
Security & Automation Solutions



EXPERTISE WITH HIGH PERFORMANCE

A wide range of solutions

Ecolink and UEI have extensive RF resources throughout the globe in support of the development of highly innovative and custom solutions.

Protocol agnostic for all applications:

Security Products

- 319.5 MHz, 345 MHz, 433 MHz
- Compatible with: Qolsys, Interlogix, GE, Honeywell, 2GIG and DSC

Home Automation

- Z-Wave, Zigbee



Our connected home solutions cover everything from thermostats and controllers to sensors and switches, as well as smart home hubs that tie it all together.

SIMPLE AND AFFORDABLE SOLUTIONS












Sub-1 GHz Products










Products are developed with strength in battery-operated wireless devices that are compatible products for 319.5 MHz, 345 MHz, 433 MHz protocols.







Our products have outstanding performance while being cost effective.



Because of the long range and low-power consumption, sub-GHz networking is particularly well suited to Internet of Things applications.

	Motion	Door/Window	Contact	Smoke	Flood/Freeze	Temperature	Garage Tilt	Keyfob
345 MHz	 WST-742	 WST-232	 WST-222	 WST-602	 WST-612		 WST-402	 WST-102
Features	<p>Up to 5-year battery life</p> <p>Multiple mounting options</p> <p>Field-selectable sensitivity</p> <p>Pet immunity of up to 50lbs</p> <p>Light immunity of 2000 lux</p>	<p>Up to 5-year battery life</p> <p>White and Brown covers/plastics included</p> <p>External contact input supported</p>	<p>Up to 5-year battery life</p>	<p>Up to 5-year battery life</p> <p>Smoke Detector audio detection within 6" of device</p>	<p>Up to 10-year battery life</p> <p>Water detection at depth of 1/64" via built-in probes</p>	<p>Battery (2 x AAA) powered</p> <p>Indoor use</p> <p>Operating temperature: 0 – 49 degrees C</p>	<p>Up to 8-year battery life</p> <p>Detects the angle of a garage door to determines open & close status</p>	<p>Up to 5-year battery life</p> <p>Lock / Unlock / Home buttons</p> <p>Star button varies based on panel brand and/or configuration</p>
Compatibility	  							

	Motion	Door/Window	Contact	Smoke	Flood/Freeze	Garage Tilt	Keyfob
319 MHz	 TX-E721	 TX-E231	 TX-E221	 SLX-AD-T3	 TX-E611	 TX-E401	 TX-E111 / 101
Features	<p>Up to 5-year battery life</p> <p>Multiple mounting options</p> <p>Field-selectable sensitivity</p> <p>Pet immunity of up to 40lbs</p>	<p>Up to 8-year battery life</p> <p>White and Brown covers/plastics included</p>	<p>Up to 5-year battery life</p>	<p>Up to 4-year battery life</p> <p>Smoke Detector audio detection within 6" of device</p>	<p>Up to 10-year battery life</p> <p>Water detection at depth of 1/64" via built-in probes</p>	<p>Up to 8-year battery life</p> <p>Detects the angle of a garage door to determines open & close status</p>	<p>Up to 5-year battery life</p> <p>Lock / Unlock buttons</p> <p>Light / Star buttons vary based on panel brand and/or configuration (E101 only)</p>
Compatibility	 						

	Door/Window	Contact	Smoke	Garage Tilt	Keyfob
433 MHz	 <p>WST-200</p>	 <p>WST-220</p>	 <p>WST-600</p>	 <p>WST-400</p>	 <p>WST-100</p>
Features	<p>Up to 8-year battery life</p> <p>White and Brown covers/plastics included</p>	<p>Up to 5-year battery life</p>	<p>Up to 4-year battery life</p> <p>Smoke & CO audio detection within 6" of device</p>	<p>Up to 8-year battery life</p> <p>Detects the angle of a garage door to determine open & close status</p>	<p>Up to 5-year battery life</p> <p>Lock / Unlock / Home / Panic buttons</p>
Compatibility					

INTELLIGENT TECHNOLOGY

Z-Wave Solutions












Our Z-Wave product portfolio offers sensors and thermostats that are Z-Wave Plus certified.

