

Innovators

Transforming Space,
People, and Work



INTRODUCTION

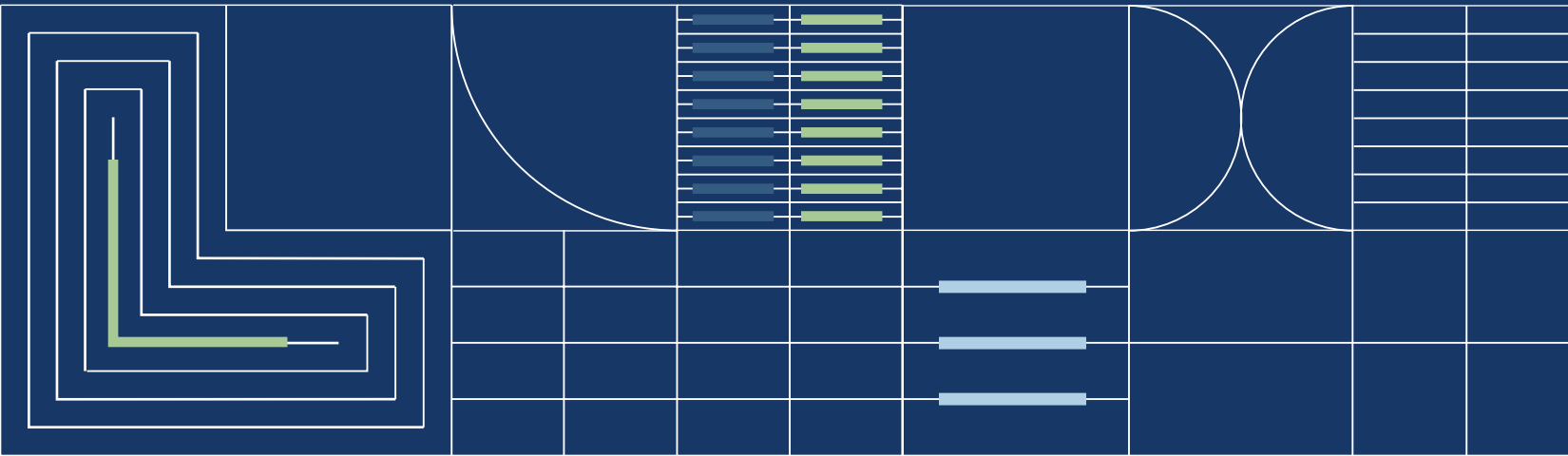
Transformation is happening as companies adapt to meet a new paradigm of expectations.

Smart building technologies, a renewed focus on sustainability, and monumental changes in occupant and employee experiences are impacting how global organizations design, build, use, and think about physical space.

Our customers are reframing the conversation about portfolio strategy, sustainability, and space management to gain a competitive advantage for tomorrow.

Learn about the innovative approaches, outstanding ROI, and important successes our customers have achieved using Enlighted products and solutions. I hope you will be as inspired as I am by their stories.

