

# Artificial Intelligence in Buildings

Unlock the performance of your building – your gateway  
to your sustainability and business goals



# Johnson Controls at a glance

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Nearly

**140 Years**

of innovation experience

**100,000**

experts globally

**150** countries offering  
a local service from

**2000** locations

More than

**9,200**

active patents

**4+ million**

customers globally

**\$78 million**

in charitable contributions  
in the past 5 years

Named in

**40+**

leading sustainability

More than

**+35.2M**

metric tonnes of CO<sub>2</sub>e reduced  
for our customers since 2000

**+1.86 million**

volunteer hours  
in the past 5 years

We are in

**90%**

of the world's most  
iconic buildings

Customers saved more than

**\$7.2 billion**

in energy and operational  
savings since 2000

**100% increase**

in energy productivity since 2022

# Johnson Controls is a world leader in smart buildings, creating safe, healthy and sustainable spaces

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## HEALTHCARE

**Helping patients heal  
and doctors cure**



## SPORTS AND ENTERTAINMENT

**More connected  
experiences for fans**



## AIRPORTS

**Enhanced travel  
experiences**



## CAMPUSES

**Better learning  
experiences**



## DATA CENTERS

**Smarter, more  
efficient and resilient  
data centers**



## COMMERCIAL BUILDINGS

**High performing,  
future ready buildings**



## LIFE SCIENCES

**More time for  
science**



## SCHOOLS

**Inspiring spaces  
for learning**



## CITIES

**Smarter, more  
sustainable cities**



## Smart

### Powering buildings to think and respond

There are three parts to what experts call the 'smart building trifecta.' This is creating a new class of buildings — they're the architectural icons of the net zero age.

Efficiency. Electrification. Digitalization.



## Healthy

### Enhancing experiences, wellbeing, delivering greater productivity

By using technology that responds to the changing needs of people and the environment, your buildings become spaces that unlock the full potential of people, resources and investments.



## Sustainable

### Accelerating the journey to net zero

We are an expert partner in sustainable building solutions.

We make net zero leadership easy with a proven path delivering your sustainability goals.



# OpenBlue helps unlock building performance across key outcomes

## Energy Efficiency & Sustainability

Your gateway to net zero and improving your bottom line. Take realistic steps with digital solutions that track, optimize and control energy use and accelerate progress to net zero emissions.

## Operational Efficiency & Equipment Performance

Efficient building system optimization and smart facility management. Operational consistency, risk mitigation and lower lifetime costs across your assets and building portfolio.

## Space, Wellbeing & Productivity

Drive space efficiency, optimal occupant health and experiences. Create world-class spaces and experiences that engage tenants, attract and retain talent, boost health and increase occupant productivity.