We provide many choices to suit your needs that are compatible with major smart hubs and gateways.

Our promise is to be reliable by design with optimized RF performance and low power usage resulting in low maintenance operation.



Smart sensors and thermostats

	Motion	Door/Window	Temp/Humid	FireFighter™	Flood/Freeze	Siren & Chime	Garage Tilt	Thermostat
Available / In Dev	 PIRZWAVE2.5	 DWZWAVE2.5	 RTH100Z	 FFZWAVE2.5	 FLFZWAVE2.5-ECO	 ISZW7-ECO	 TILTZWAVE2.5	 TBZ500
Features	Z-Wave Plus™ Up to 1-year battery life Multiple mounting options Configurable Pet immunity	Z-Wave Plus™ Up to 3-year battery life White and Brown covers/plastics included	Z-Wave Plus™ Up to 1-year battery life Temp Accuracy: ±1°F, Range: 0°C to 50°C RH Accuracy: ±5%, Range 5 to 95%	Z-Wave Plus™ Up to 5-year battery life Smoke & CO audio detection within 6" of device	Z-Wave Plus™ Up to 5-year battery life Water and freeze detection via built-in external probes	Z-Wave Plus™ Self-recharging, 24-hour Battery Back-up First Z-Wave Plus™ indoor Siren on the market Powerfully loud at 105db Custom sounds via SD-Card	Z-Wave Plus™ Up to 5-year battery life Detects the angle of a garage door to determine open & close status	Z-Wave Plus™ Temperature and Humidity sensors built-in 24VAC, 5 Relays Virtual Agent Support
Compatibility	   							

Z-WAVE FAMILY PORTFOLIO

Siren and Chime

Our indoor siren is the first Z-Wave Plus 700 series on the market. The Siren can act as Z-Wave range extender and supports 30 different notification sounds, with custom sounds added via micro-SD card.

The Siren is compatible with major smart hubs and many Z-Wave controllers, secured with S2 security encryption.

With a 24-hour battery backup and self-recharging capabilities, the Siren is powerfully loud at 105dB.



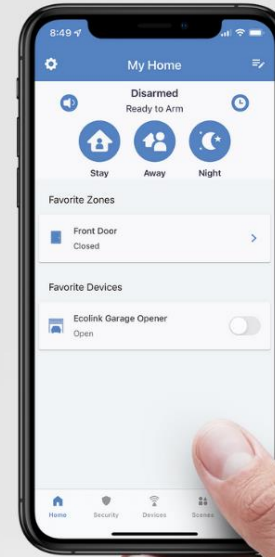
Z-Wave Plus Siren and Chime

Garage Controller

The garage door controller is compatible with available Z-Wave hubs and professional Z-Wave security panels.

It is designed to mount in proximity, or directly to, commercially available garage door operators which have either a primary or secondary external contact for operator activation input signal.

Thanks to its long-range version of Z-Wave it allows effortless control even in a remote area of the property.



Garage Door Controller Z-Wave Long Range

COVERING HOME AUTOMATION NEEDS

Zigbee Solutions

Our sensors are Zigbee 3.0 certified and integrate with IoT solutions.






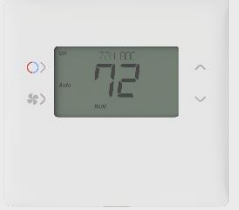



We offer a wide range of products that are compatible with major smart hubs, pro security and home automation brands.

Our home security systems pack the power of whole-home security into an affordable DIY package.

We have you covered from motion detection, thermostats, flood/freeze sensors and our one-of-a-kind Firefighter™.



