

# Enhancing Facility Management

Facility managers are at the forefront of creating functional, safe, and efficient workplaces. DIREK's solutions support these goals through:



## Safety and Security

Compliance with safety regulations and building codes.

Advanced security measures including surveillance and access control.



## Health and Hygiene

Ensures cleanliness and hygiene, crucial in communal areas.

Air quality control and sanitisation for a healthier work environment.



## Environmental Sustainability

Green initiatives and energy-efficient practices.

Sophisticated energy management for reduced carbon footprint.



## Space Utilisation and Efficiency

Technology-driven optimisation of space use.

Supports reconfigurations for social distancing and expansion.



## Budget Management

Effective control of operational costs for economic efficiency.



## Employee Comfort and Productivity

Creates a conducive environment with ergonomic design and noise control.

Responsive to employee feedback for continuous improvement.



# Space Optimisation and Occupancy Management Solutions

Shaping Tomorrow's Workplaces


## The Future of Facility Management

DIREK's innovative solutions in space management and optimization are tailored to meet the evolving needs of modern workplaces. Our AI-based technologies and smart occupancy management systems are designed to maximise efficiency, safety, and comfort in various settings, from offices to retail spaces and healthcare facilities.

## Contact Us



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# Transforming Workplaces with Intelligent Technology

The Future of Facility Management

## DIREK's Key Solutions

DIREK's AI-based smart occupancy management solution marks a significant advancement in facility management, delivering automation, efficiency, and adaptability. Enhance your space utilisation, energy efficiency, and create a safer, more comfortable, and productive environment with DIREK.

### D-XPERT: AI Based Energy Efficiency Recommender

#### Intelligent Energy Management

Utilises AI to recommend energy-saving strategies, customized for your space and aligned with your sustainability goals.

### Space Management & Optimisation

#### Dynamic Space Allocation

Adapts to changing workforce needs, supporting flexible working models and maximising space efficiency.

### Environment Monitoring & Energy Management

#### Integrated Environmental Controls

Monitors and adjusts building conditions for optimal energy usage and occupant comfort.

### Proprietary Occupancy Monitoring Technology

#### Real-Time Occupancy Tracking

Real-Time Occupancy Tracking: Advanced sensors for precise occupancy detection, ensuring optimal space utilisation.



# DIREK's AI Powered Smart Occupancy Management

Key Features



#### Advanced Occupancy Sensors

Real-time, accurate monitoring of space usage.



#### Real-Time Data Analytics

Instant visualisation and reporting for informed decision-making.



#### AI and Machine Learning

Data-driven insights for pattern recognition and predictive analysis.



#### Automated Control Systems

Integrates with existing systems for seamless automation of lighting, HVAC, and more.



#### User-Friendly Interface

Intuitive dashboards and mobile applications for space booking and management.

## Key Functionalities

01.

#### Space Optimization

Efficient allocation and hot-desking management.

02.

#### Energy Efficiency

Reduces energy waste in unoccupied spaces.

03.

#### Privacy and Data Security

Prioritises data privacy and security.

04.

#### Customization and Scalability

Adaptable solutions for diverse space needs.

05.

#### Integration with Other Systems

Enhances security and IT infrastructure integration.

06.

#### Enhanced Safety and Compliance

Ensures adherence to safety regulations and social distancing protocols.

07.

#### Predictive Analysis and Forecasting

Forecasts future space requirements for strategic planning.