-site.

On day one, which can accommodate up to 10 participants, we discuss:

- The fundamentals of IoT and Machine Learning
- AWS IoT services, including IoT Gateway, Rules Engine and Edge Computing (Greengrass)
- AWS Machine Learning Services including Rekognition, Lex, and Polly
- Industry-specific IoT case studies
- The most pressing issues or business challenges

On day two, using the knowledge gained on day one, up to four participants spend the day constructing a basic IoT solution. The solution can be used for a period of three months following the session for demonstration.

The benefits

- Understand IoT and the possibilities the technology brings
- Discuss and plan which areas of the business can be enhanced with IoT
- Walk away with a working IoT project to experiment with and share with others in the organization

Duration: Two days

Build a **working IoT prototype on AWS** to address a specific business challenge

We kick off the project with up to a **one-day scoping session** that helps identify the business problem and develop a clear vision of what the team will build, including identifying data sources, sensors, alerts and reports.

Using the discussed requirements as a guide, our IoT team develops a prototype that includes:

- Up to two data feeds based on real or simulated sensor device data that will be made available as virtual devices in AWS
- Support for changing the state of the virtual devices
- A responsive visual interface with two screens that can be used to interact with the virtual devices
- Up to one threshold alert (email / text) tied to a virtual device
- Basic analytics that includes one report

The prototype is built on AWS IoT using services like IoT Gateway, Polly, Rekognition, Lambda, API Gateway, CloudWatch, SNS, and QuickSight.

Once complete, Blue Spurs hosts a **demo and next steps meeting** with the client. Participants can use the prototype for a period of three months after delivery.

The benefits

- Walk away with an AWS reference architecture and a fully functional IoT prototype
- Develop a high-level roadmap for integrating IoT into your business

Duration: Two weeks

Enhance your **existing IoT solution and infrastructure** through AWS

We kick off EvolveIoT with a **discovery session** where our AWS architects understand your goals and objectives and where the IoT solution is today. Our experts then **conduct an audit** of the IoT solution, how it is built, and whether it supports the broader goals and objectives.

Based on the analysis, Blue Spurs delivers a report that includes:

- A detailed report card of the current state of your solution and a list of recommendations for improvement
- Insight into potential opportunities for leveraging AWS IoT services for your existing solution
- A roadmap for the recommended improvements along with actionable next steps to help get you started

The benefits

- Evaluate your approach against IoT security and architecture best practices
- Walk away with a roadmap for migration and / or improvement with defined steps for implementation

Duration: Five days

Get in
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