

# ThingLogix Foundry: IoT on AWS Made Easy

An IoT Platform-as-a-Service, optimized for the serverless environment



ThingLogix is an Amazon Web Services (AWS) Partner Network (APN) Advanced Technology Partner and AWS IoT competency holder.

## Industry Trends

The Internet of Things (IoT) is about intelligent connectivity. Connecting endpoint hardware, mobile devices, cloud-based data sources and services, and key enterprise systems enables functionality that by almost any definition is "intelligent". Together, this interconnected hardware and software operates in synchronicity to achieve purposeful, coordinated outcomes, with powerful implications for organizations of any type.

But the connectivity that powers IoT isn't limited to the "things" that can be readily seen. Connectivity must extend to the core infrastructure layer of the cloud, the layer where compute, network, and storage services are constantly operating to power everything further up the stack. Modern IoT solutions rely on the cloud for their functionality at all layers of the stack, reinforcing the trend of serverless computing and applications.

When developing a smart, connected solution, an organization must take a holistic IT approach. But with so many components, it can be difficult to know where to start. It can also be challenging to consistently deliver solution performance over time and "future-proof" that solution.

## Challenges

You know what functionality you need. You know that Amazon Web Services (AWS) can deliver it. How do you bridge the gap between your solution and the underlying AWS products and services to achieve the desired results?

Some common questions to consider:

- How do I assemble a market-facing solution that draws on the powerful capabilities of AWS infrastructure-layer products?
- What can I do to simplify my user experience while I am developing, testing, fielding, and managing my IoT solution?
- How can I integrate my other enterprise systems with the solution stack to enable front-end and back-end functionality?
- How do I manage the entire lifecycle of my IoT solution across a set of disparate AWS products, especially as they evolve over time?
- What should I do to incorporate new AWS products into my market-facing solution?
- How do I leverage the code that I write?

## Solution overview

Foundry makes it easy to create, access, incorporate and optimize your IoT solution.

Foundry, ThingLogix's proprietary IoT cloud platform, simplifies, accelerates, and optimizes the development, deployment, and operation of market-facing IoT solutions architected on AWS.

Foundry Packages, our component applications built on Foundry, are sets of composite IoT functionality, packaged to enable market-facing IoT solutions for specific industries and use cases, such as Fluid Metering and Leak Detection, or Voice Ordering. This technology enables sophisticated functionality, rapid time-to-market, simplified solution evolution over time, and cost efficiency.

# Solution Space

Discover scalable and secure solutions that will empower you to achieve your business needs with Amazon Web Services (AWS) and AWS Partner Network (APN) Partners that have attained AWS Competency designations. Customer ready solutions are based on architectures validated by AWS, include a combination of AWS services and APN Partner technologies, can be deployed quickly with solution accelerators like AWS Quick Starts, and feature optional consulting offerings provided by APN Partners, to accelerate your cloud transformation.

## Benefits



### Quick to set up

Create, deploy, manage, and evolve connected solutions, quickly and easily



### Access

Access and utilize essential functionality for any market-facing IoT solution



### Incorporate

Incorporate specialized IoT functionality for specific use cases



### Optimize

Optimize the serverless IT environment of AWS

## Key Solution Elements



### IoT Platform-as-a-Service (PaaS)

ThingLogix Foundry is a server-less IoT solution development and management platform, delivered using a PaaS model on AWS, that offers core functionality for managing the entire lifecycle of IoT solution development.



### Consulting services

ThingLogix offers optional consulting services that complement Foundry and help you accelerate the discovery of value through IoT solutions for your business.

## How it works

Foundry is an IoT solution development and management platform optimized for rapid time-to-market, ease-of-use, scalability and extensibility, and reliable, secure, sustainable operations over time. With its Platform-as-a-Service architecture and its tight integration with AWS infrastructure and services, it is a completely serverless, cloud-based solution. Organizations using Foundry experience the full benefits of the AWS cloud – virtually infinite scalability, simple and modular extensibility, high availability, high performance, security, and cost effectiveness – while also accessing a dynamic platform that is purpose-built for creating and managing IoT solutions.

## Getting started

[Get started with ThingLogix and AWS](#)

[View ThingLogix offering in Solution Space](#)

[View ThingLogix Foundry in AWS Marketplace](#)



About AWS: For 10 years, Amazon Web Services has been the world's most comprehensive and broadly adopted cloud platform. AWS offers over 100 services for compute, storage, databases, analytics, mobile, Internet of Things (IoT) and enterprise applications from 49 Availability Zones (AZs) across 18 geographic regions in the United States, Canada, Europe, Asia, Australia and South America. AWS services are trusted by more than a million active customers around the world – including the fastest growing startups, largest enterprises, and leading government agencies – to power their infrastructure, make them more agile, and lower costs. To learn more about AWS, visit <http://aws.amazon.com>.

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