



Indoor Positioning Analytics

Unlocking business value and opportunity
with location intelligence

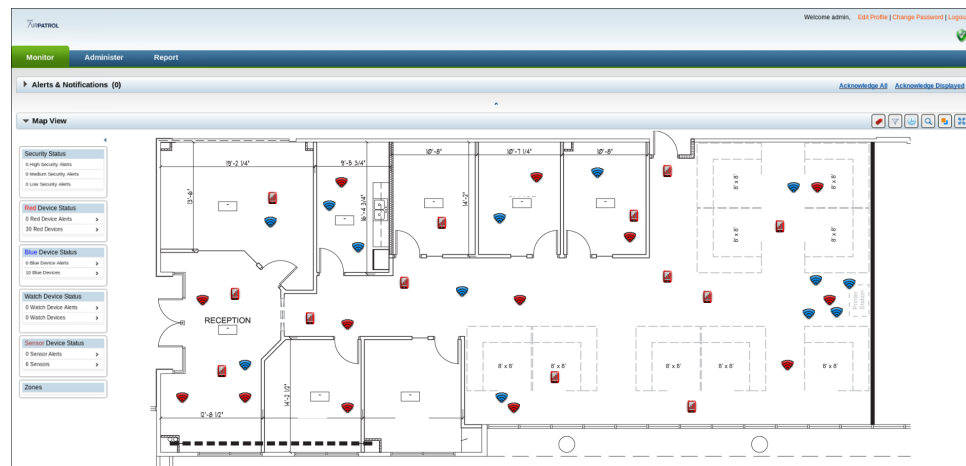


Positioning is Everything

In an era of unprecedented mobility, determining position and understanding motion plays a larger role than ever. For both physical security and business intelligence, real-time positioning and data analytics reveals a world of powerful new insights and abilities never before possible.

With position, businesses can cut costs, improve operations, and better capitalize on new opportunities. Inpixon Indoor Positioning Analytics (IPA) is the first indoor positioning solution and data analytics suite to deliver simultaneous locating, tracking and analysis for virtually any and every mobile device and asset—all from a single platform.

Accurate Positioning and Intelligent Analytics



By unifying cellular, Wi-Fi, Bluetooth and AirPass™ asset location into a single, vendor-neutral platform, Inpixon IPA provides a whole new view and level of control over your environment. Inpixon IPA's patented location engine technology provides live updates of both moving and stationary assets on real floor plans with the ability to see a whole building or floor, or zoom all the way down to the corner of a room with precision location accuracy.

Indoor Positioning Analytics Benefits

- Simplifies management by providing a single, vendor-neutral platform for locating and tracking all cellular, Wi-Fi, and Bluetooth devices in an area
- Delivers a world of new insights with analysis & reporting based on all wireless assets, not a select few
- Drives revenue with more accurate footfall and flow analysis in buildings and storefronts
- Improves safety and security by locating unauthorized devices and enforcing “no cellphone” policies
- Eliminates inefficiencies by locating assets quickly and allowing re-staging more efficiently
- Reduces equipment loss due to theft and misuse while improving maintenance cycle efficiency
- Improves customer satisfaction by reducing visitor wait times while staffing to match demand

Indoor Positioning Analytics Features

Patented Locating Technology Platform

Inpixon IPA platform uses a patented combination of passive sensors and software to provide precision location in near real time. The discrete sensors can be placed high on walls or above ceiling panels to provide precision location over large areas with far fewer sensors than other technologies.

Locates Cellular, Wi-Fi, & Bluetooth

Inpixon IPA provides simultaneous locating and monitoring of virtually any and every cellular, Wi-Fi, and Bluetooth device from a single dashboard. This includes cellular phones and devices, tablets, laptops, Wi-Fi tags and devices, and Bluetooth-capable assets, regardless of vendor, make or manufacturer.

Real Time Position and Monitoring

Rather than periodic monitoring which may update location every minute or so, Inpixon IPA provides continuous monitoring and real-time location updates as frequently as every few seconds. Continuous monitoring not only makes it easier to find the asset at that moment, but delivers a deep trove of historical information about its journey through the facility.

