



PIXIE PLUS Technical System Overview

Connected Smart Homes, Apartments, Hotel Rooms

- Bluetooth mesh for in-home control
- No WiFi needed in-home for full control (except voice)
- PIXIE Gateway provides internet connectivity and access to voice assistant services. (e.g. Amazon Echo)



Voice integration achieved via the internet when PIXIE PLUS ACCOUNT is linked to vendors service.



PIXIE PLUS App provides out of home control via the internet when PIXIE Gateway installed.

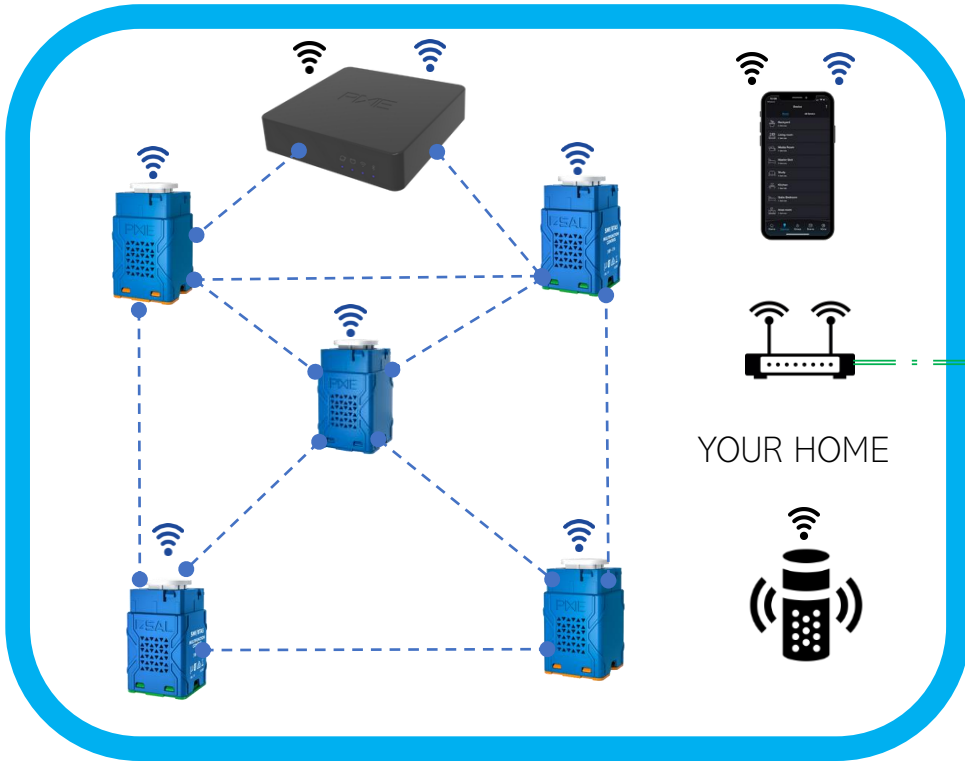
PIXIE PLUS Account stores a record of all PIXIE Homes, user authorisations, PIXIE Gateways, voice assistant's links, schedules, devices and configurations.

A 'Home' is associated with an Account and is both a physical location and a virtual collection of devices, groups, scenes, names, schedules and a PIXIE Gateway link.

A PIXIE Gateway is linked to one PIXIE Home, retains all PIXIE Home information locally and manages the secure bridge between the internet and Bluetooth mesh in-home, time clock and communication between PIXIE Home and PIXIE PLUS Account.

PIXIE PLUS App used for Account creation and management, system control and setup: device discovery, naming, grouping, scene creation; firmware updates, schedule creation and editing, user auth.

PIXIE Devices store schedules and configuration: groups, scenes and in-home physical control of electrical loads.



- PIXIE BT Mesh
- In-home WiFi



If a homeowner loses their phone or the PIXIE Gateway is broken, simply install and connect a new PIXIE Gateway and install the PIXIE PLUS App on the new device for complete control restoration.