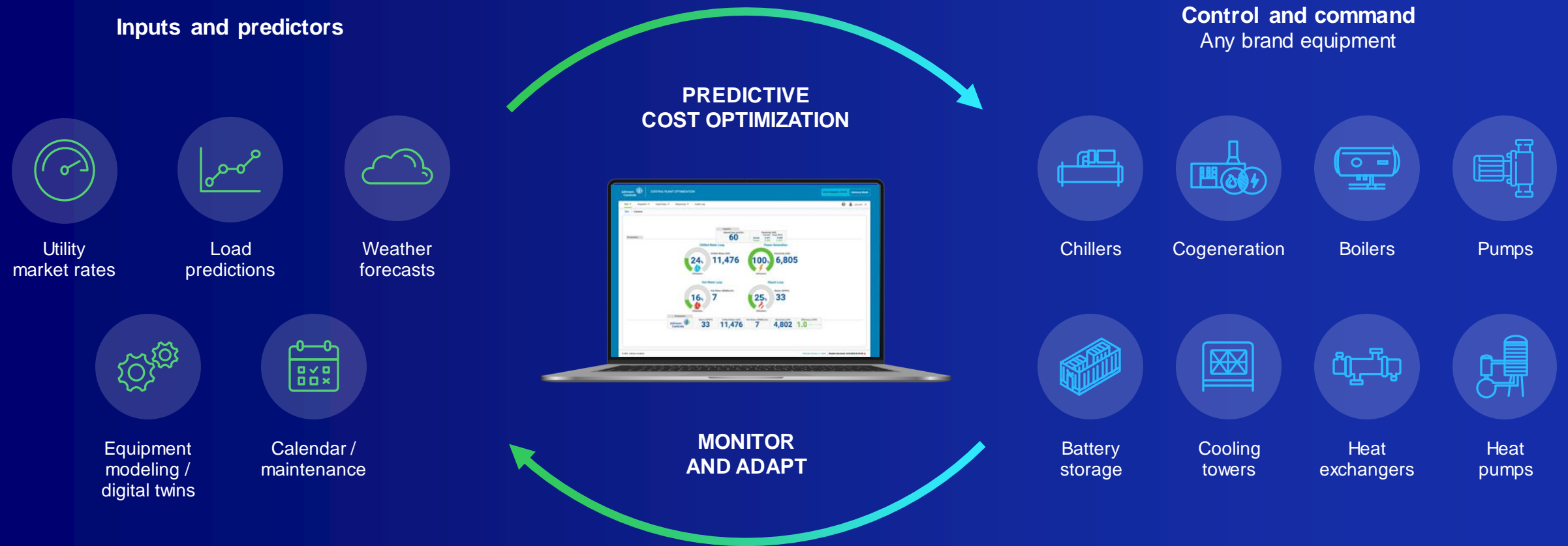
## Security, Safety & Compliance

Holistically protect people and property. Holistic management of all systems and processes critical to the safety and security of your building, people and assets.



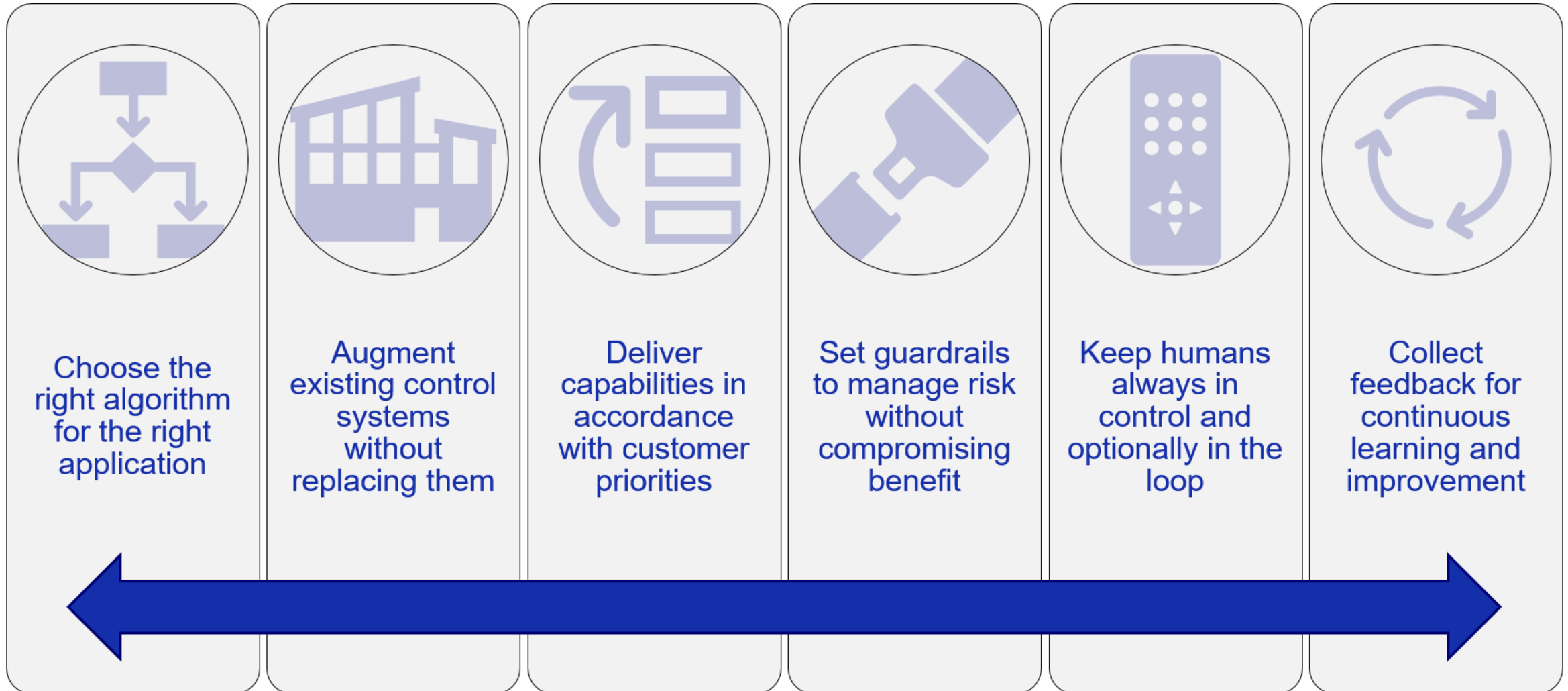
Use Case example

# Central Utility Plant Optimization



*Predictive, real-time control and machine learning make the difference.*

# Core Principles of AI for Autonomous Buildings



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# Questions?