

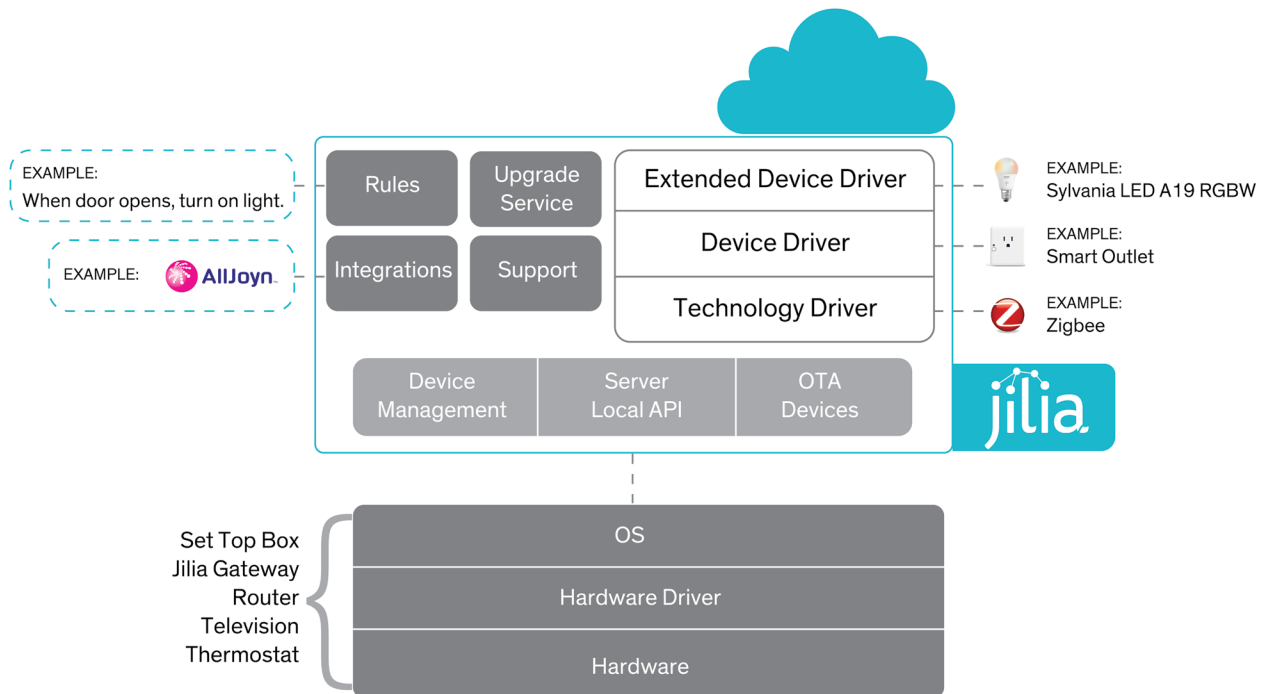
Jilia: Simplifying Home and Building Automation

Jilia: Simplifying Home and Building Automation for OEMs and Systems Integrators

A Robust API-Based Cloud Services Platform with Turnkey Hardware and Devices

Centralite's IoT smart devices are specifically designed to integrate with residential and small to medium sized businesses (SMB). Key applications include lighting control, environmental control, security, loss prevention (ex: detecting water leaks), refrigerator, and freezer monitoring. Based on Jilia, a robust framework and developer platform, developers can imagine, build, and expand upon the Internet of Things with a single,

simple API. Jilia provides an intuitive API, cloud service, and flexible hardware components that removes many risks, scalability, and compatibility concerns that businesses and developers have. Projects that would take years to develop can be launched in as little as weeks and months—at the fraction of the cost of a traditional IoT development cycle.



Jilia Solution Components Include

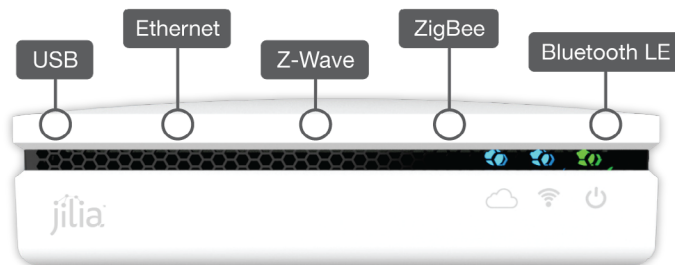
Component	Description
Cloud	A robust API-based cloud services platform
Jilia Hub	Gateway with USB, Ethernet, ZigBee fully supported, HW present for Z-wave, Bluetooth Low Energy, and Thread interfaces
Sensors	Motion, Door, Water, Temperature and Humidity sensors and Thermostat
In-wall switches and outlets	Smart outlets, Smart switches, and In-wall relays
Security products	Smart buttons, Security keypad and Smart buttons

Jilia Gateway

The Jilia Hub supports the most popular IoT protocols and has the power, features, and storage to solve even the most complex IoT implementations. With two on-board USB ports, the Jilia Hub is future-proof, allowing platforms and service providers the ability to add additional radios and protocols in the future, without the need for replacing hardware. The Jilia Hub a great fit for high-uptime applications like security, commercial, and industrial applications.

