Trusted by the Fortune 500 and many of the world's largest companies, BeamUP leverages a modern data science stack and advanced AI capabilities, to empower enterprises to be more strategic, proactive, and make informed data-driven decisions.
Our platform offers significant cost savings and optimization capabilities around your facilities, physical security and operations.
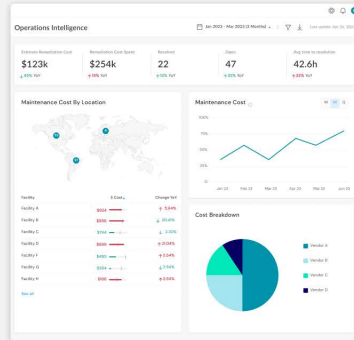
Solution

Asset intelligence
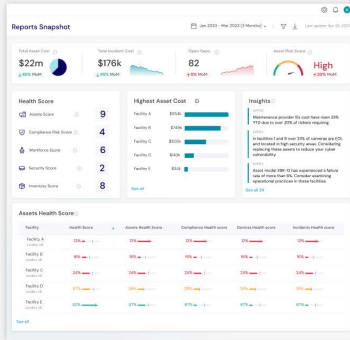
Generate optimized designs of new facilities, automate your budget planning, and provide insights to proactively manage your asset lifecycle.

Operational intelligence

Drive efficiency of maintenance, vendor performance, and energy consumption across all of your portfolio with data-driven trends and insights.

Risk intelligence
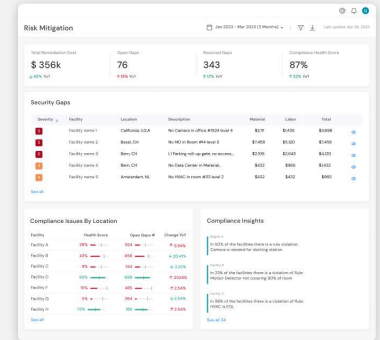
Ensure enterprise wide standardization and compliance, and gain visibility and control to mitigate and reduce your risk.

Platform

| Data Sources	Data Ingestion	Transformation	Insights Generation	Visualization & Exploration:
• 2D & 3D Drawings • System Designs • System Reports • System Logs • Asset Registry • Maintenance Tickets • Workforce shifts • Standards • Incidents • Energy Consumption	• Data Streaming • Cloud Storage Integration • File Transfer Protocols • API Integration		• Generative Design • Anomaly Detection • Risk Detection • Natural Language Data Queries (Q1 2024)	• BeamUP Dashboards • Data export / 3rd party BI tools **Actions:** • Ticket Assignment • In-Platform communication • Notifications

ML Repository Models

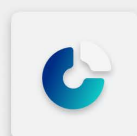GNN   NLP   LLM   Computer Vision   CNN
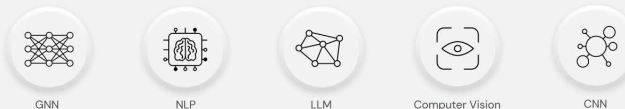
Value

Transition from cost centers to value-driven operations
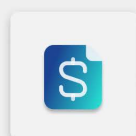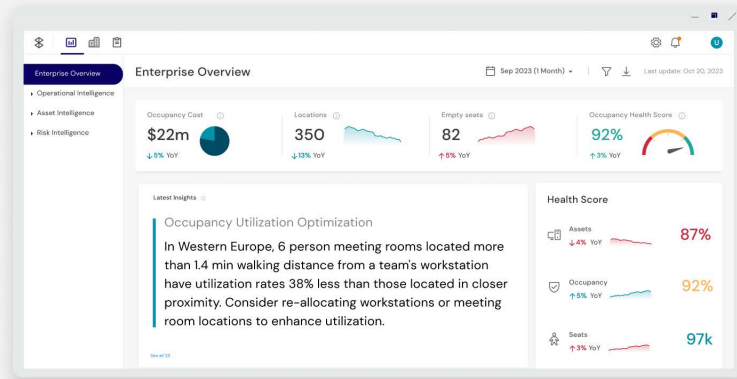

Drive cost efficiency

Make data-driven decisions

Boost leadership confidence

**Key facility intelligence features:** Overview

Insights
Generate valuable AI–generated insights and recommendations, for example, to enhance your understanding of occupancy trends and identify optimization opportunities.

