



# SECURING IoT DEVICES FROM PROTOTYPE TO PRODUCTION AND BEYOND

**Foundries.io** is helping customers bring IoT/Edge devices to market faster, increasing their data security and substantially reducing the costs of developing, testing and deploying devices across their installed lifetime. We believe the latest software is the most secure.

**FoundriesFactory®** is a cloud subscription service offering a customized, open source firmware and Linux OS software platform, built to ensure that IoT and Edge devices are secure, updatable and maintained throughout their lifetime.

**FoundriesFactory** has been designed from day one for customization and security. It has a minimal attack surface, and is continuously updated with the latest security patches. FoundriesFactory tailors platform software to meet your exact needs and use case. It enables you to minimize and manage operating system maintenance and support costs, so you can channel more engineering resource into your value-add differentiation, IP and application.

## Develop

Embedded firmware and distribution that is tailored to the needs of your hardware, software and cloud services.

Focus on your value-add and IP, and add your own test cases.

Continuous build integration and test infrastructure customized for your product.

## Deploy

Secure devices with individual keys during or post manufacture.

Use our fleet management tools and/or your choice of cloud provider including Alibaba, Amazon, Arm, Google, IBM, Microsoft or private cloud.

We provide continuous updates to combine with your own IP, ensuring you always deploy the latest software.

## Maintain

Rollout security updates and/or new functionality as needed over a product's lifetime.

Deliver over-the-air (OTA) updates for your product software, from firmware to application.

Lifetime secure maintenance of your entire product software stack.

# Customer benefits

- Accelerated time to market
- Significant reduction in development and maintenance costs
- Increased device security and interoperability
- Choice of Foundries.io or third party device management
- Single per-product subscription with no lock in and no per unit royalties or fees



**FoundriesFactory** is a configurable embedded Linux platform that can be tailored to meet customers' hardware and use case needs. It can be tailored to include your own IP and value-add. Set up continuous integration (CI) and testing, deploy your product, and securely maintain

it over its lifetime. FoundriesFactory is architecture and cloud agnostic and supports industry leading platforms including Alibaba, Amazon, Azure, Google Cloud, Pelion, IBM Watson, and private clouds.

## About Foundries.io

**Foundries.io** is an IoT software platform company using open source software to create high-value firmware and OS solutions for customers developing secure and OTA updatable IoT and Edge products.

Founded in 2017, Foundries.io was spun out from Linaro, bringing knowledge obtained in the Linux Open Source world to the IoT and Edge space.

**Foundries.io** brings together platforms and solutions that customers can build their differentiating features on top of, in the knowledge that the underlying platforms are updated, secured and deployable OTA.



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[hello@foundries.io](mailto:hello@foundries.io)