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PRESENTATION OVERVIEW

AI in Facility Management

The use of AI in facility management is redefining the industry by providing efficient and sustainable solutions. We will discuss its benefits and how it is transforming the way facilities are managed.

Energy Efficiency

AI is helping facilities gain energy efficiency and reduce their carbon footprint. We will explore how it works and the positive impact it has on the environment.



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AI IN FACILITIES

Remote Monitoring

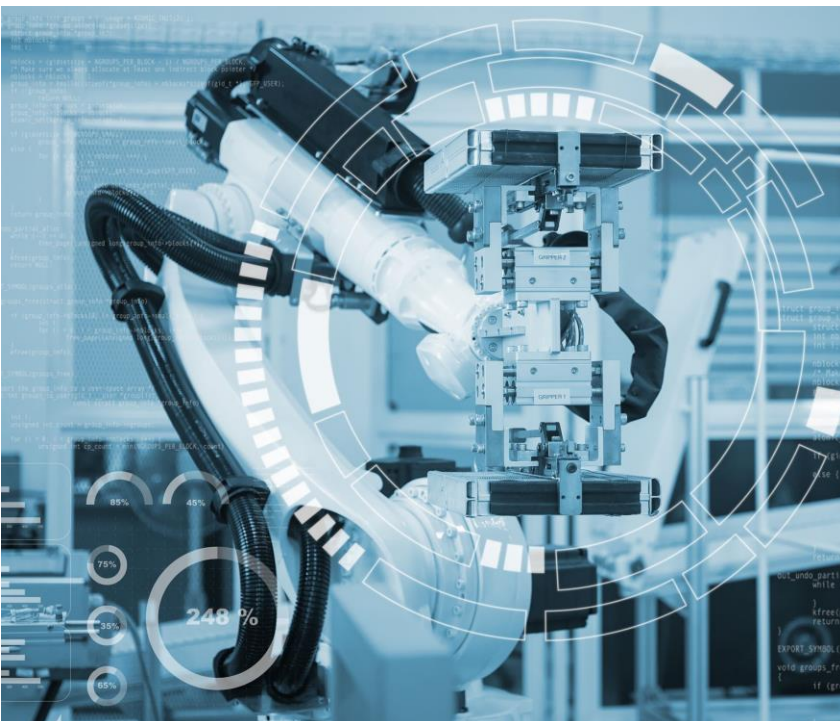
AI enables remote monitoring of facilities, allowing facility managers to track the performance of various systems and equipment in real-time, from anywhere in the world.

Predictive Maintenance

AI-powered predictive maintenance can detect potential issues with equipment before they occur, reducing downtime and maintenance costs.

Real-time Analytics

Real-time analytics powered by AI can help facility managers make informed decisions about resource usage and energy consumption, leading to cost savings and increased efficiency.



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PREDICTIVE MAINTENANCE

Predictive maintenance uses AI algorithms to monitor equipment and predict when it is likely to fail. This allows for proactive maintenance, which reduces downtime, extends equipment lifespan, and saves costs.

REAL-TIME INFORMATION

AI Analytics

Real-time analytics using AI can analyze vast amounts of data from various sources such as weather forecasts and occupancy patterns to optimize facility operations.

Informed Decisions using ChatBot

Real-time analytics helps facility managers make informed decisions based on data-driven insights, leading to energy-efficient operations and cost savings.



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SIMPLE CHATBOT DEMO

Facility Name	Location	Facility Type	Maintenance	Schedule	Start Date	End Date	Status	Assigned Person
OPP	Building A	Office	HVAC Check	Monthly	2024-05-01	2024-06-01	Completed	John Doe
Research Lab	Building B	Laboratory	Fume Hood	Weekly	2024-06-01	2024-06-15	Pending	Jane Smith
Storage	Building C	Storage	Fire Extinguisher	Quarterly	2024-03-15	2024-06-15	Overdue	Mike Johns
Old Main	Building A	Meeting Room	Lighting Inspection	Monthly	2024-05-20	2024-06-20	Completed	Emily Davis
TSB	Building D	Dining Area	Kitchen Equipment	Monthly	2024-05-25	2024-06-25	Pending	Robert Brown
Parking Garage	Building E	Parking	Structural	Annually	2023-07-10	2024-07-10	Pending	Laura Wilson
Gym	Building F	Recreation	Equipment	Weekly	2024-06-10	2024-06-15	Pending	Chris Green

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ENERGY EFFICIENCY

Artificial Intelligence is playing a crucial role in helping facilities gain energy efficiency and reduce their environmental impact. By using AI-powered energy optimization techniques, facilities can reduce their energy consumption and costs.



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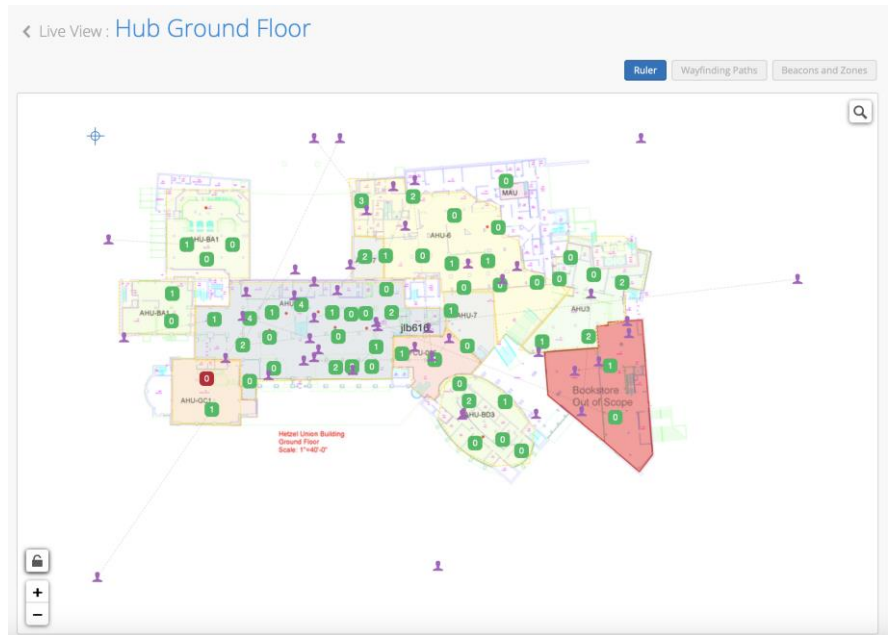
HVAC OPTIMIZATION

AI algorithms can optimize HVAC systems based on weather forecasts, occupancy patterns, and other variables. This can reduce energy consumption by up to 30% and improve indoor air quality. Using occupancy data, we use AI to manage our HVAC system in real-time.

OCCUPANCY
LIVE DATA
FEED

JUNIPER
MIST AI

LIVE DEMO



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CONCLUSION

Artificial Intelligence is revolutionizing facility management and energy efficiency. By leveraging AI, facilities can reduce costs, improve performance, and reduce their environmental impact.

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