– *Stefan Schwab, CEO, Enlighted*



Enlighted at a Glance

410M
Square feet
under management

60
Countries

5M
Sensors
installed

2M
Tons of total
CO2 reduction

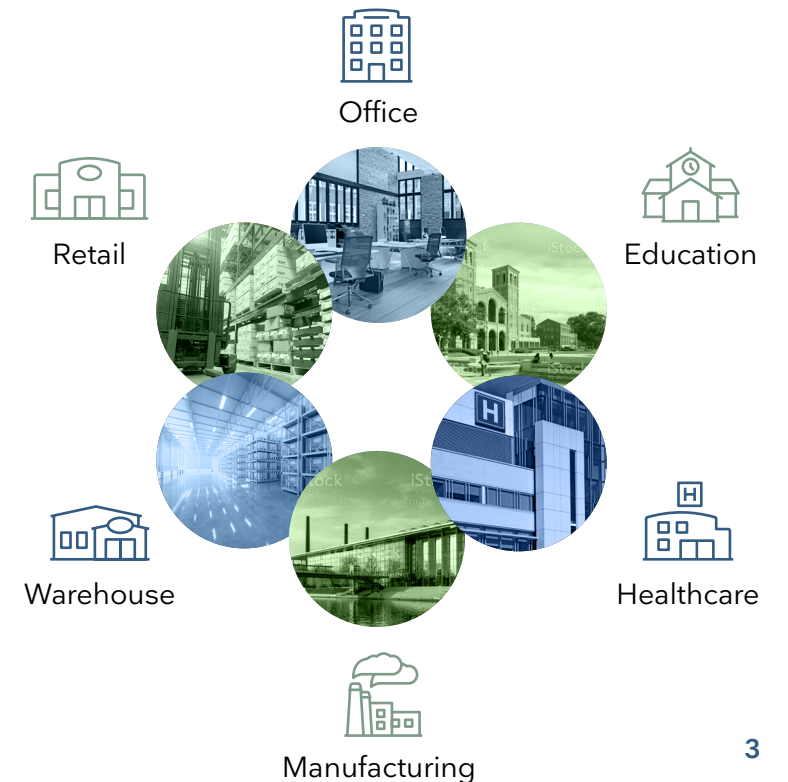
Up to **90%**
Lighting energy
savings

1,000+
Customer
installations



Transformation across industries

At Enlighted, we help organizations across a diverse set of industries achieve success in space optimization, building modernization, and sustainability acceleration, as well as improve business performance. Learn how our customers' innovative approaches, outstanding ROI, and important sustainability advancements transform their businesses.



Customer Stories

Arvato Supply Chain Solutions	5	Menlo Business Park Premier Scientific Business Park	15
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Engagement Highlights

Top requirement: Reserve desks and meeting rooms in any office, in real-time

Empower employees to choose the right workspace to suit their tasks

Through an opt-in feature, employees can share their location and status, allowing colleagues to locate each other within the office and view their availability

Solution

Flexible Spaces



Arvato (A Bertelsmann Company)

“ With the Enlighted platform from Siemens, we will drive the digital transformation of our workplace environment and enable our employees to plan their workday based on their own preferences. ”

– Jan Altersten, CEO



7K
Employees



30
EU offices



63,000 M²
Office space covered



CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS

Engagement Highlights


Top requirement: Energy savings and increased comfort of students and staff

Standardize the lighting technology across the campus


Promote sustainability that aligns with the California State University (CSU) charter

Solution

IoT Lighting Control with task tuning and daylight harvesting



8K
Sensors



>1M
Square feet



\$1M
Energy savings



“ Enlighted has been a huge piece of the puzzle that has made it so our buildings use 50% less energy. Every reduction to the grid helps that much more during the peak energy days like heat waves. ”

– Kenny Seeton, Central Plant Manager





Engagement Highlights

Top requirement: Significant reduction in lighting and energy use through IoT technology

Retrofit campus buildings with smart lighting to build an IoT foundation for the future

Support the sustainability goals for the campus and the wider university system

Solution

IoT Smart Lighting Control

“ Choosing a lighting solution that includes IoT sensors that will enable us to control the HVAC was such a smart way to invest our funds. ”

– Shawn Cun, Energy & Utilities Manager



110
Buildings

2M
Square feet
under management

15%
Utility cost savings



Charter Hall

Engagement Highlights

Top requirement: Enhance workplace experience

Energy savings from reducing cooling and heating where and when it was not being used

Operational efficiency by providing actionable data to the building teams and tenants

Solution

Environmental control app



“ We are seeing great adoption of the Enlighted app for temperature control, particularly as seasons change, with over 80% of our employees cooling their space earlier in the day during the summer months. ”

– Craig Rogers, Innovation Lead



80%
Adoption of app



67%
Reduction in maintenance calls



1,400
Users



Engagement Highlights


Top requirement: Campuswide building modernization

Shape a safe, healthy, and energy efficient environment for students, faculty, and the community


Retrofit indoor spaces spanning millions of square feet with an LED lighting and controls system across four campuses

Solution


IoT Lighting Control, LED lighting upgrade



17K
IoT sensors



1.8M
Square feet



4
Campus locations

“ Enlighted delivers a level of data insights and analytics, as well as platform agnostic integration, that is unmatched in the industry. Having access to Siemens Empower and workforce development programs was also compelling, as we sought the ideal partner for this critical initiative. ”

– Carlo Vazquez, Vice President & Chief Facilities Officer



Engagement Highlights

Top requirement: A rapid implementation of a workplace app for hybrid working

Delightful end-user experience, integration capabilities, and utilization data APIs

