

Connecting technology with life

Product catalog

World-leading hardware, software, and services

Insurtech • Care • Security • Energy



IoT devices



Gateway software



Cloud software



App

Sensors and alarms

Zigbee sensors and alarms with numerous functionalities



Intelligent Smoke Alarm

The Intelligent Smoke Alarm alerts residents with a loud sound in case of smoke formation. The Intelligent Smoke Alarm can also activate the siren of other smoke alarms in the building via wireless communication. Moreover, the Intelligent Smoke Alarm reports the status and temperature via the given smart home system.



Intelligent Heat Alarm

The Intelligent Heat Alarm is specifically useful in environments where a traditional optical smoke sensor can cause false detections. This heat-based fire alarm is designed for installation in private homes or garages with risk of smoky, dusty, or humid environments. The thermo-sensitive detector detects both rapidly increased heat and absolute heat levels. It will alert users with a loud sound as a warning or via a smart home solution.



Water Leak Detector

The Water Leak Detector provides an early warning to help avoid or reduce potential damage from water leakages. The Water Leak Detector has a built-in 85 dB siren alerting the users when water is detected. The detector is designed for leakage detection in private homes, camping trailers, garages, and in humid environments such as kitchens and bathrooms.



Water Leak Detector Probe

The Water Leak Detector Probe is an accessory option for the Water Leak Detector. The probe is designed to detect water in areas with high risk of flooding, e.g. basements, or with poor accessibility, i.e. underneath domestic appliances. Through instant leakage detection, the probe will help prevent potential damage to properties and personal belongings.



Water Sensor

The Water Sensor is one of the smallest of its kind, designed for early detection of leaks to prevent or minimize damage. It can distinguish between moisture and sudden bursts of water, while also monitoring temperature. With built-in audio notification and seamless integration to security systems and apps, it ensures reliable protection for the home.



Smart Humidity Sensor

The Smart Humidity Sensor monitors temperature and humidity levels in a room. By supervising the indoor climate, the Smart Humidity Sensor helps maintain the ideal comfort level and protect the interior, electronics, musical instruments, furniture, artwork, and any other humidity-sensitive household item.



Air Quality Sensor

The battery-powered Air Quality Sensor continuously monitors indoor air quality. By detecting VOC levels in indoor air, the Air Quality Sensor enables monitoring of air quality in order to maintain healthy and clean indoor air. The sensor features long battery life, long range and accurate reporting of VOC levels, temperature, and humidity.



Motion Sensor

The compact Motion Sensor allows users to detect occupancy, light, and temperature with only one device. The occupancy sensor is PIR-based and able to sense movement up to 9 meters away from the sensor. Motion Sensor includes a tamper switch and offers several mounting options.



Motion Sensor 2 Pet

The compact Motion Sensor 2 Pet is a pet immune occupancy and alarm sensor that enables users to detect occupancy, light, and temperature with only one device. The motion sensor is PIR-based and can sense movement up to 9 meters away from the sensor. It includes tamper protection and is easily installed with several mounting options.



Intelligent Keypad

The Intelligent Keypad provides users with secure access control. It allows them to enable and disable their alarm system using an RFID tag or a pin code. It can also be used to lock and unlock doors remotely. A tamper switch makes the Keypad suitable for alarm systems. For longer battery life, a sensor ensures that battery is saved when the Keypad is not in use.



Smart Siren

The Smart Siren is a combined siren, voice prompt, and range extender. If intruders enter the property of the users, the siren emits a loud sound, making it suitable for security purposes. Via the voice prompt, the siren can play voice messages, e.g. to warn users. The Smart Siren includes battery backup, enabling it to function despite power cuts, and a tamper switch.



Entry Sensor 2 Pro

The Entry Sensor detects and reports the opening and closing of the doors and windows. Easily installed on any door or window, the sensor triggers a signal when parted from the magnet. The sensor also features a built-in temperature functionality.



