Wireless Device Detection and Positioning for Security-Conscious Facilities

Indoor spaces are more vulnerable than ever. With the IoT revolution and widespread adoption of bring your own device (BYOD), organizations are faced with the challenge of protecting their indoor spaces, personnel, intellectual property, sensitive information, and more, amidst an increasing diversity of attack vectors.

Traditional security tools aren't sufficient in this evolved landscape. Organizations require a solution that bridges the gap between physical and digital security and provides capabilities at the intersection of both disciplines. This is where Inpixon can help.

Inpixon Aware scans and analyzes your indoor space so you can visualize critical information on a map of your indoor space. By providing device visibility and location context, organizations can harness the power of indoor data to create actionable indoor intelligence.

Inpixon AWARE

See the Unseen

Inpixon Aware is a wireless device detection and indoor positioning solution that creates situational awareness of your radio frequency (RF) environment. The solution uses Inpixon sensors to passively track the location and movements of Wi-Fi, BLE, and cellular devices - both on and off network, for enhanced visibility of devices within your premises. Inpixon Aware bridges the gap between physical and cyber security so you can make smarter, more informed decisions around security, risk mitigation and public safety.

Key Benefits

Visualize your Wireless Environment

Locate and visualize the movement of Wi-Fi, Bluetooth/BLE, and cellular devices in the context of a map - phones, smartwatches, IoT devices, data exfiltration tools, and more.

Detect Rogue and Unauthorized Devices

Register authorized devices and get alerted when a rogue or unauthorized device or access point enters the environment. The Inpixon Aware dashboard and color-coded icons puts key information at your fingertips.

Enforce No-Phone Zones

Monitor a particular room to detect wireless signals. Optionally, use geofences to allow phones in certain areas, and trigger security alerts when devices enter/leave more sensitive designated zones.

Investigate Incidents

Go back in time. Use the DVR-like playback feature to view historical locations and movements of devices and assets throughout your premises.

Trigger MDM Policies

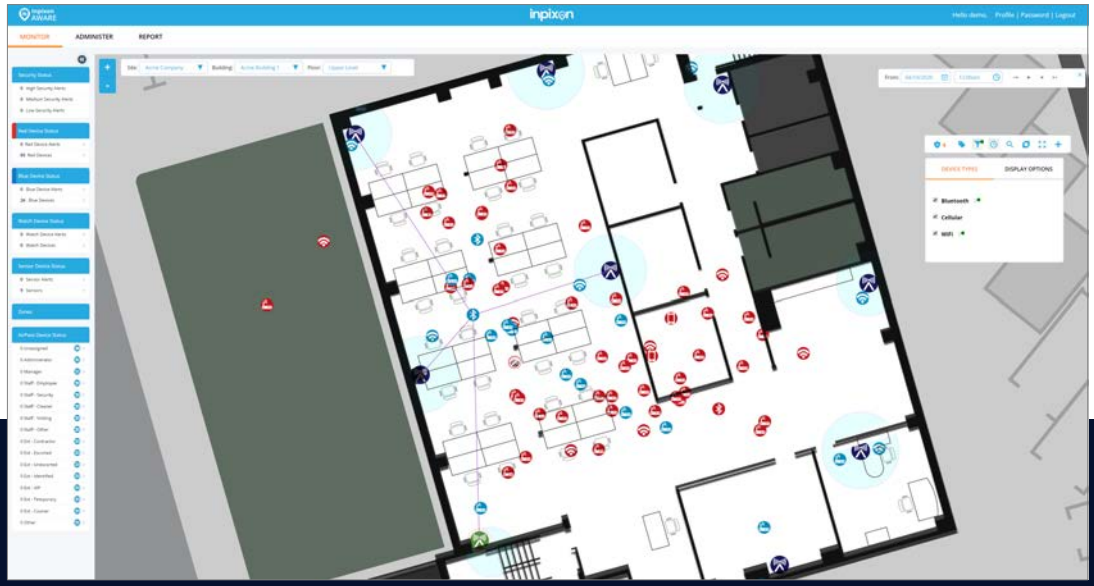
Automatically push new security policies to a phone based on it's location via the optional Inpixon MDM Connector. Disable risky features (e.g., recording, transmission, etc.) in high-security zones.