Assets and Devices
Assess asset health and performance, identify vulnerabilities such as outdated firmware and end–of–life devices, automatically generate budgets and prioritize remediation based on risk.
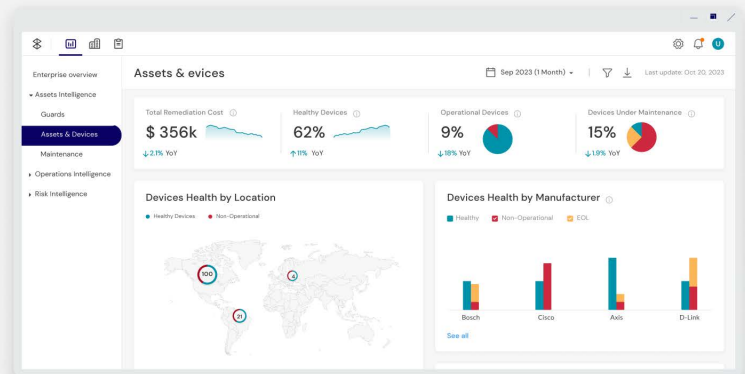
Maintenance
Leverage asset and maintenance data analysis to refine upkeep strategies, evaluate vendor performance, and pinpoint risks and opportunities for enhancements, utilizing customized AI recommendations.

BEAMUP
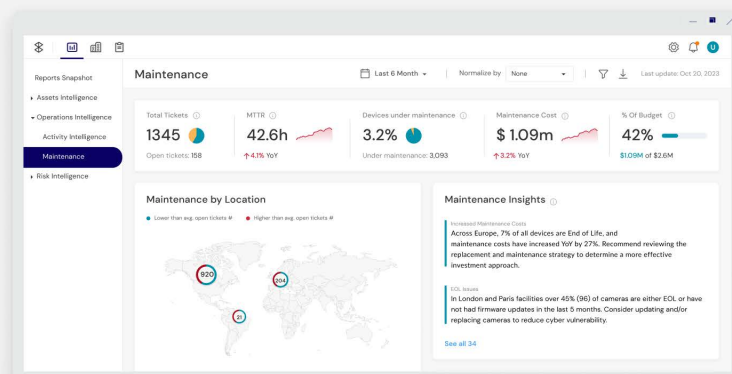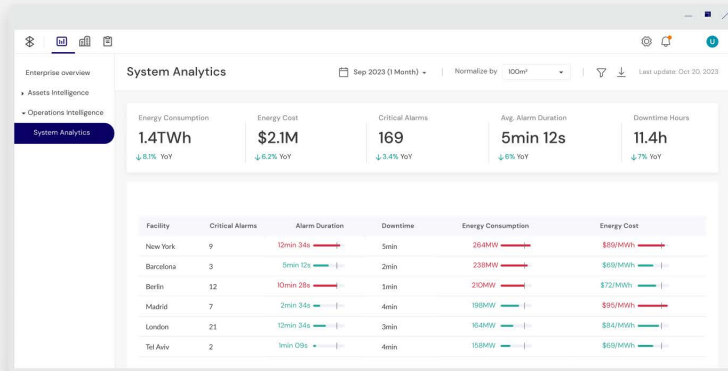
System Analytics

Analyze system data such as logs, alarms and energy consumption to benchmark and assess operational performance and identify anomalies and risks to proactively take actions to improve your operations.