Vibration Sensor

The Vibration Sensor detects and reports vibration. It is designed for home care solutions and gives valuable insights into patients' sleep schedules and activity. In a security solution, the Vibration sensor protects homes and buildings by giving alarm when windows or glass surfaces are shattered. The sensor also detects temperature.



Audio Assistant

The Audio Assistant allows a person in need to get in contact with people outside their home, for instance, an alarm central. The device acts as a Bluetooth speaker phone with additional features such as a panic button, and can be used for alarm validation in home care and other safety solutions.



Panic Button

The Panic Button is a Zigbee-based emergency button that enables elderly or disabled people to call for help when they need it. The Panic Button can be worn in several ways, for example around the neck or wrist, or mounted on the wall. It is water-proof and thus also suited for use in bathrooms.



Smart Button

The Smart Button is a programmable, Zigbee button, which can be used for multiple purposes. The possibilities include; a door lock button, a switch for turning on/off the lights or home appliances, and a safety button for emergencies. The Smart Button is water-proof and suited for indoor and outdoor use.



Zigbee Range Extender

The Zigbee Range Extender securely expands the range of your Zigbee network. It enables you to cover large areas and increase the number of devices in your solution. The Zigbee Range Extender can include a battery backup to ensure that your solution works also in cases of power loss.

Smart relays

Control groups of appliances remotely and monitor power consumption via Zigbee



Smart Cable 2

The Smart Cable 2 converts conventional power cables into remotely controlled units, which allow the user to monitor power consumption. The Smart Cable 2 enables the user to control plugged in electrical devices, with the option to switch them on or off.



Smart DIN Relay

The Smart DIN Relay 2 enables the user to switch equipment on or off remotely via Zigbee. It grants wireless on/ off control of clusters, groups of appliances, or individual elements. It features a power meter functionality, granting the user access to monitoring the power - giving an increased overview of what unit groups consume the most power and when.



IO Module

The IO Module brings wired devices online. Providing four inputs and two outputs, the IO Module works as a bridge of reliable communication between wired devices and Zigbee networks. Devices connected to the input will trigger events, and devices connected to the output will respond to events.

Smart plugs

Monitor power consumption and control electrical appliances



Smart Plug Mini 2

The Smart Plug Mini 2 is the world's smallest. It is an intelligent remotely controlled adapter that monitors the power consumption and enables the user to control electrical equipment by switching it on or off remotely via Zigbee. The Smart Plug Mini 2 is easy to use since it requires no installation. The user just has to put it into an electrical outlet and then plug in the desired electrical device.



Type F (Schuko)

Used in: Germany, Greece, Hungary, Indonesia, Italy, Luxembourg, the Netherlands, Norway, Russia, Spain, and Sweden.



Type G (British)

Used in: UK, Ireland, Hong Kong, Malaysia, Qatar, Saudi Arabia, Singapore, and United Arab Emirates.

Meter Interfaces

Data reporting with wireless communication for meters



Electricity Meter Interface 2, LED

The Electricity Meter Interface 2, LED serves as a Zigbee interface for your customers' electricity meters with an LED indicating power consumption. The meter interface collects meter readings from the existing meter and sends the data to appliances in the building. The user can simply follow the consumption on a display, a computer, or a mobile phone.



Electricity Meter Interface 2, P1

The Electricity Meter Interface 2, P1 is customized for power meters with a P1 port. It collects meter readings and sends the data to a gateway via Zigbee communication, ensuring secure data communication and minimal energy usage of the device. Data can be visualized in an app or other display, allowing users to follow their consumption in real-time.



External Meter Interface - Norwegian HAN

The External Meter Interface is compatible with Norwegian electricity meters with an enabled HAN interface. The meter interface collects meter readings and sends the data to appliances in the building. This way, the user is provided with real-time reporting of power consumption e.g. through a display, a computer, or a mobile phone.

Gateways

All-in-one solution for connecting IoT devices across brands and wireless protocols

Squid.link gateways

The Squid.link gateways are modular platforms for connecting devices in IoT solutions and transferring data reliably and securely. The gateways are based on a programmable Linux platform and support a wide range of communication protocols. Since the gateways are white label products, they provide multiple options for customization.