Secure your Space while Improving Operations

Embrace BYOD and IoT while maintaining high levels of security, control, and compliance. Prevent security breaches, eavesdropping, and IP loss from devices that bypass traditional data security controls. Experience 24/7/365 monitoring, fewer manual sweeps and fewer false positives.

Get a Clear Picture of your RF Environment

Inpixon Aware gives you the tools to quickly identify and respond to device-based threats



- **Wi-Fi, Bluetooth, and Cellular Device Visibility**
  Detect, locate, and monitor active Wi-Fi, BLE/Bluetooth and cellular devices and equipment, and view them on a map. View Wi-Fi client connections and Bluetooth device pairings. Device icons reflect technology type.
- **24 x 7 x 365 with Historical Playback for Forensics**
  Experience continuous monitoring of your premises, unlike manual sweeps or mantrap/portal-mounted sensors. Investigate incidents with the DVR-like playback feature.
- **Zone-Based Policies and Alerts**
  Receive alerts when unauthorized or rogue devices enter high, medium, or low security zones - via email or dashboard. Optionally, leverage the Inpixon MDM Connector & automatically change phone settings upon entry/exit of predefined zones.
- **Color-Code Trusted vs. Untrusted Devices**
  Easily differentiate between authorized and unauthorized wireless activity.
- **Critical Information at a Glance**
  Instantly see key information about your environment including device counts by type, statuses, alerts, watched devices, and more.
- **Density Heatmap**
  Visualize device density with customizable heat map views.
- **Open Platform**
  Open architecture and APIs deliver versatility and investment protection.
- **Enterprise Class, Government Grade**
  Built to support large organizations with multiple sites, buildings, floors and zones, Inpixon Aware delivers wireless situational awareness and security in some of the most demanding and secure environments in the world.

Extend Your Solution for Enhanced Visibility and Control

Boost the capabilities of your solution with:

Inpixon MDM Connector
Control and enforce security restrictions (e.g., disable camera) to mobile devices based on their location with Inpixon's MDM Connector.

Inpixon Aware Core Insights
Access enhanced security analytics reports with Inpixon Aware Core Insights. Reports are generated based on Inpixon Aware log entries to deliver additional insight.

> Inpixon has developed a solution set that encompasses the most thorough coverage across all wireless technologies for the detection and locationing of wireless devices, and is the only solution in the market that provides for a single platform for nearly all wireless frequencies and protocols detection.
>
> *- Inpixon Integration Partner, 5 years*

Wireless Device Types Detected

Detects and positions nearly any device broadcasting Wi-Fi, Bluetooth or cellular, including:

- Cell phones (smart and feature phones)
- Smart watches
- Tablets
- Access Points
- Laptops
- Desktop computers
- Common IoT Devices
- Known Wi-Fi clients connecting to rogue access points
- Rogue Wi-Fi clients connecting to known access points
- Wi-Fi clients on Ad-Hoc networks
- Pairings between Bluetooth devices
- Wireless Keyboards & Mice
- Printers
- Wi-Fi Enabled Cameras
- Wi-Fi cards
- Mi-Fi devices
- Smart TVs
- Medical devices
- Smart Video intercoms
- Smart Thermostats and building system sensors
- And more

LET'S TALK ABOUT YOUR GOALS

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About Inpixon

Inpixon is an Indoor Intelligence™ company that specializes in capturing, interpreting and giving context to indoor data so it can be translated into actionable intelligence. The company's indoor location and data platform ingests diverse data from IoT, third-party and proprietary sensors. Paired with a high-performance data analytics engine, patented algorithms, and advanced mapping technology, Inpixon's solutions are leveraged by a multitude of industries to do good with indoor data. The multidisciplinary depiction of indoor data enables users to increase revenue, decrease costs and enhance safety.

Inpixon AWARE