Cisco Workplace Analytics–CMX and Rifiniti

Benefits

- Reduce facilities capital and operating costs up to 50 percent by accurately identifying space usage.
- Consolidate by region, campus, or building based on actual use of employees.
- Determine which spaces–on a floor-level or room-level–are under- or overused to optimize layout.
- Identify use by employee type–mobile, remote, deskbound–and use group based on user profile.
- Detect this information with unobtrusive and real-time technology that maintains employee privacy and eliminates expensive, point-in-time site surveys.

Get Control of Your Second-Largest Expense

Your facilities costs are second only to employee salaries. For instance, the lease for a single, four-floor building may top US$7 million per year. Yet, do you really know how well you're using your workplace? By better understanding how space is used, you can make decisions that significantly reduce capital and operating expenses.

Traditionally, companies have relied on expensive surveys that offer only a one-time snapshot of where employees sit. Cisco® Workplace Analytics–using Cisco Connected Mobile Experiences and Rifiniti Optimo–is changing that.

Workplace Analytics continually and anonymously tracks employees and the spaces they use. By identifying underused spaces, you can cut costs by consolidating without affecting employee productivity. Using the increased accuracy of Cisco Hyperlocation, you can also determine use of department space. Perhaps your audio privacy rooms are in constant demand and your large conference rooms are not. You can adapt your floorplan to provide spaces that really are used. The solution is always on and never intrusive, so you can continually fine-tune your plans.

Take Advantage of Your Existing IT Infrastructure

Cisco Workplace Analytics uses the technology you already have in place–your Cisco Wi-Fi network and third-party access security systems. Cisco Connected Mobile Experiences, or CMX, uses your Cisco Aironet® wireless network to detect the Wi-Fi signals of employee laptops, tablets, and smartphones. CMX places those devices on a map of your workplace, building an analytic profile of the number of employees, their dwell times, and locations to support floor usage studies.
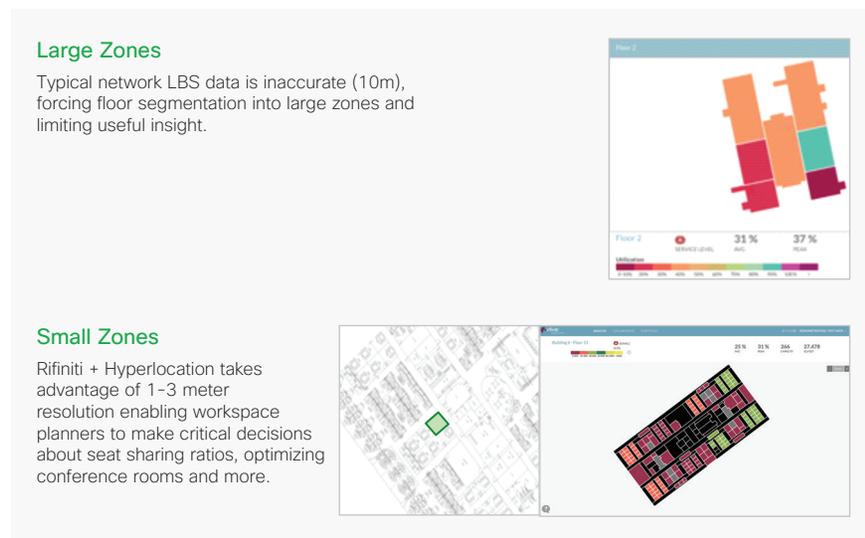
For determining use of department spaces, which require greater accuracy, you can augment your Cisco access points and CMX with our proven Hyperlocation solution to deliver 1- to 3-meter accuracy, depending on deployment.

Through a smooth integration, Rifiniti uses this location information to power its Optimo application. Applying advanced data science and CMX location data, the solution evaluates:

- Average/peak usage vs. seat capacity
- Underused vs. congested spaces—floor and department space management
- Space needed by employee type and workgroup
- Potential co-location and interaction between workgroups

These insights are displayed in easy-to-understand charts and heat maps that help you put analytics into action without an expensive data scientist.

Figure 1. Floor and Department Zone Views

Large Zones

Typical network LBS data is inaccurate (10m), forcing floor segmentation into large zones and limiting useful insight.

Small Zones

Rifiniti + Hyperlocation takes advantage of 1-3 meter resolution enabling workspace planners to make critical decisions about seat sharing ratios, optimizing conference rooms and more.

"With Cisco CMX and Rifiniti, we saved more than US$600 million in CapEx and OpEx over two years."

– Facilities Manager
Global IT Manufacturer

Make the Most of Your Workplace

Invest in the future of your company, not empty space. For more information about Cisco Connected Mobile Experiences and our Hyperlocation Solution, visit. For more on Workplace Analytics visit. For more information about Rifiniti Optimo, visit. Or talk to your Cisco reseller.