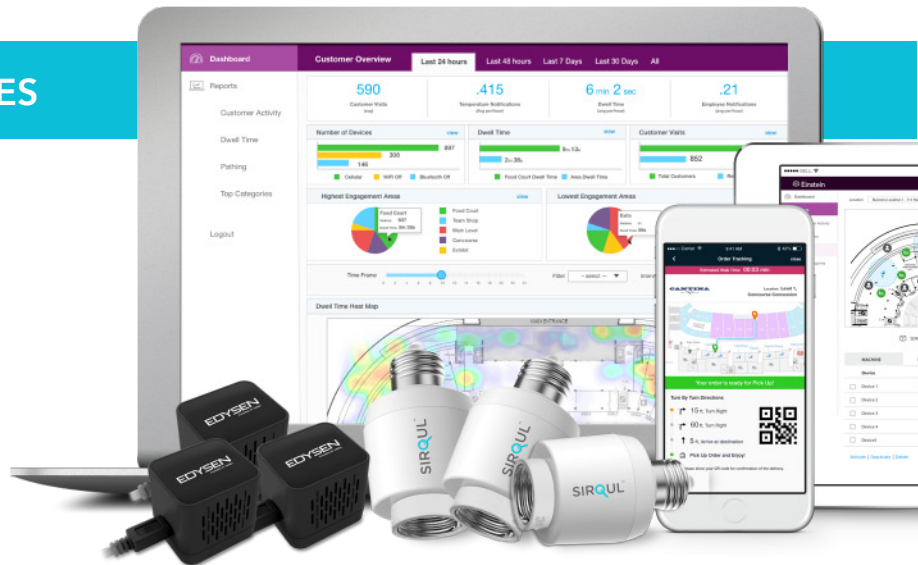


Transforming Buildings & Spaces into Smart Experiences

Edysen creates an intelligent, connected environment with smart mesh, delivering physical and digital interactive experiences to customers, guests and staff. Implementations range from corporate to retail to entertainment venues to smart parking and more.

DELIVER ENGAGING EXPERIENCES

Detecting the precise location of movements down to the foot can happen without an app or beacons. Edysen devices are like super computers with an Android OS enabling computing at the edge or in the cloud. With this kind of power, Edysen can detect the “who” and deliver personalized experiences to nearby digital displays, kiosks, tablets, mobile phones, wearables, and other IoT connected devices.



Benefits

- White-Label, Turnkey Solution
- Track Outdoor/Indoor Guest Journey
- Improve Safety & Security
- Personalize Consumer Interactions
- Lift Employee Productivity & Engagement
- Improve Venue & Operational Efficiencies
- Drive Revenue Every Square Foot
- Integrate with Existing Systems

EDYSEN Smart Devices

EDYSEN SMART MESH DEVICES WITH EDGE COMPUTING

Sirqul’s Edysen devices with patented smart mesh technology “Playfield” enables any building or outdoor space to instantly triangulate and provide path analytics, heatmaps, dwell times, space utilization, turn-by-turn navigation, customized content, environment automation, Wi-Fi access, and triggerable notifications. As a next-generation set of devices, Edysen is remotely managed with Over-the-Air (OTA) updates and supports cross protocol translation: Wi-Fi, Bluetooth, BLE, 3G/4G, and more. Edysen comes in two form factors – a cube and light socket adapter – making it easy to retrofit existing spaces or add into new buildings.

TRACK, ANALYZE, AND ACT

- 1. Tracks movements and behaviors:** Edysen passively detects Wi-Fi and Bluetooth signals from devices to anonymously detect location and provide business insights on movements and behavior.
- 2. Visualize behaviors and view custom reports/queries:** Analyze data on visit duration, new vs. repeat, zones visited, path analytics, dwell time, and cross-correlate to discover meaningful insights. Easily feed in 3rd party APIs to further manage identities, behaviors, and impact on business-making decisions.
- 3. Take action:** Insights gathered can orchestrate actions in real-time autonomously or with programmable triggers such as alerting staff to help a guest, sending a personalized offer to a customer, deploying security when an unknown device is detected, altering product/asset placements, and adjusting HVAC, climate or lighting settings for optimal energy savings and comfort.

SMART EDGE COMPUTING DEVICE FAMILY



Edysen – Retrofit Light Socket

Android OS firmware support: 6.0 Marshmallow
 CPU: Rockchip RK3229
 Memory: (eMCP): MCP - 1 GB LPDDR3 + 8GB eMMC
 WiFi/BT: IEEE 802.11 b/g/n and BT4.1 (BR/EDR + BLE)
 MFI IC: Authentication Coprocessor
 PMIC: Power management IC devices
 Power: Edison 26/27 bulb base
 Bulb Compatibility: Incandescent and Halogens. Dimmable LEDs and CFLs.
 Wi-Fi and BT/BLE monitoring mode for passive tracking (no app required)



Edysen – Cube

Android OS firmware: 6.0 Marshmallow
 CPU: Rockchip RK3229
 Memory: (eMCP): MCP - 1 GB LPDDR3 + 8GB eMMC
 WiFi/BT: IEEE 802.11 b/g/n and BT4.1 (BR/EDR + BLE)
 MFI IC: Authentication Coprocessor
 PMIC: Power management IC devices
 Power: USB to AC adapter, USB to Battery pack
 N/A
 Wi-Fi and BT/BLE monitoring mode for passive tracking (no app required)