Optimize Workspace Utilization with Rifiniti and Mist

Organizations are increasingly capitalizing on analytics to gain a competitive advantage. By optimizing the assignment and usage of precious resources like conference rooms, for example, companies of all sizes can save substantial time and money while maximizing employee productivity.

Mist partnered with Rifiniti to take workplace analytics and resource scheduling to a new level. By combining the powerful insights and flexibility of Rifiniti Optimo analytics and Reserv resource scheduling with Mist’s leading wireless platform for Bluetooth Low Energy (BLE) location services, the two companies maximize resource efficiency with the highest level of accuracy, while increasing employee satisfaction through personalized services.

Rifiniti Optimo™ Workplace Analytics and Reserv™ Resource Scheduling

Businesses grow when employees are engaged, work, and collaborate in spaces that meet their evolving needs. To enable real estate leaders to optimize their office space and maximize employee productivity, Rifiniti Optimo monitors millions of square feet around the world every day, providing granular analytics on a range of key performance indicators (KPIs).

Companies employ Optimo Software-as-a-Service (SaaS) to measure space utilization, employee mobility and total cost of occupancy at any scale: region, city, campus, building, floor, room or department. Rifiniti’s sophisticated data science and machine-learning algorithms are what distinguish reliable results from manual, error-prone data crunching. By processing data readily available from existing infrastructure, Optimo uncovers the rich insights customers need to surface strategic and operational opportunities.

Optimo delivers:

- Statistically accurate utilization as opposed to mere “attendance.”
- Analytics based on multiple data sources as opposed to a single source.
- Multiple scales of analysis, not just building level summaries.
- Data, rigorously managed to protect employee privacy.

Rifiniti Reserv is an innovative and intuitive real-time cloud-based resource scheduling solution made to simplify the often-maddening process of booking meeting rooms, desks, or other resources. Whether the resource is down the hall or across the world, Rifiniti Reserv makes the process of booking it straightforward and swift, from employees desks or their mobile phones. The mobile Rifiniti Reserv App not only books resources, it lets users check in so they always have real-time information on what is in use and what isn’t.

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Mist Location Services

The Mist wireless platform was designed from the ground-up to handle the unique wireless needs of the smart device era. It combines cloud intelligence with on-premise Access Points to simplify wireless operations and deliver high value location services via Wi-Fi and Bluetooth Low energy (BLE). Unique advantages of the Mist BLE solution include:

High accuracy location - Mist offers the best location accuracy with 1-3 meter accuracy and sub-second latency in most environments. Machine learning eliminates the need for BLE site surveys and provides the best user experience.

Virtual beacons - With Mist’s patented vBLE technology, you can deploy an unlimited amount of virtual beacons for proximity messaging with the simple click of a mouse. There is no need to purchase, deploy and manage separate physical beacons with batteries, eliminating headaches and up to 90% of BLE hardware costs.

Proactive insight – The Mist platform tracks what all users are doing for detailed record keeping, asset tracking, and behavior analysis.

Open APIs for easy integration– Mist offers a mobile SDK for iOS and Android with three types of APIs for seamless integration with complementary products, such as applications using Jibestream’s mapping software.

How vBLE Works

1. Mobile device listens to the BLE beacons from the Mist Access Point.
2. Mist SDK sends information to the Mist cloud.
3. Mist cloud sends location and map information to the app and provides real-time updates.
4. Rifinity SDK sends location and map information to Rifinity cloud.
5. Rifinity cloud responds with room scheduling information.
6. Mist and Rifinity clouds share information for location-based analytics.