Utilization data as the foundation for smart real estate investments

Ability to leverage utilization

Solution

Safe Return, Flexible Spaces, Insights Access

Requirements

ServiceNow Integration

Neighborhoods

Implementation in 2-3 months



Data Technology Leader



25
Buildings



3,700+
Employee users



14
GEO locations globally



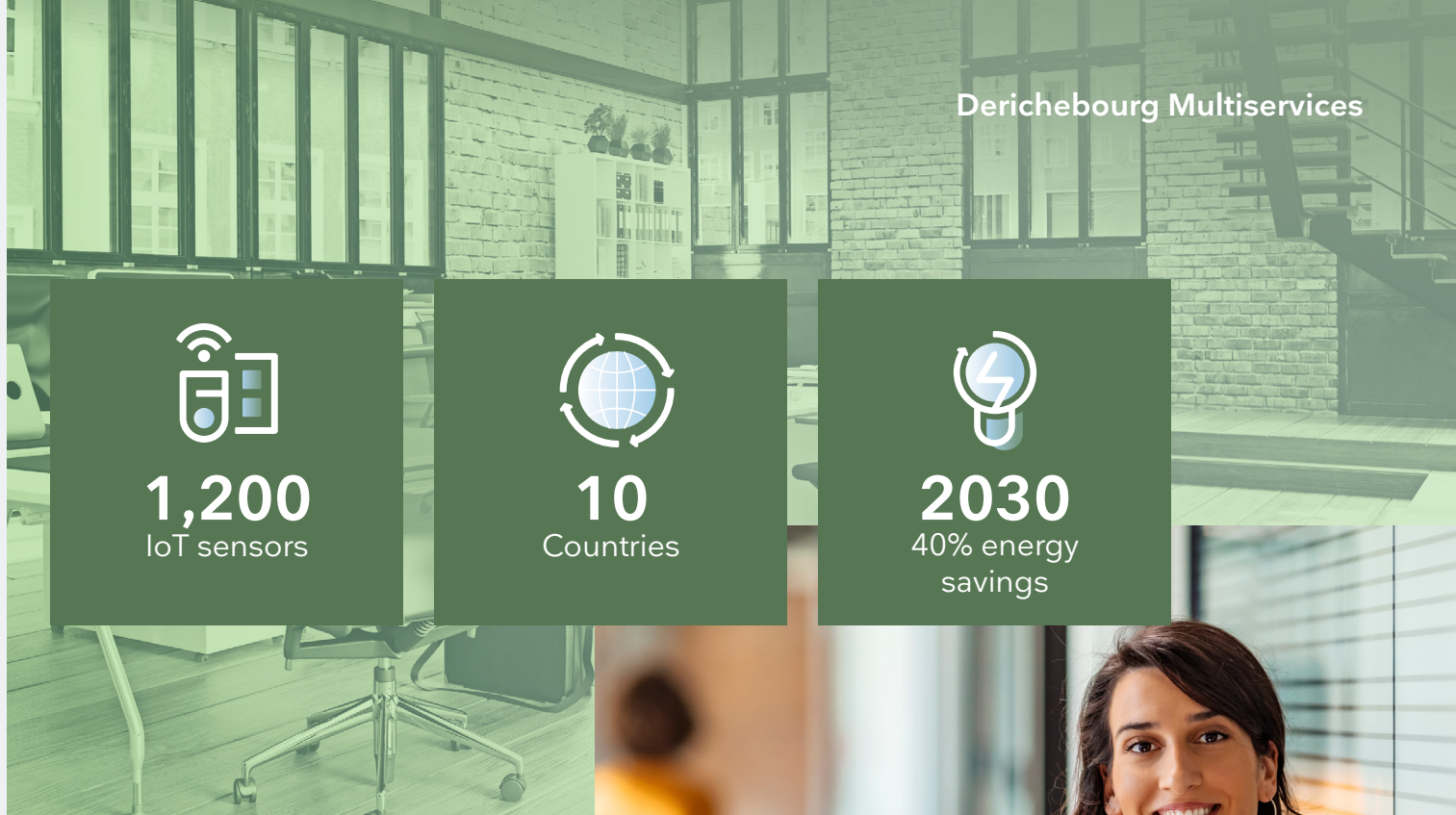
Engagement Highlights

Top requirement: Energy efficiency and savings, and government compliance

Installation of LED lighting and 1,200 smart sensors to control energy consumption at the company’s Creteil headquarters