Squid.link 2B

Squid.link 2B allows you to run your solution with top performance. It includes two memory configurations. In addition to the protocols supported by Squid.link Gateway, it adds Zigbee 3.0 and Bluetooth 5. You can enhance security by adding a hardware encryption chip, an eSim, and the Apple ID chip. The battery backup lasts 2-4 hours

Squid.link 2X

Squid.link 2X is a more powerful and extended version of Squid.link 2B. It is suitable for large and complex solutions such as artificial intelligence-based applications. Squid.link 2X offers a variety of features on top of those of Squid.link 2B, including a 3-axis accelerometer for tamper protection, a RFID interfaces (passive or active), a MEMS microphone, a Real Time Clock, and a 12 hour battery backup in low-power mode.



Meter Data Concentrator

The Meter Data Concentrator is a battery-powered gateway that can collect meter data from up to 1000 meters, making it ideal for energy management solutions for large building complexes. The Meter Data Concentrator communicates via Wireless M-Bus and has a battery lifetime of 10 years.



Edge services

The Edge services offered by Onics help you optimize data communication by storing and processing data locally rather than in a cloud. This increases the security, privacy, and stability of you solution and reduces latency and costs. They are fully developed software modules that reduce your time spent on application development.



Edge (gateway) services

Choose the services you need for your solution and add functionalities in a cost-effective way.



Access module

Manage local access control to homes or buildings directly on the gateway, reducing delays in functionality and cloud communication costs.



Voice over IP module

Make SIP calls from the gateway and connect your solution to Alarm Receiving Centers to validate alarm calls in care and security solutions.



Alarm module

Home or small business alarm system, managing arming in 3 modes (away, home, and night). using sensor data from alarm capable devices, alarm user validation, event logging etc. all running locally on the gateway.



DVR

Record data from multiple cameras and store only the relevant clips locally on the gateway. The DVR can store footage surrounding other system events (e.g. an alarm or door opening). Local storage provides a high level of privacy.



Logic rule module

Using any available data point on the gateway or from a connected device and even remote internet resources, logic rules can be defined in a "if-this-then-that" style.



Cloud connectivity modules

Easily connect your solution to a cloud via the MQTT client module, MS Azure IoT hub module, or AWS IoT core module.



Software/firmware download and upgrade

Easily download software upgrades for the gateway and IoT devices connected.



IoT device connectivity modules

Zigbee, BLE module, Bluetooth, Wireless M-Bus, Care device (869MHz), Thread, Matter.

Fleet Management Services

The Fleet Management Services are a range of software services that make it a lot easier for you to monitor, maintain, and debug Squid.link gateways and devices across your IoT solution. They enable you to always stay on top of potential technical issues and reduce maintenance costs for your solution.



Monitoring

Get real-time status of all IoT devices in your network, such as wireless connection quality and battery status, to know if anything needs maintenance.



Software/firmware upgrade

Easily update software in your devices over-the-air, simplifying and reducing your maintenance costs.



Backup/Restore

Easily backup and restore gateway data and configurations in case you need to exchange or upgrade a gateway in the system.



Delegation

Divide the gateways in your solution into subgroups (for instance, one for each of your customers) and assign different managers to these groups.



Access rights

Enable different access rights for different people across your IoT network to administer individual rights in sections, for support lines, geographical areas etc.



Provisioning

Enables a fast and easy way to provision and manage your IoT gateway fleet to enable secure cloud connectivity.