Smart sensors and thermostats

	Motion	Door/Window	Temp/Humid	FireFighter™	Flood/Freeze	Thermostats
Available / In Dev	 <p>PIRZB1-ECO PIRZB2-ECO</p>	 <p>DWZB1-ECO</p>	 <p>THZB1-ECO</p>	 <p>FFZB1-ECO</p>	 <p>FLZB1-ECO</p>	 <p>TBH300</p>
Features	<p>PIRZB2 to support Zigbee 3.1 and All-Hubs</p> <p>Up to 3-year battery life</p> <p>Multiple mounting options (corner or flat)</p> <p>Up to 19dBm output power</p> <p>Pet immunity up to 50lbs</p>	<p>Zigbee 3.0 Certified</p> <p>Up to 5-year battery life</p> <p>Up to 19dBm output power</p>	<p>Zigbee 3.1 and All-Hubs</p> <p>Up to 3-year battery life</p> <p>Up to 19dBm output power</p> <p>Temp Accuracy: ±.5°C Range: 0°C to 50°C</p> <p>RH Accuracy: ±2% Range: 20 to 80%</p>	<p>Zigbee Home Automation Certified</p> <p>Up to 4-year battery life</p> <p>Smoke Detector audio detection</p>	<p>Zigbee 3.0 Certified</p> <p>Up to 4-year battery life</p> <p>Water detection at depth of 1/64" via built-in probes</p>	<p>Zigbee3.0, ClearSky and Bluetooth</p> <p>Temperature and Humidity sensors built-in</p> <p>24VAC, 5 Relays</p> <p>Virtual Agent Support</p>
Compatibility	  					

TBH300 ENERGY MANAGEMENT SYSTEM

Plug-and-play installation

- **System Components**

- Smart thermostat with Zigbee, BLE, and ClearSky™ support
- ClearSky occupancy sensor and door/window sensors
- Configuration phone app

- **Thermostat Phone Application**

- Assigns all temperature settings
 - Thermostat behavior is pre-assigned for each facility via the app
- Pairs sensors to thermostat
 - Installer selects room type and follows pre-determined profile
 - Profiles can be created by facility manager

- **Plug-and-play Sensor Installation**

- Pair sensors by scanning barcode inside sensor housing
- Install sensors with peel and stick double-sided adhesive



- **Kit Components**

- TBH300 thermostat
- ClearSky occupancy and door/window sensors
- QR code inside sensor housing for easy pairing
- Installer mobile app – iOS and Android
- Quick guide and installer manual

ZIGBEE PORTFOLIO

PIR Motion Sensor

The UEI PIR motion sensor is a battery-powered Zigbee 3.0 device for security, home automation and HVAC/hospitality applications. The device provides motion alerts to connected platforms.

It is easy to mount and maintain and provides the possibility to create scenes and automations between other Zigbee devices or systems.

Pet immunity is supported for animals up to 50 lbs.



Zigbee 3.0 PIR motion sensor

ZIGBEE PORTFOLIO

Temperature and Humidity

The temperature and humidity sensor is a battery-powered Zigbee 3.0 device for security, home automation and HVAC/hospitality applications.

It is easy to mount and maintain and provides the possibility to create scenes and automations between other Zigbee devices or to trigger thermostats and HVAC systems to heat or cool an environment.



Zigbee 3.0 temperature and humidity sensor

Gateways

An abstract graphic consisting of several thin, white, curved lines that originate from the bottom left and fan out towards the right side of the slide, creating a sense of motion and connectivity.

HomeKit Bridge

The Ecolink Home Monitoring System is designed to enable homeowners who have Apple products to self-monitor the security of their homes.

- Use the Apple Home app that is native to iOS devices
- ClearSky™ enabled sensors (345Mhz)
 - Long range
 - Rolling code encryption
 - Long battery life (5-10 years)
- No monthly fees

Initial roll out planned as a direct-to-consumer campaign.

- Possibility of a matter derivative of the system could open additional channels