Compliance with government directive to achieve 40% energy savings by 2030

Sensor data to optimize building management, facility management, and visitor experience



Solution

LED upgrade and IoT Lighting Control

“ As part of our service delivery activities, the breadth of possibilities offered by IoT sensors represents a tremendous development opportunity. Not only do we act on our own consumption, but we also benefit from a real-world showcase of usage, in order to offer additional services to our customers, for our remote monitoring or cleaning activities. ”

– Silvine Thoma, Communications Manager





Engagement Highlights

Top Requirements: Use building data to increase efficiency of global real estate assets

Understand how spaces are used via to adjust lighting and HVAC profiles to reduce costs

Solution

IoT smart lighting controls and SPACE for data-driven occupancy insights



“ Enlighted enables enhanced control of our operating costs and more dynamic management of our spaces. ”

– Stephane Cossagne, Corporate Secretary



300K
Square feet



120+
Countries



90%
Energy savings
at Lille site

Engagement Highlights

Top requirement: Consistent, delightful employee experience

Business model transformation and talent strategy transformation across multiple office configurations

Standardized tech across the enterprise

Data and insights to manage space utilization

Solution

Flexible Spaces

Touchless Workplace

Insights Access

Showcase

Innovation center in downtown London

SaaS and IoT technologies



141
Buildings



70K+
Employee users

78
Countries

Multi-phased approach based on re-opening schedules

Interface®

Engagement Highlights

Top requirement: Create the model energy efficient warehouse of the future

A multi-use implementation with warehouse and office spaces

Gain further control with advanced lighting control features including task tuning, and daylight harvesting for maximum safety and productivity

Solution


IoT Smart Lighting Control



18-month
ROI



35K
Square feet



70%
Energy savings overall
& 88% in warehouse

“ We achieved 70% savings overall. I can't say enough about how cooperative and collaborative Enlighted has been. ”

– Jeff Roman, Vice President of Information Services



Engagement Highlights

Top Requirements: Occupant comfort, OPEX reductions

An integrated lighting and HVAC energy upgrade

Retrofit of 5,000 fluorescent fixtures and HVAC control management with 250 new programmable thermostat controls

Solution

IoT lighting and HVAC integration



“ Through the combined hardware and software platform, we are able to collectively address HVAC, demand response and lighting optimization, and get the best rebates available. ”

– Dave Tarlton, Vice President



500K
Square feet



30%
Reduction in
lighting and HVAC



5K
Fixtures



Engagement Highlights

Top requirement: Achieve significant energy savings and less than a five-year ROI

Gain increased lighting control with task tuning, occupancy and daylight harvesting with improved lighting quality and ambience

Realize IoT benefits including detailed occupancy views, utilization reporting, and real-time location services

Solution

IoT Lighting Control



5K
Staff



750
Beds



90%
Energy savings

“ This product can adjust the light level based on the task. Before, if anyone wanted less light in their environment, they took the bulbs out of their fixtures or for more light used desk lamps. Instead of getting an uneven light, we can tune it up or down. ”

– Chris Murphy, Facilities, Project & Business Development Manager



Engagement Highlights

Top Requirements: Energy savings and lower maintenance costs

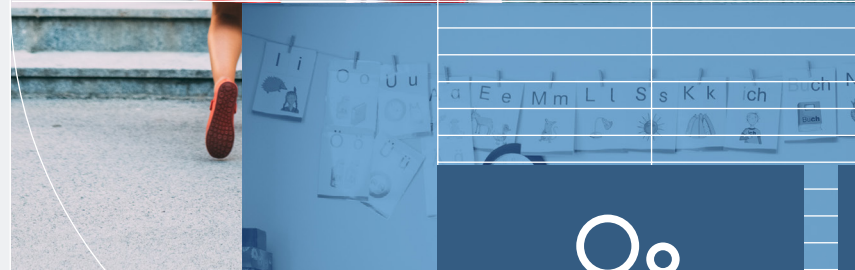
Installation of LED lighting and lighting controls tailored to the exact needs of each area, maximizing energy savings

Task tuning, daylight harvesting, and improved lighting quality resulted in an improved teaching environment more comfortable buildings