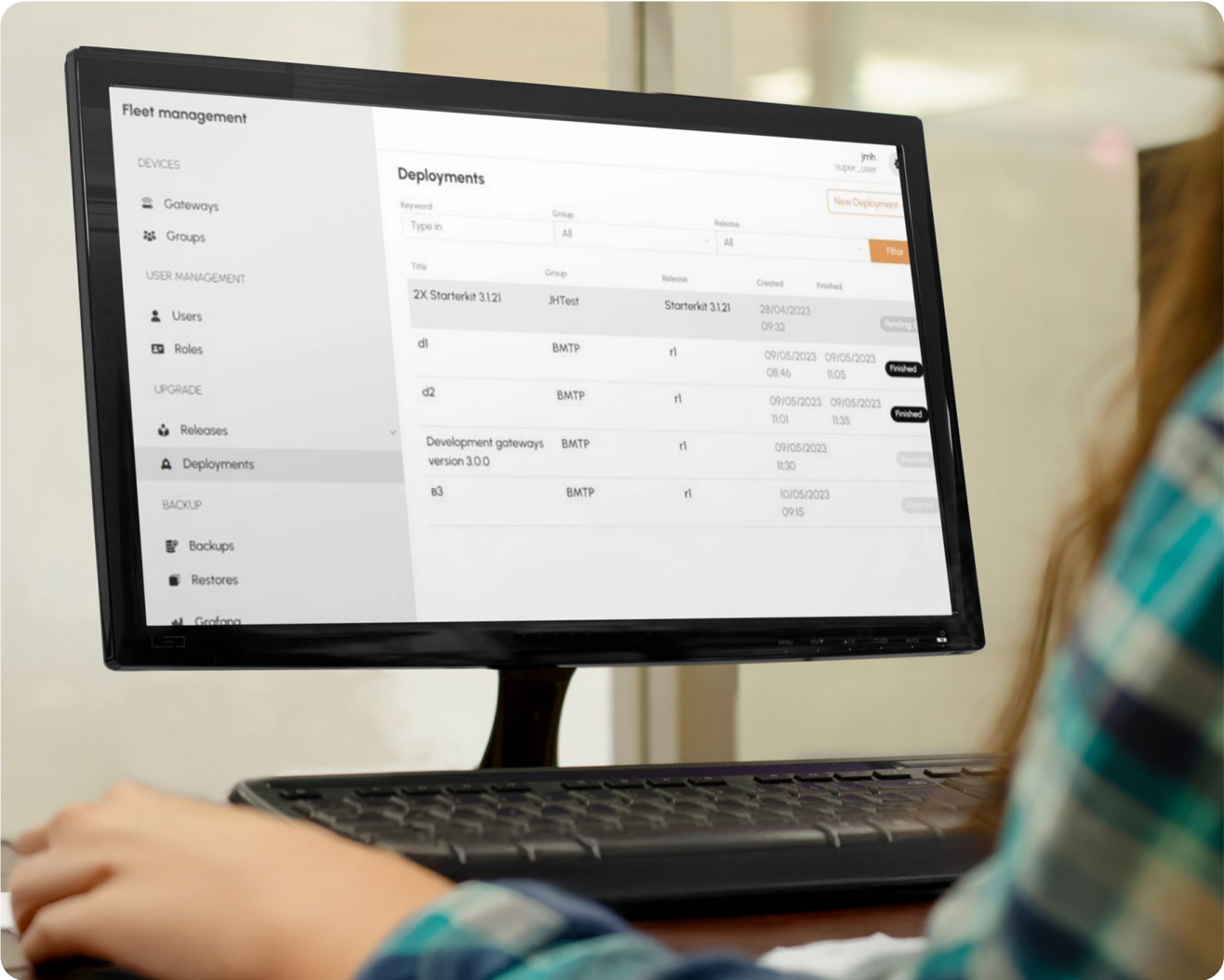
Remote debug

Enables fast and secure access to debug data from connected gateways for remote debugging.

Getting started

All starter kits from Onics are connected to Onics' Fleet Management demo server. You can get access to the gateway(s) included in your starter kit through the Fleet Management access right module.

For your projects, you can gain access to all gateways via the demo server from which you can develop a customized user interface to the specific needs of your solution. Onics can also help you develop a customized user interface.



Cloud Platform

Smart, secure, and scalable solutions for insurance and energy.