HomeKit | Home Monitoring System

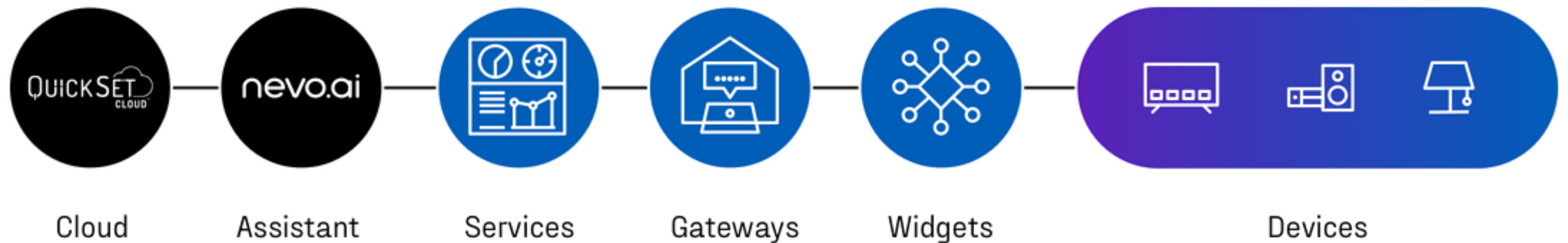
Nevo Butler

Voice interface for a connected/secure home



The Nevo Platform

The Nevo Platform is the white label end-to-end smart home and entertainment control solution from UEI. It consist of our QuickSet Cloud, nevo.ai, services, gateways, widgets and devices that seamlessly work together as one system.



Nevo Butler

The Nevo Platform can run on virtually any internet connected OEM device but presents itself in its purest form on our highly secured, voice-enabled, white label gateway, Nevo Butler.



The Gateway

Devices

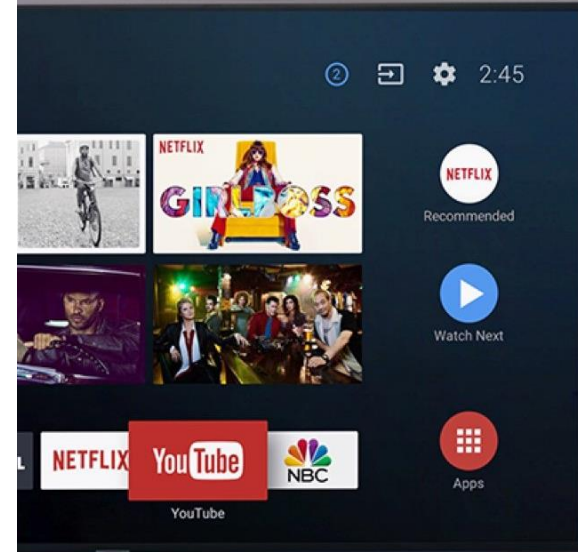
To complete our end-to-end system, Universal Electronics develops many white label IoT devices such as Zigbee sensors and thermostats. We also certify third-party IoT devices via our Works With QuickSet program.



White label IoT Solution

Entertainment & Smart Home Hub

- Secured & Managed Hardware
- Far Field Voice Enabled
- Customizable Assistant & Wake Word
- Online & Offline Speech Recognition
- Built-in nevo.ai & QuickSet 5
- Multi-Assistant Support
- Intelligent Sound Events



