Yonomi ThinCloud

Device to cloud connectivity using a turn-key backend as a service (BaaS) for consumer IoT devices. Get your products to market faster, scale bigger, and plan smarter.

Product Features:

- Built on AWS
- Event-based architecture
- RESTful APIs and webhooks
- Device-cloud connectivity with mutual authentication over MQTT/s
- User-device access roles and permissions
- Out of the box integrations with Yonomi, Google Home, and Amazon Alexa
- SDKs (iOS, Android, Node.js)
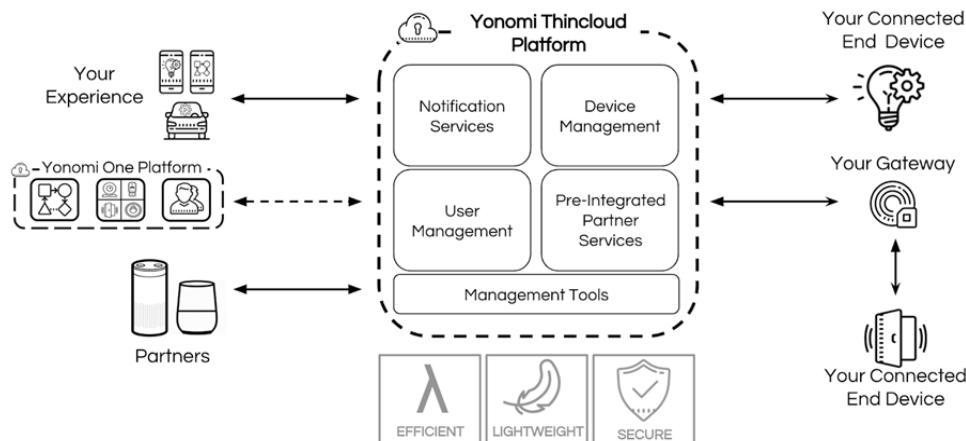- Firmware hosting OTA service

Key Benefits:

- Go to market faster (months not years)
- Predictable cloud costs
- Lowest cost to operate and supports multi-year device lifecycles
- Automatic scaling
- Certified secure by 3rd party audits
- Stable releases and rapid feature improvements
- Developed by domain experts

Reduce paying for idle resources with event-based calls, predict failures before they happen, and improve products in production with OTA firmware updates. Yonomi's ThinCloud is built to connect devices to the cloud at scale, while saving you thousands in server costs.

Connect and Manage Devices, Enable Interoperability, Improve Performance

Device, gateway, or combination (right) are integrated to the ThinCloud platform (middle), and are then accessible through the user experience (left) defined by the customer. If a connector (optional) is built to the Yonomi One Platform, your device joins Yonomi's ecosystem of over 120 device types to automate and control the home using our robust device framework.

Proven Scalability with Event-Based Architecture

ThinCloud is faster to deploy cutting time-to-market in half, makes scaling easy, and offers a flexible framework for today's IoT connected device. Rapidly build apps that handle traffic without the stress of scaling or paying for unused resources. Since servers almost never reach 100% utilization, device makers are typically charged for idle activity across hundreds, if not thousands, of remote devices used by their customers. ThinCloud is an event-driven platform where resources are consumed as needed which means device manufacturer's never have to worry about getting billed for unused resources.

Yonomi's ThinCloud helps you:

- Avoid Hardware Lock-In
- Increase Development Speed
- Reduce Time-to-Market
- Standardize Infrastructure
- Reduce Operating Cost

Avoid Hardware Lock-In

Using ThinCloud you have access to APIs that can be used across Android, iOS, Google, Amazon's Alexa, and more. Our mission is provide manufacturer's and service providers with an agnostic, flexible, and secure device ecosystem. You can move interfaces anywhere and even support your own authentication provider.

Operational Efficiency with Predictable Cloud Costs

Yonomi uses a simple cost structure that accounts for managed services and platform billing. We pass through variable infrastructure costs for AWS and only charge a fixed fee for licensed and managed services. We have the tools required to help you calculate cloud costs over the lifecycle of your product.

Ready to Get Started?

Contact Greg@yonomi.co for additional information on getting started with the Yonomi ThinCloud® or visit www.yonomi.co/thincloud-contact.