Maintenance free for 15 years with the lighting energy load reduced by more than 91%, from 46.9kW to 3.8kW

Solution

IoT Lighting Control



600

Students and staff



91%

Energy savings



2040

Carbon neutral Borough

Putteridge Primary School

“ We were very impressed with your team and have been singing their praises to everyone about how the project was completed. We are delighted with the first set of data with reduction figures too, long may it continue. ”

– Cecilia McCarthy, School Bursar



Engagement Highlights

Top Requirements: Energy savings and increased safety with IoT enabled warehouses

Initial energy savings of 75% in offices and 65% energy savings in warehouse


Rapid implementation to meet timeline of additional retrofits




14
Locations globally



20K
Square meters



>75%
Energy savings

Solution

IoT Lighting Control

“ The system surpassed our initial expectations. We calculated a 3.5-year ROI but this was before taking into account the maintenance savings or electricity price increases. ”

– Julien Courneloup, Maintenance & Energy Efficiency Engineer

SIEMENS

Engagement Highlights

Top Requirements: Quickly provide employees worldwide with an easy-to-use intuitive workspace productivity tool for hybrid working

Mobile app for room and desk booking, amenities including café and location transportation, announcements, navigation, shading and temperature controls

Occupancy sensors provide data for understanding how employees use real estate for right-sizing and planning

Solution

Workplace Essentials and IoT Infrastructure



Siemens Headquarters

“ The Enlighted solutions are an essential part of the Siemens ‘new normal’ mobile working strategy, and we’ve implemented room and desk booking and amenities at the headquarters. ”

– Fabian Telke, Head of Contracting Services,
Siemens Real Estate Hub



30K
Square feet



800
Workspaces



1,800+
Employees

SIEMENS

Engagement Highlights

Top Requirements: Reduce energy use to support the Siemens 2030 Net Zero commitment

The 20,538m² manufacturing facility operates 24/7 and includes both standard offices and large industrial bays

Task-tuning functionality enables the Parsons Works team to fine tune lighting for each space, improving comfort for occupants both in offices and on the floor

Each year, the company avoids sending the equivalent of 1,000+ tons of harmful greenhouse gases into our planet's atmosphere

Solution

IoT Lighting Control



Siemens Energy • Parsons Works

“ The LED upgrade reduced the lighting power by 75%. The Enlighted IoT controls save an additional 88% on top by constantly adjusting light output to provide perfect light levels based on the task at hand, daylight coming in from outside, and occupancy. ”

– Mark Armstrong, Head of Operations, Siemens Energy



1,500+
Sensors



£2M+
One-year savings



96%
Energy savings



UNIVERSITY OF BIRMINGHAM

Engagement Highlights

Top Requirements: Create a fully connected, sustainable environment

Capture data from the university's building technologies, estates' infrastructure, and energy plants and use it for innovation, R&D activities, and teaching

Combine digital sensor and analytics technologies with artificial intelligence to decentralize energy generation and storage, renewable energy



23K
IoT sensors



38K
Students



2035
Goal to eradicate CO2 emissions

Solution

IoT Lighting Control

“ Our goal is to deliver the campus of the future, using cutting-edge technologies to make our campuses in Edgbaston and Dubai the smartest globally. This will enhance our student experience, create new research and innovation opportunities, whilst significantly reducing our carbon footprint. ”

– Professor Tim Jones, Provost & Vice-Principal



UC SANTA BARBARA

Engagement Highlights

Top Requirements: Energy efficiency through LED upgrades and IoT lighting controls

A tiered approach that initially focused on LED and IoT lighting upgrades for campus corridors and then build out of other spaces.

