Wi-Fi Presence Analytics and Customer Engagement Solution

Fortinet’s FortiPresence provides for presence and positioning analytics leveraging the existing onsite Fortinet access points to detect each visitor’s smartphone Wi-Fi signal. FortiPresence users can gain insight into the behaviors of visitors within their site both in real time and across time periods. Analytical data from FortiPresence can be used to increase business efficiencies, improve visitor experiences, and positively impact the business’ bottom line.

Presence and Positioning Analytics
Real-time location trends, total visitors, time spent at a location, comparison across areas, and heat maps with animated flows.

Customer Engagement Tools
Social Wi-Fi access, bounce rates, visitor contact and demographic info, and related services.

Highlights
- Available as a hosted cloud-based service or as customer-installed virtual machines
- Leverages location data from any of Fortinet’s wireless management solutions: FortiGate or FortiAP Cloud
- Provides data needed to understand visitor traffic and influence or improve their onsite experience
- Includes analytics, heat maps, and reporting across one week of stored data for free, or subscribe to enable one year of data storage for better analysis
HIGHLIGHTS

Fortinet Presence Analytics can add value to almost any deployment.

How it works
1. Smartphone emits a Wi-Fi probe signal, even if it is in the visitor's pocket and not connected to the Wi-Fi network.
2. FortiAP or FortiWi-Fi captures the MAC address and signal strength information from the smartphone.
3. FortiPresence service receives data.
4. FortiPresence analytics engine processes and correlates the data.
5. Data is displayed in the analytics dashboard in an actionable format.

Malls
- Which stores are popular?
- How long do people spend in the mall?
- What are the movement patterns of people in the mall?
- Is the difference in rent due to foot traffic of the location justified?
- How many people are visiting more than one store?

Inside stores
- Which aisle cap or department gets more foot traffic?
- How long do customers stay and how many are repeat customers?
- What is the ROI on the marketing dollars that are being spent?

Hospitals
- Monitor patient movement
- Monitor visitor movements to improve signage and navigation

Hotel
- Welcome back to hotel each evening
- Track foot traffic to various areas to improve use and flow

Theme Parks
- Determine popular areas in real time to control mobile sales carts
- Determine less popular areas to raise visibility using signage
- Collect contact info including date of visit for marketing campaigns

Airport
- Which stores are popular?
- How long do people spend in the airport?
- What are the movement patterns of people through the terminals?
FEATURES

Example screen shots highlighting statistical data results, new vs. repeat visitors, and real-time visitor location heat map.

FortiPresence provides analytics for:

**Presence Analytics**
- Total visitor traffic
- Dwell time duration
- Real time visit capture rate
- Repeat visits, and visit duration
- Comparison between areas

**Heat Maps and Traffic Flow**
- Foot traffic analysis
- Real-time animated heat maps
- Visitor density

**Social Wi-Fi**
Offer captive portal-based Wi-Fi access to enable:
- Captive portal with Social Wi-Fi
- Facebook Google+ login
- Social Wi-Fi administration, testing, and reporting
- Logo, Terms and Conditions, and opt-in customization (opt-out and MAC randomization supported for GDPR compliance)
- Name collection
- Data controlled and owned by customer

**Reporting**
Generate reports across data collected:
- Report generation
- Raw data downloadable for further analysis
- Schedule reports to run at regular intervals
ORDER INFORMATION

FortiPresence is available either as a hosted cloud solution or as virtual machines for private installation. The hosted cloud solution features yearly subscriptions and has two tiers of service. The VM version has a base VM SKU and perpetual licenses.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Free Tier</th>
<th>Paid Tier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presence Analytics</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>Heatmaps / Traffic Flow</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>Number of Sites</td>
<td>5 maximum</td>
<td>Unlimited</td>
</tr>
<tr>
<td>Social Wi-Fi with Captive Portal</td>
<td>500 concurrent</td>
<td>Unlimited</td>
</tr>
<tr>
<td>Reporting</td>
<td>Site only</td>
<td>Site or deployment wide</td>
</tr>
<tr>
<td>Data Store</td>
<td>7 days (all accounts)</td>
<td>1 year</td>
</tr>
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The following SKUs are available.

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<thead>
<tr>
<th>Product</th>
<th>SKU</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>FortiPresence FAP Cloud License</td>
<td>FC-10-FPCLD-169-02-DD</td>
<td>FortiPresence Cloud annual subscription license. Includes advanced features and 1 year rolling Data Retention. Per-AP license.</td>
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<tr>
<td></td>
<td>LIC-FPA-AP</td>
<td>Per-AP perpetual license for FortiPresence-VM.</td>
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<td></td>
<td>LIC-FPA-AP-50</td>
<td>50 AP perpetual licenses for FortiPresence-VM.</td>
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<td>LIC-FPA-AP-250</td>
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<tr>
<td></td>
<td>LIC-FPA-AP-1000</td>
<td>1000 perpetual licenses for FortiPresence-VM.</td>
</tr>
</tbody>
</table>

Note. Hardware and Software recommendations when running the VM version of FortiPresence can be found here: https://docs.fortinet.com/document/fortipresence-vm/latest/administration-guide/222886/recommended-hardware-and-software