Compliance

Automate the evaluation of compliance across all facilities to ensure robust adherence to standards and regulations, and leverage AI recommendations to proactively implement risk mitigation measures.
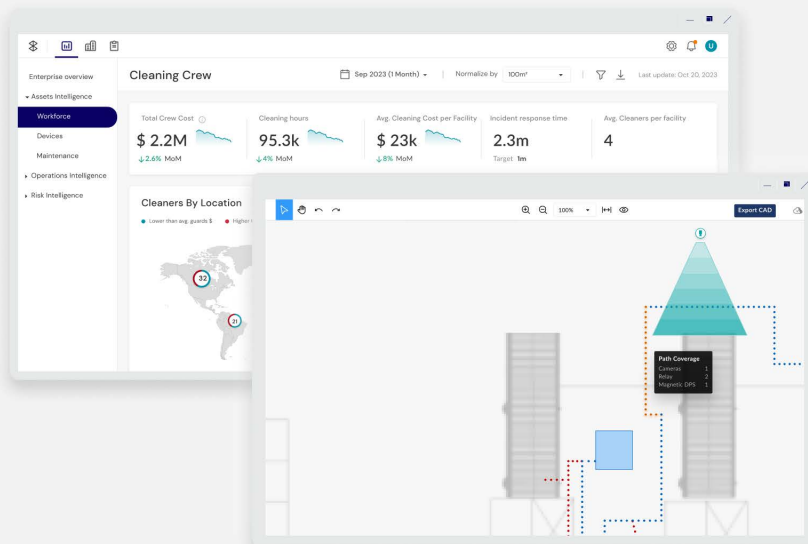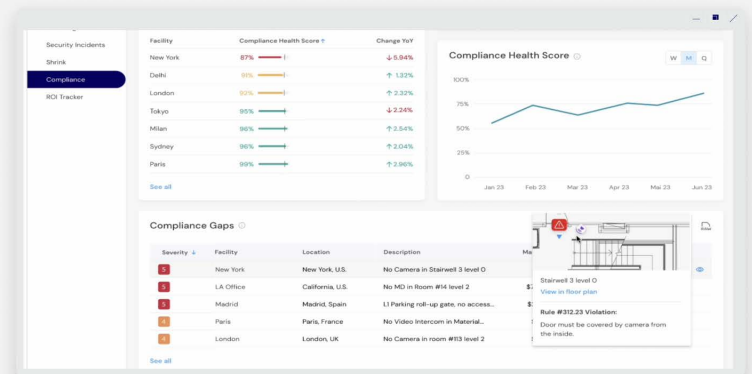
Workforce

Benchmark, visualize and evaluate your workforce, such as guarding and cleaning crew performance, based on facility characteristics, walking distances, and other factors to optimizing staffing levels to prevent both under and over–staffing situations.
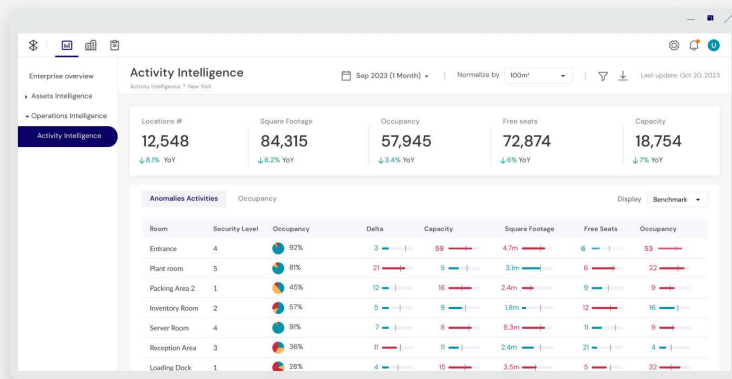
Occupancy Analytics

Comprehensively analyze occupancy data, including meeting room and workspace capacity, square footage, asset locations, and usage patterns, to benchmark and optimize occupancy efficiency.

Digital Informational Models

BeamUP's Informational Models provide a visual representation of facility data including spaces, assets and equipment, as well as occupancy heatmaps. Dive deep into your data to visualize your assets, understand trends, identify issues and empower your local teams to make informed decisions.
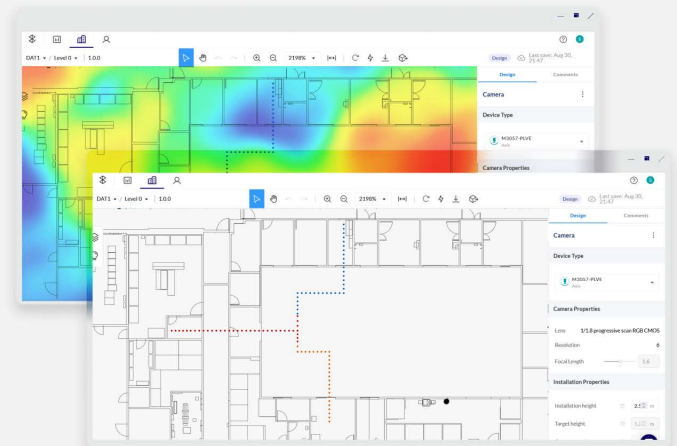
Generative Design

BeamUP's generative design capabilities streamline the process for new site designs and refurbishments, enabling faster delivery and cost savings. Leveraging historical data as well as standards and specifications, it facilitates generative design for new facilities and seamless moves and changes for existing ones, enhancing operational efficiency and agility.

Summary

In summary, BeamUP provides an extensive array of features and solutions designed to empower both decision-makers and local teams to see and understand what is happening across their facilities. Through data insights, leaders gain the ability to proactively address, predict, and respond to risks, enhance operational efficiency, and bring substantial cost benefits to the organization.