Distinguish Trusted from Untrusted Devices

Inpixon IPA delivers the ability to monitor every device within a facility and color-code and distinguish between those that are “trusted” (e.g., an employee’s phone, company ID badge, asset tag, Wi-Fi device, etc.) and “untrusted” (customers, contractors, guests, unauthorized visitors, etc.).

Zone-Based Policies and Alerts

Enact and enforce “no cellphone,” “no exit” and similar safety and security zones in areas as small as a hallway or room. Replace old paging and phone alert systems with a real-time dashboard, and SMS and email alerts delivered to the right personnel based on alert type, location and role.

DVR Recording & Playback

Inpixon IPA offers forensics capabilities with DVR-like playback of events. Curious about where certain assets were when an event occurred? Rewind the dashboard record back minutes, hours, days, or even years, and replay, analyze and share the whole sequence.

Detailed Reporting and Analytics

Choose Inpixon IPA’s standard activity and log reports, or go deeper with Inpixon Insights. Inpixon Insights can perform detailed comparisons of activity by monitored zone and device type, provide flow mapping across zones, reveal relationships between areas, predict future activity, and much more.

Integrate with Other Systems

The Inpixon IPA platform offers APIs that let other information systems connect to it and acquire real-time location information. From mobile device managers and cybersecurity tools to EMRs, HR systems and location-based marketing apps, Inpixon IPA can help deliver powerful new insights and abilities via precision location.





Inpixon Indoor Positioning Analytics Solutions

Safety and Security

Originally developed as a security platform, Inpixon Indoor Positioning Analytics (IPA), detects and locates mobile devices in real-time, regardless of type or manufacturer. This provides complete situational awareness of all devices operating in a monitored area. Inpixon IPA Includes zone-based alerts and policy controls. With this level of control, it is easier than ever to enforce “no cellphone zones,” trigger location based network and data security policies and provide full forensic reporting.



Government

Inpixon IPA provides mobile device detection, locationing and monitoring for government agencies, military installations and high security facilities around the globe. Because it detects and tracks all cellular, Wi-Fi and Bluetooth devices, Inpixon IPA is used to identify and set security policies for employees, monitor visitors in secure areas, and alert security when “rogue” devices are present and/or in unauthorized areas.



Retail / Property Management

Traditional footfall counters and Wi-Fi-only systems can't provide the depth of visitor analysis and facilities usage Inpixon IPA can. Because nearly everyone carries a mobile device, Inpixon IPA delivers retailers and property managers unparalleled accuracy with important metrics like visitor counts, dwell time, and journey. Inpixon IPA provides insight into inventory and asset staging and management as well as location-based staffing levels.



Manufacturing & Supply Chain Management

Inpixon IPA combines operational safety and security with inventory and human resources management for manufacturing floors, warehouses, and industrial facilities. Prevent IP loss and enhance safety by enforcing “no cellphone” or wireless device zones, manage workgroups as well as lone workers. Track equipment and assets to improve operations and efficiencies and cut losses.



Healthcare

Hospitals, long-term care, and other healthcare facilities use Inpixon IPA to track staff, patients, assets and visitors. Because Inpixon IPA provides precision location of all cellular, Wi-Fi, and Bluetooth devices within a facility, healthcare facilities operators have complete situational awareness of “who,” “what,” “where,” and “when.” Our solution improves care delivery and patient and staff safety and security, while cutting costs and increasing efficiencies.



Corrections & Law Enforcement

Contraband cellphones and wireless devices are major security issues for law enforcement and corrections officers. Inpixon IPA not only detects and locates cellular, Wi-Fi, and Bluetooth devices within facilities, but can also distinguish between devices carried by employees versus unauthorized devices operating in the facility. Real time dashboards flag the rogue devices and alerts let guards see exactly where these devices are hidden reducing security risks for both staff and inmates.



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