



IoT within Reach

Bluetooth Beacon Messaging • BLE Activity Sensing • Real-Time Data Reporting

Piper Beacon Technology for Multi Factor Authentication

Piper Networks' proximity-based Multi Factor Authentication (MFA) uses Bluetooth Low Energy (BLE) Beacons to help hospitals, police departments, and other enterprises enhance security procedures by limiting access to restricted computers and information. Users carrying the beacons are recognized by the computers, allowing for one of the authentication steps to occur without the need to swipe or scan security cards. Once the user leaves the workstation their session will be logged out automatically and will remain so until re-authentication of the next user.

Features & Benefits for Enterprises

- Passively restrict access to sensitive information.
- Available BLE/RFID configuration eliminates need for multiple cards.
- Improve workflow by decreasing authentication time.
- Ideal for shared workstations by providing quicker user switching.
- Cost-effective, easily deployed and works with existing infrastructure.
- Easy-to-use online CMS that can be tied to active directories.
- Manage permissions roles for individual users and groups in real-time.
- Receive notifications of suspicious activity or failed login attempts.
- Customized reports to assess who, when, where & for how long someone accessed the computer.



*Bluetooth BLE Beacon & RFID in same card.
Credit Card Form Factor.
Enhanced Security with Piper's Custom BLE Signals.*

In addition to security, when the beacons are coupled with Piper's real-time BLE sensing Gateways, you can track crowd movements, better anticipate your employees' needs, and even save on utilities. Powerful analytics tools make data collection effortless and Piper's mapping services create meaningful information that improves operational efficiency and helps businesses make better decisions.



Benefits of the Piper Platform

Piper Networks provides cost-effective location awareness solutions using an adaptable, multipurpose platform and proximity hardware, like iBeacons. Piper also develops custom mobile apps for any enterprise need and integrates with existing applications and infrastructure, like Cisco Meraki Access Points, to help customers engage their audience, collect valuable data in real-time and make better business decisions.

- Comprehensive, multipurpose platform that's adaptable to any location-aware enterprise requirement.
- Real-Time asset tracking and data capturing to improve operational efficiencies through actionable insights.
- Easy-to-manage, proximity-based iBeacon messaging for engaging customers, employees & private groups.
- Low cost, customizable devices and applications.
- Advanced SDK's to integrate with existing mobile applications or the ability to build cost effective, custom skinned apps. Open API's to integrate existing or third party software.
- Variety of products including beacons, wearables, environmental sensors & BLE activity sensing Gateways.



About Piper Networks

Piper Networks is an IoT solutions provider headquartered in San Diego, CA that specializes in proximity technology. They were one of the first companies to pursue BLE Beacon technology over 3 years ago and have since produced many first-to-market solutions for clients like McDonald's, Nissan & MTA (NYC Transit Authority). They are unique in that their multipurpose platform combines many of their competitor's single-point solutions into one easy-to-use system that covers both sides of the proximity equation; smartphone beacon messaging & real-time asset tracking.



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