For smarter, safer and more efficient living

The future of connected living requires a robust, scalable, and secure foundation. Onics Cloud Platform is a powerful cloud platform designed to drive innovation in insurance and energy optimization solutions.


By providing seamless integration across multiple service areas, it enables businesses to develop and deploy intelligent applications that enhance efficiency, safety, and convenience.

Built for advanced functionality




Energy optimization

Data-driven insights and automation to reduce energy cost and consumption.



Home security

Sensors with built-in audio alerts and seamless system integration for proactive detection. This ensures early warning, reliable protection, and safer homes.



Automation & customization

Group and scenario control for tailored smart home experiences.

Reliable, secure, and future-proof

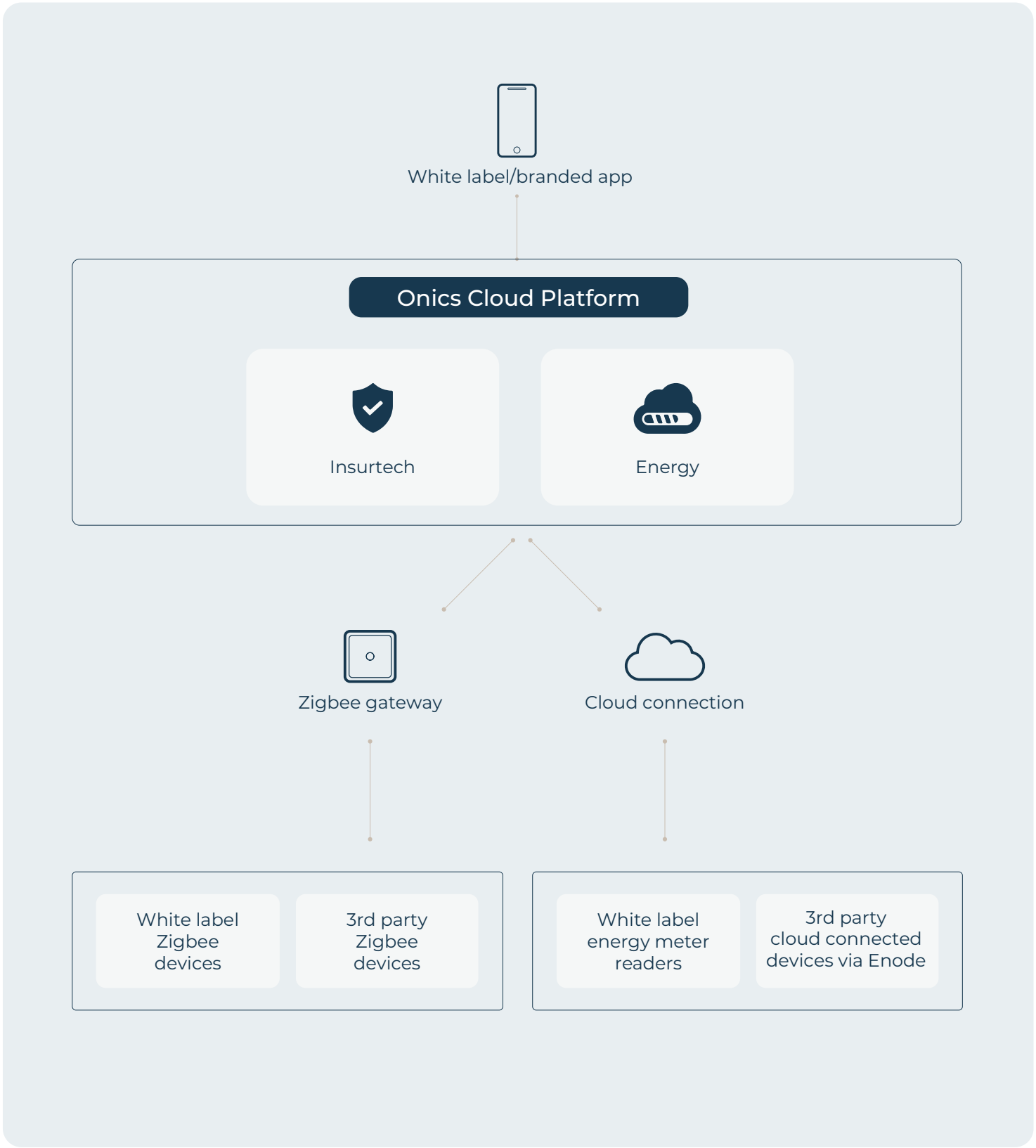
Onics Cloud Platform is a cloud-native platform running on Amazon Web Services (AWS), ensuring high availability and scalability.