Complete end-to-end smart home and entertainment control solution

The Hardware



Customizable colors and logo



Built-in speaker for spoken feedback

Multiple wake word support



2-Mic array for far field voice



Online and offline speech recognition

Multi-protocol support



Built-in nevo.ai and QuickSet Cloud

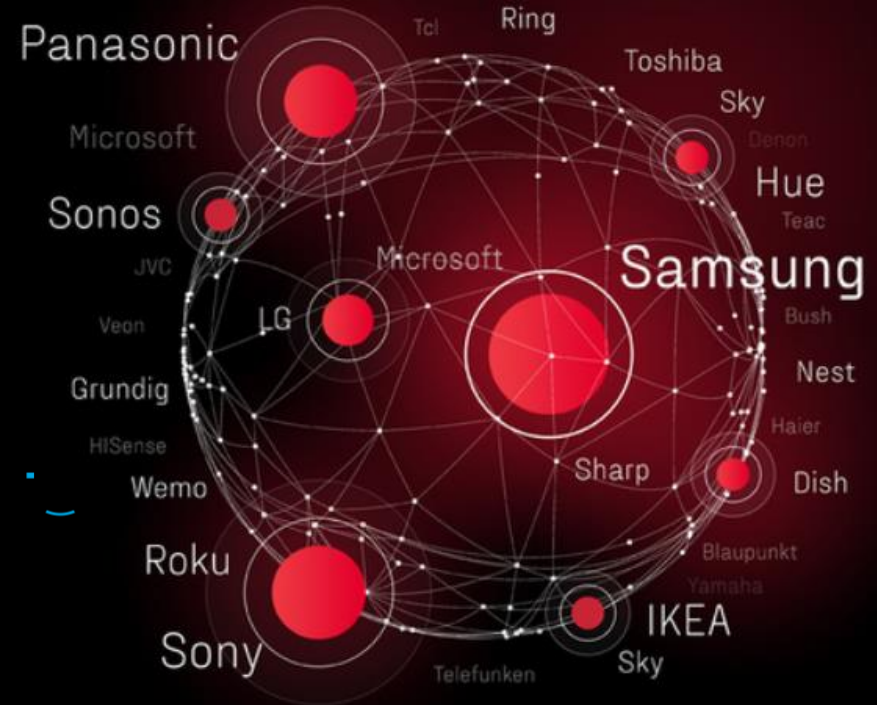
Multi-assistant support



Secure, powerful and versatile by design

COMPATIBILITY WITH DEVICES AT HOME IS
THE NUMBER ONE DRIVER FOR PRODUCT PURCHASES

- Addresses both consumers' needs as well as manufacturers' challenges as a service
- Ensures the product is compatible with ecosystems and devices in the home including hubs, smart speakers and automation platforms as well as those Powered by QuickSet

