space

Analysis of real estate usage and occupancy patterns is now possible using real-time data collected 24/7, 365 days a year, across entire buildings and portfolios.

The Enlighted *Space* Advantage

- Make decisions based on robust occupancy data
- Optimize workspaces
- Reduce real estate expenses
- Avoid unneeded office expansion
- Identify trends signaling the need for expanded workspace

The Enlighted *Space* Application

The Enlighted *Space* application, powered by data collected by Enlighted sensors, enables organizations to understand and optimize their actual building usage, while improving productivity.

Previously, real estate decisions were made with limited data, sometimes relying on expensive research projects with people manually collecting data to capture a snapshot of building usage. This data would quickly become stale, limiting the ability of decision-makers to act on up-to-date information.

The Enlighted IoT platform, together with the *Space* application, digitizes and automates data collection and analysis. The most advanced sensors in the industry collect data continuously, across entire buildings and campuses. Data is analyzed and presented in comprehensive reports.
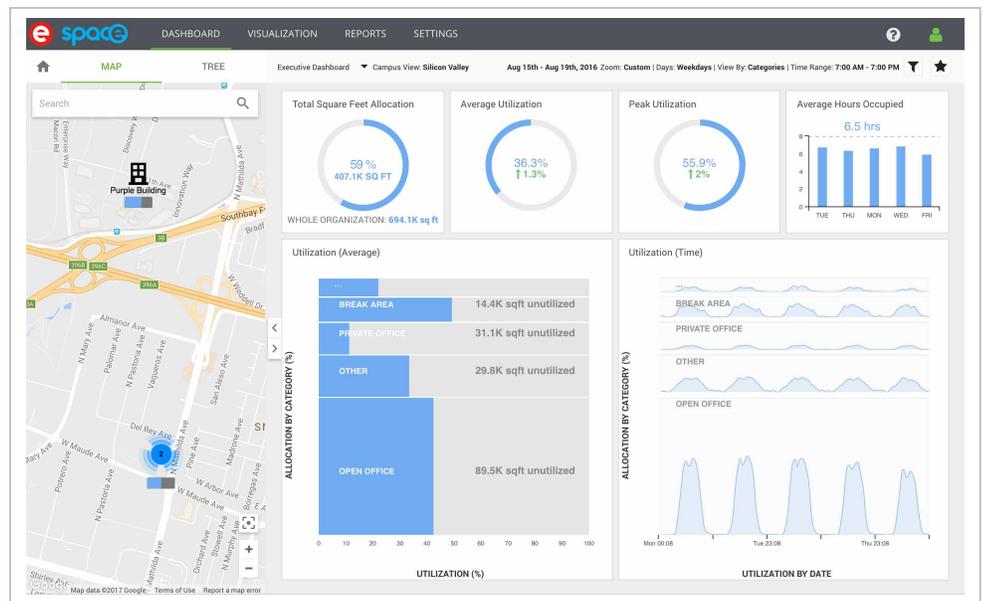

Figure 1. *Space* utilization analytics provide insights using data collected 24/7 across the building.

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How Enlighted *Space* Works

Enlighted smart sensors collect occupancy data, and proprietary tracking algorithms monitor the patterns of motion caused by people walking or staying still. The Enlighted *Space* application then analyzes and reports on occupant density and movement over specified time intervals. Data is displayed in dashboards, charts, and graphs that identify trends in the occupancy rates and space usage, giving building operators unprecedented access to detailed occupancy information and motion patterns in real-time.

Enlighted *Space* also non-intrusively measures usage rates of individual workspaces. It helps building operators flag problems like underutilized or inefficiently used areas, and develop strategies to improve productivity.

Features and Benefits

- Easy to deploy cloud-hosted SaaS-based application with visual maps that can be customized to define workspaces directly on a map.
- Dashboards that visualize key utilization metrics at the portfolio, region, campus, and building levels to quickly identify spaces that are underutilized.
- Detailed occupancy analysis that shows how people utilize configured workspaces on any floor. Data-driven visual analysis of actual movement on a particular floor through aggregation and visualization of "motion trail" patterns.
- Reporting that provides the following: 1) estimates of occupied square footage and costs by department and function 2) vacancy reports detailing the percentage of unoccupied space 3) utilization reports showing low, medium, high workspace utilization. 4) Graphs displaying average and peak utilization in each area of a workspace over time.

The Enlighted IoT Platform

The Enlighted IoT Platform creates Brilliant Buildings™ by deploying cloud-connected sensors, advanced networking, and big data analytics applications. The infrastructure pays for itself through energy savings of up to 70%. Enlighted's dense sensor network of one sensor per light fixture and ceiling-mounted positioning captures the industry's most robust data. This powers Enlighted's solutions for building space management, real-time location services, occupancy-based HVAC, lighting control, and more.

Gain Visibility

- Configurable reporting
- Executive dashboarding
- Visual analysis of actual motion trails
- After-hours activities audits and video forensic support

Improve Problem Areas

- Daily building monitoring
- Comparative benchmarking
- Causal analysis
- A/B testing

Product Codes

SPACE-BS-01: Annual Base Subscription
SPACE-OPT-01: Annual Enterprise

Space Specification

Application: Web-based application