Its event-driven architecture enables real-time responsiveness, while its well-documented client API makes integration seamless. Security is a top priority, with OAuth-based access control and continuous system monitoring ensuring data protection and platform stability.

A versatile and scalable solution

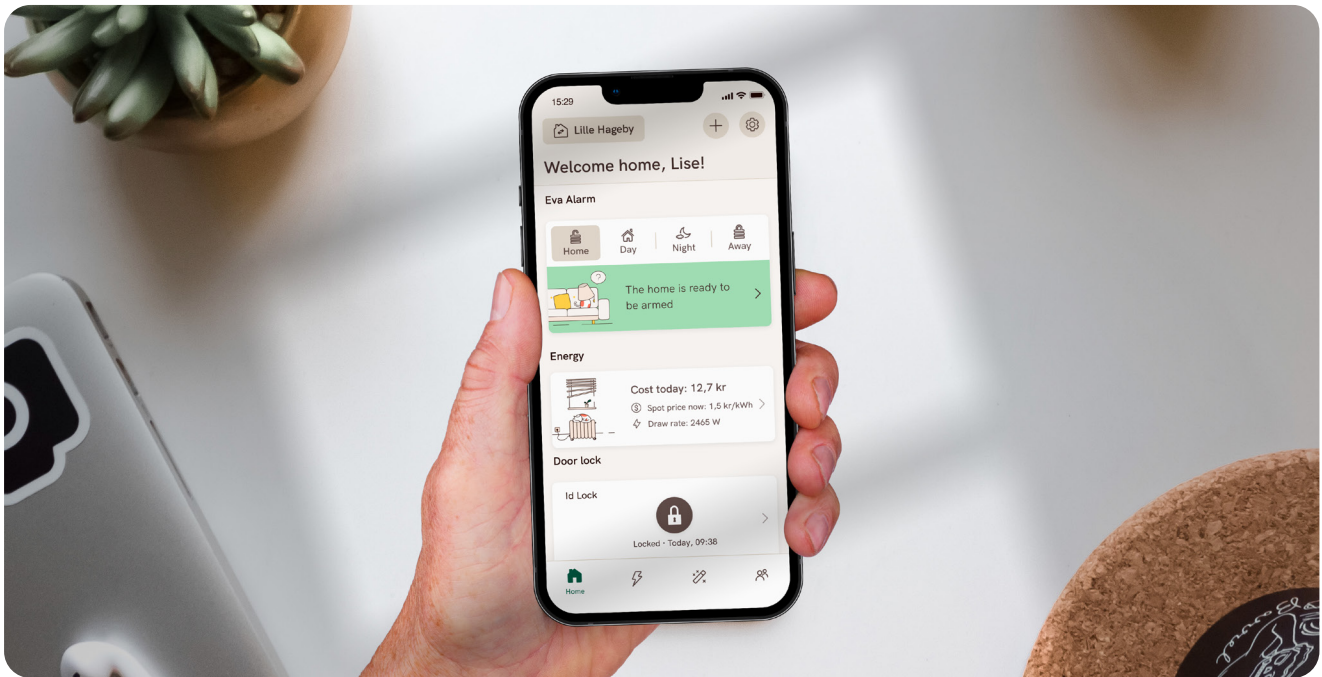
Developed through years of experience, Onics Cloud Platform serves as the bridge between connected devices and the user interface. It ensures smooth data processing, real-time event management, and precise execution of user commands.