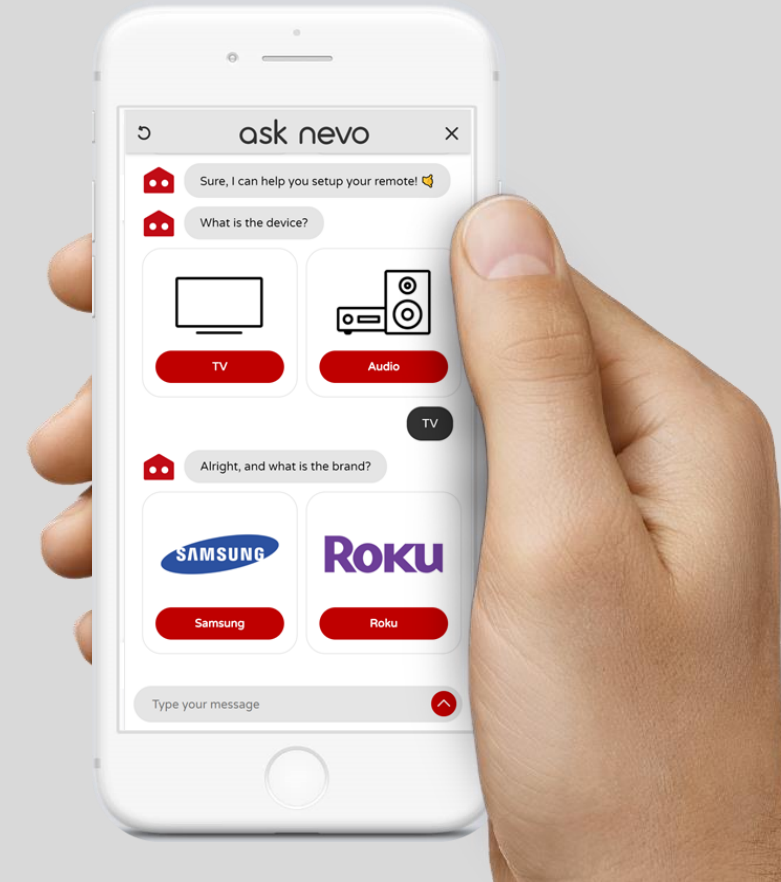


Interoperability as a Service

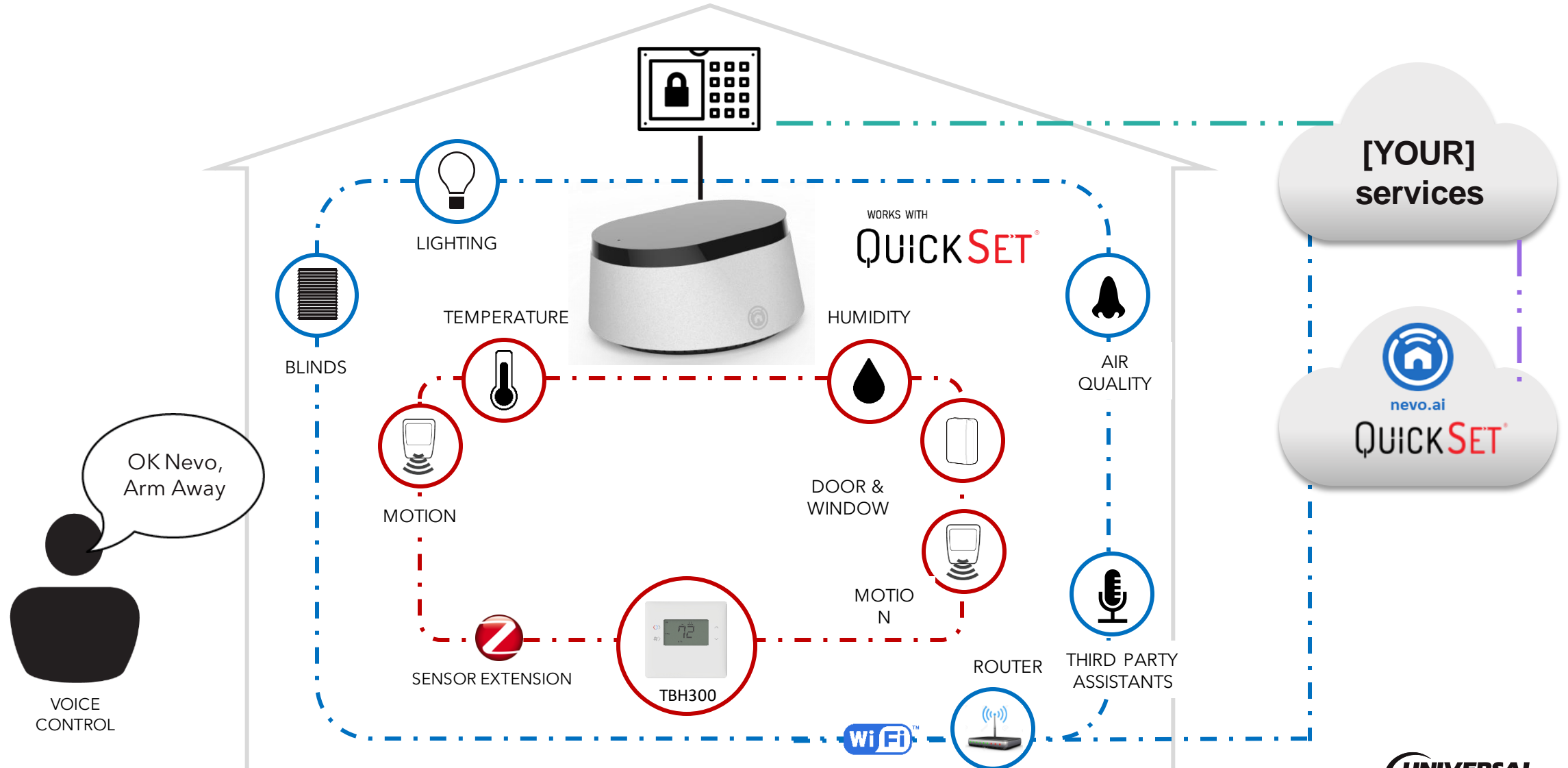
AN INTEGRATED TIER 0 (SELF-HELP) SERVICE FOR ENTERTAINMENT AND SMART HOME DEVICES

- Enabling self-help capabilities on common questions around
 - Device onboarding
 - Feature discovery
 - Troubleshooting
- Built around an open-ended knowledge base
- To keep users in the branded experience it can be easily integrated
 - On-device (TV, STB, thermostat, remote, etc.)
 - Support website
 - Mobile app