Modernize infrastructure to improve the quality of campus spaces for both students and staff



1,550+
Sensors



7
Buildings & growing



76%
Energy savings

Solution

IoT Smart Lighting Control

“ With the Enlighted system, we’re able to set lighting configurations based on occupancy levels, individual needs and behaviors. This task-tuning capability has proven to save us tremendous amounts of energy while better serving the needs of our students and staff. ”

– Jordan Sager, Energy Manager





Engagement Highlights

Top Requirement: Retrofit the existing HID lighting system to improve safety and efficiency

Occupancy sensors, flexible lighting control, and high-efficiency LED fixtures resulting in significant energy and maintenance savings and CO2 reduction

Improve safety in terms of visibility for employees and help remove fire risk caused by old HID fixtures

Solution

IoT Lighting Control



“ We can group the fixtures and control them beyond a traditional on/off occupancy sensor. This allows for entire aisles to be lit only while in use for optimal savings and safety. ”

– Orlando Ortiz, Director of IT



554 MT
Annual CO2
reduction



615k
Square feet



75%
Energy savings



Engagement Highlights

Top Requirements: Create a smart, energy efficient, headquarters and a productive environment for WWE employees

Leverage smart IoT lighting and data for occupancy-based energy savings and optimal space management

Reliably track assets, including memorabilia and merchandise in real-time for movement analysis and improved inventory management



2,000
Sensors



400K
Square feet



9
Unique space types

Solution

IoT smart lighting control, Data Services, RTLS (Real Time Location Systems), people counting

“ The new WWE headquarters is comprised of spaces intended for a variety of very different uses. The Enlighted IoT Smart Building technology will make it possible for us to realize enormous energy savings, increase our operating efficiencies, and use data to capture building activity for intelligent data-driven space decisions. IoT-based asset tracking and process flow improvements will make our headquarters truly a smart building. ”

– Rajan Mehta, EVP and Chief Technology Officer



Solving building, space, productive, and sustainability challenges

Technology

NETFLIX Google ORACLE
DELL hp intel
flex Lam RESEARCH LinkedIn
SEAGATE ATERA JDSU

Financial Services

BNY MELLON svb Silicon Valley Bank WELLS FARGO
LPL Financial UnionBank™
Charter Hall CREDIT SUISSE
STATE STREET JPMorganChase BARCLAYS

Communications

AT&T Bell
salesforce
Bloomberg TURNER

Healthcare

Lilly Roche Abbott Genentech
Mercy TARLTON MERCK NHS
Pfizer Bristol Myers Squibb™ REGENERON

Education

CHESHIRE PUBLIC SCHOOLS UNIVERSITY OF CALIFORNIA BERKELEY CLONTARF INSTITUTE OF TECHNOLOGY UNIVERSITY OF SOUTHERN CALIFORNIA
CALIFORNIA STATE UNIVERSITY NYU WPI CCAC

Other

gm TESLA Schneider Electric TOYOTA
REI KEYSIGHT TECHNOLOGIES GPG Green Proving Ground Program MORRISONS
bp P&G GSA GE

A suite of solutions for maximum positive impact

“ The Enlighted IoT data capabilities and energy saving technologies have been proven across many of our installations. They are implemented in over 1,700 locations of one of the largest big box retailers in North America, creating energy efficiencies and delivering valued IoT data insights. ”

– Scott Green
President, Orion Services Group, Orion Energy Systems, Inc.



Space Intelligence

Future-proof buildings with modern sensor technologies and enable software-driven lighting for deep insights.

- Lighting Solutions
- Data Services
- IoT Infrastructure
- Location Intelligence

Sustainability Solutions

Empower organizations with technology to transform spaces into regenerative places.

- Lighting Control
- HVAC Integration
- Occupancy Insights
- Energy Management
- Environmental Controls

Workplace Essentials

Create positive workspace interactions for occupants.

- Flexible Spaces
- Touchless Workplace
- Corporate Amenities
- Safe Return

Value Services

Help customers accelerate their initiatives, leverage our extensive expertise, and integrate with new third-party solutions.

- Premium Support Services
- Integration & Implementation
- Business Intelligence

Enlighted is the brightest way to operate, orchestrate, and optimize space.

Space can offer value beyond the profitability or productivity value of each square foot. It can autonomously adapt to changing conditions, reinvigorate occupants through empowering interactions and it can restore our planet through smart, energy saving and restorative technologies.

These innovations transform everyday spaces into more than just places where work happens – they become extraordinary places that regenerate value for an organization, the people who occupy them, and our planet.



Occupants

Collaboration
Connection
Safety



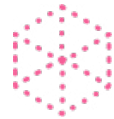
Work

Productivity
Experiences
Flexibility



Business

Analytics & Insights
Adaptability
Resilience



Space Management

Environmental Controls
Intelligent IoT
Regenerative Systems

To learn more about Enlighted solutions, please contact us at info@enlightedinc.com