Its API-driven architecture allows for easy adaptation across different industries, making it a valuable tool for companies looking to innovate within the energy and insurtech sectors.






App

Bring a fully functional and ready-to-launch smart home app to market fast and cost-effectively, enhancing customer engagement and brand loyalty.



Powerful features for insurance and energy solutions

-  **Scalable & secure**
Optimize performance and reliability with an app built on the AWS-powered Onics Cloud Platform.
-  **Standalone app**
Publish the app under your name on the App Store & Google Play.
-  **Custom branding**
Add your logo, color and other design elements.



Deliver a seamless experience

The app is designed to provide intelligent, automated, and secure energy efficiency and risk prevention.

Through real-time monitoring and automation, households can optimize energy consumption while reducing costs and environmental impact. At the same time, connected sensors and devices provide early detection of risks such as water leaks or abnormal temperature changes, helping prevent damage and supporting innovative insurtech solutions.

This combination of energy optimization and proactive safety makes the home not only smarter, but also safer and more sustainable.

Why choose the ready-to-use app?

- Faster time to market**
Launch your own app without the hassle of development.
- Cost-effective**
Reduce development costs while still offering a premium solution.
- Proven technology**
Built on the trusted Onics Cloud platform, ensuring scalability and security.
- Customizable features**
Tailor the app's functionality to fit your business needs.



Branding options

Customize the solution to fit your branding needs

Get a full solution in your brand

Get a solution that fits the visual identity of your business seamlessly by adding your brand to the white label products and application. .

Add your brand to the products

You have the opportunity to customize the design and packaging of the products in several ways. To ease the design process, we provide you with a set of templates and guidelines.

You can make changes to boxes, sleeves, installation manuals, labels (including the gateway top label), and kit boxes.

Your brand, your app

Customize your logo, colors and other design elements to fit the app to your brand.

You will also be able to publish it in your name on the App Store and Google Play.



Branded devices and branded app



Eva Smart Home

Skip the development phase and get to market faster. Eva Smart Home is a powerful and user-friendly smart home app built on Onics Cloud Platform.

Designed for flexibility and scalability, it provides advanced energy optimization, security and automation solutions.

frient

If you do not want to add your own brand to the devices or are looking for lower volumes, you can include frient products in your solution.

The frient devices are the same high-quality products as are available for white-labeling, but with lower minimum order quantities, giving you maximal flexibility for your solution.

Starter Kits

Take the next step towards your own IoT solution

Discover the power of Onics' intelligent solutions

With a starter kit, you can easily test the solutions and experience, how easy it is to get a full IoT solution. The market-ready solution helps you quickly get your own IoT solution and focus on your core competencies.

Onics offers different starter kits tailored to your needs. Whether you are looking to test the full solution from the devices all the way to the application, or if you want to test the functionalities of the Squid.link gateways, we have the right kit for you.

Key benefits

With the starter kits, you can:

- Demonstrate proof of concept
- Test the performance of mature IoT devices and gateways
- Explore the Fleet Management Services
- Discover the Cloud Platform with its alarm and energy management services
- Experience the user-friendly app

Order your starter kit

Do you want to get started with your intelligent solution? Contact us at info@onics.com to order your starter kit.



Support and tools



Support forum

With a starter kit, you get access to the Support forum,. Here, you can find firmware and technical documentation for products and software as well as templates for white labeling.

With a Support Agreement, you can also get support from our helpdesk on any technical issues you are experiencing.



Who is Onics?

Onics is born from the union of two pioneering forces, each with decades of experience in connected technology.

Our journey began with a shared vision: to make complex technology accessible, reliable, and meaningful for providers of intelligent solutions.

Our customers are visionaries, seeking to improve and expand their offering and create more value for their customers as well as end-users.

That's why we focus on delivering adaptable, futureproof solutions that seamlessly integrate into existing ecosystems.

But our story isn't just about technology – it's about people. We are driven by the desire to simplify lives, protect what matters most, and support a sustainable future.

In Onics, we don't just connect devices – we connect technology with life.



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