Key features include:

- > Technology drivers included, no custom firmware required
- > RESTful API access to all devices
- > Technology-, protocol-, and brand-agnostic
- > Peripheral support: USB, Ethernet, and ZigBee HA 1.2
 - ZigBee 3.0 on the roadmap
 - Inquire for software support for Z-Wave, Bluetooth LE and Thread protocols
- > Onboard battery backup
- > Local and cloud-based processing and decision marking capabilities



Sensors and Thermostats for Climate Control

Sensors products include:

- > Door sensors – Detects opening and closing of doors and windows
- > Motion sensors – Detects movement in certain areas and can trigger lighting, HVAC setting and security alarms
- > Water sensor – Detects water leak hear water heaters, drain pans and underneath sinks
- > Temperature/humidity sensors – Monitors temperature and humidity and enables HVAC system to ensure occupancy comfort and minimizes energy wastage
- > Pearl Thermostat – Thermostat with easy-to-use controls and capacitive touch display



Door Sensor



Motion Sensor



Water Sensor



Temperature/
Humidity Sensor



Pearl Thermostat

In-Wall Switches and Outlets for Lighting and Appliance Control

Products include:

- > Smart outlets - Adds automation features by enabling remote on/off functions, and responds to alerts, schedules and scenes
- > In-wall dimmer and relay switches – Ideal for lighting automation applications, the switches measure and report energy used
- > Smart switches – Installs over existing light switches to provide wireless control of ZigBee-compatible light bulbs and other wireless devices



Smart Outlets



In-Wall Relay



Smart Switches

Security Keypads and Smart Buttons for Home Safety and Security

Products include:

- > Security keypad – Expands automation to security by giving users an easy-to-use option for controlling their 3-way Series security system
- > Smart button – Triggers events, scenes or notifications. Can control LED lights wirelessly
- > Night light repeater – Extends ZigBee network up to 100 feet, has a dimmable night light, and provides emergency ZigBee repeating and signal lighting if a power outage occurs



Security Keypad



Smart Button



Night Light Repeater

Part Numbers and Ordering Information

For Arrow's customers Centralite's products can be purchased on an ala carte basis or can be bundled together per specific needs.

Beginner Bundles

Description	Part Number	What's include
Lighting Package	9420-A	Jilia Hub (Part # 9410-G) Smart Outlet (Part # 3200-G) Micro Motion Sensor (Part # 3328-G) Micro Contact Sensor (Part # 3323-G)
Sensor Package	9422-A	Jilia Hub (Part # 9410-G) Micro Motion Sensor (Part # 3328-G) Micro Contact Sensor (Part # 3323-G) Water Leak Sensor (Part # 3315-G)
Environmental Control Package	9423-A	Jilia Hub (Part # 9410-G) Pearl Thermostat (Part # 3157100-(BN,WN)) Micro Motion Sensor (Part # 3328-G) Micro Contact Sensor (Part # 3323-G)

Ala Carte

Description	Part Description	Part #
Controller	Jilia Hub	9410-G
Thermostat	Pearl Thermostat (Black: -BN; White: -WN)	3157100-xx
Lighting Controls	3-Series Smart Dimming Outlet	3100-G
Lighting Controls	3-Series Smart Outlet	3200-G
Lighting Controls	3-Series Smart Outlet, UK	3200-Ggb
Lighting Controls	3S Smart Outlet, Type F	3200-Gde
Lighting Controls	3-Series Smart Outlet, Type E	3200-Gfr
Sensors	3-Series Micro Door Sensor	3323-G
Sensors	3S Micro Door, EU	3323-Geu
Sensors	3-Series Micro Motion Sensor	3328-G
Sensors	3-Series Micro Motion Sensor, EU	3328-Geu
Sensors	3-Series Temp & Humidity Sensor	3310-G
Sensors	3-Series Temp & Humidity Sensor, EU	3310-Geu
Sensors	3-Series Water Sensor	3315-G
Sensors	3-Series Water Sensor, EU	3315-Geu
Specialty Devices	3 Series Security Keypad	3400-G
Specialty Devices	3 Series Security Keypad, EU	3400-Geu
Specialty Devices	3-Series Smart Switch	3130-w
Specialty Devices	3-Series Night Light Repeater	3420-G

In Person

Please contact your local Arrow account manager or 855 3264757

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