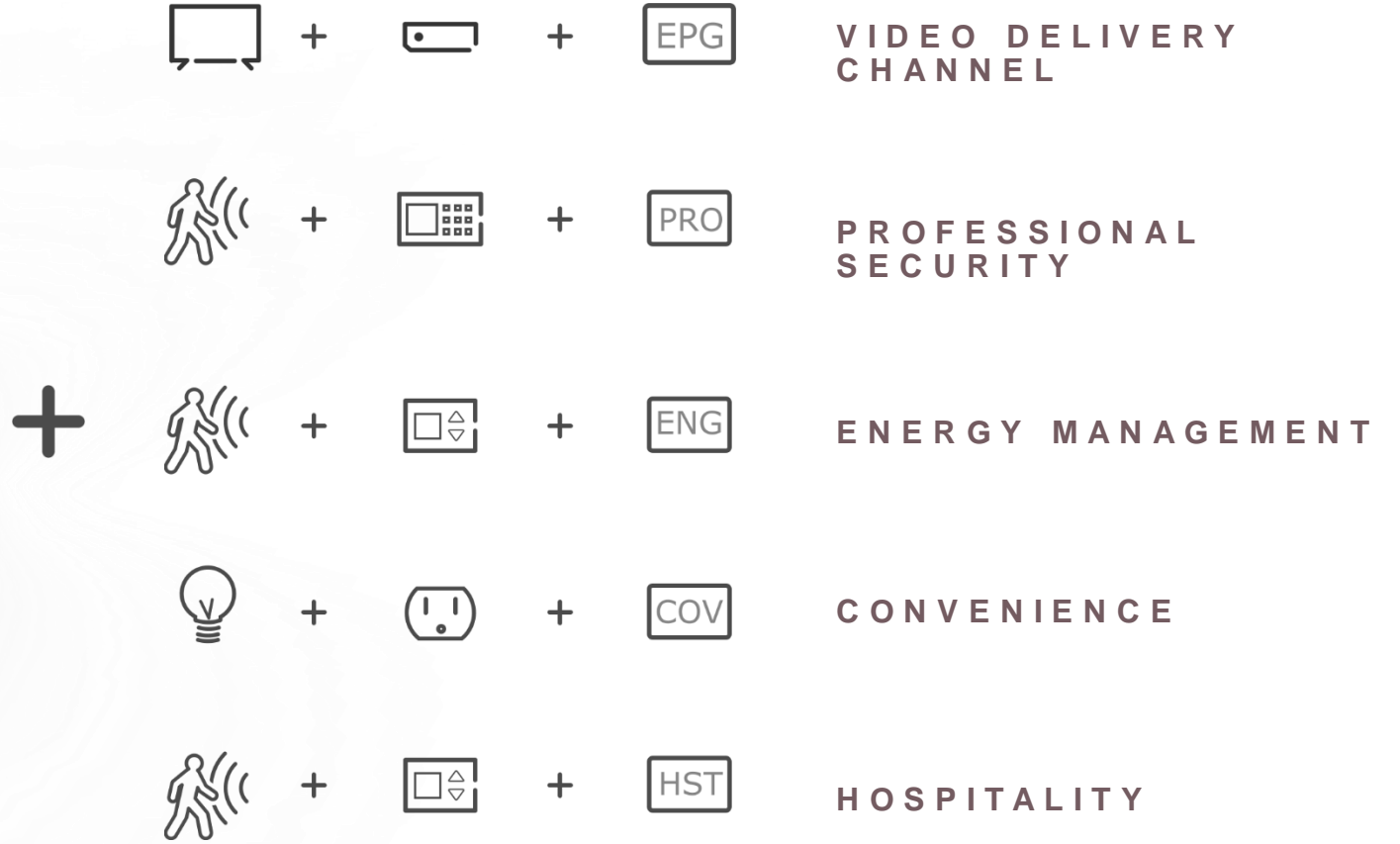
When combined with QuickSet it is enhanced with the knowledge of existing devices at home including real-time access to secure remote troubleshooting features



Home security with voice interface



Customize Nevo Butler for your application



Thank you!

