



# Deploying Internet of Things Technology for Environmental Impact



Edge hardware, a user-friendly software and a unified orchestrator to reduce energy consumption for multi-site enterprises.

Currently deployed across over **3700 sites** in over **600 cities** in India

It has enabled saving over **130 million kWh**

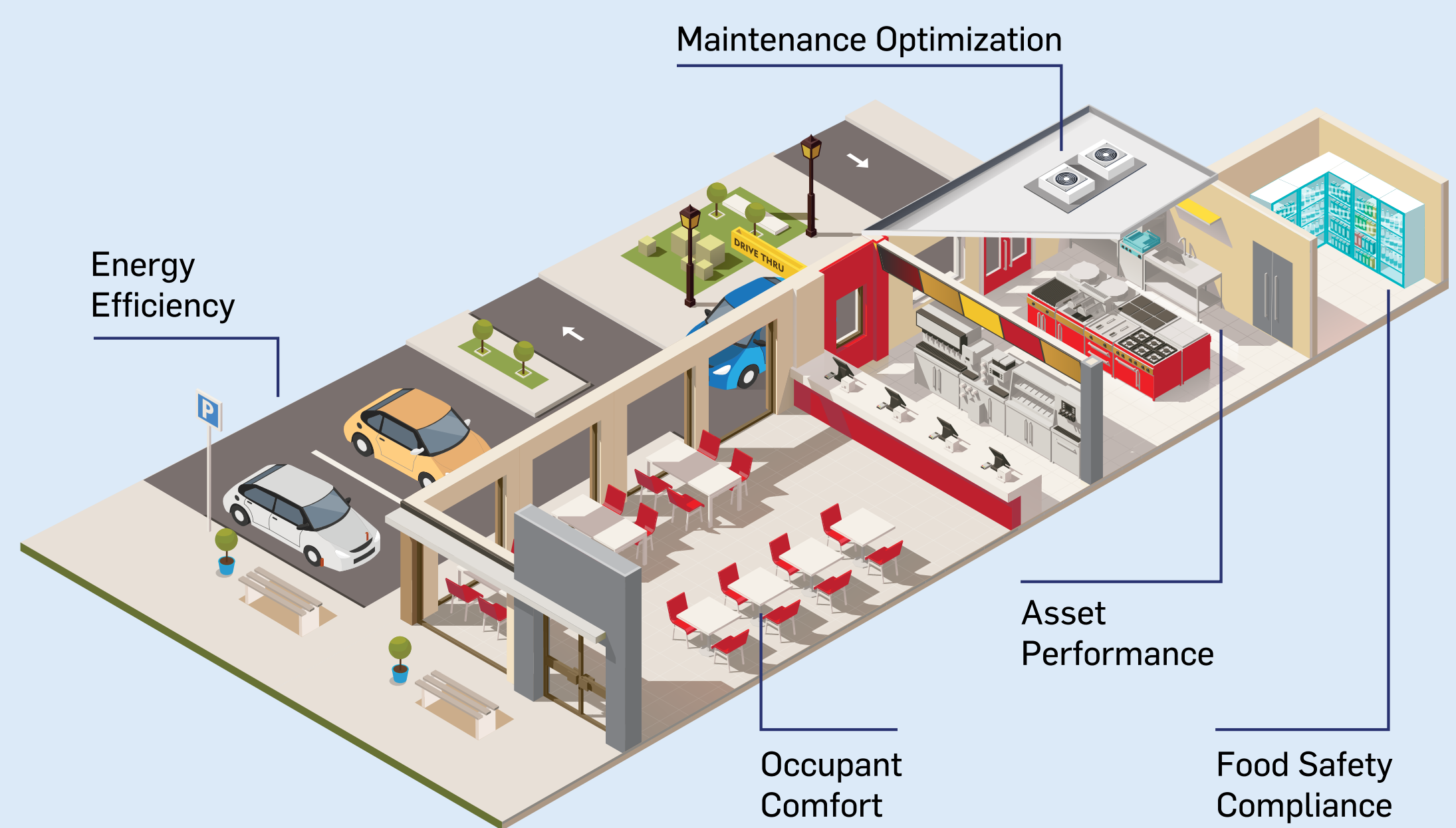
## Case in point:

A project at one of the largest food service companies in India

## Objectives:

- Save Energy
- Improve Food Safety
- Improve Asset Performance
- Enhance Occupant Comfort

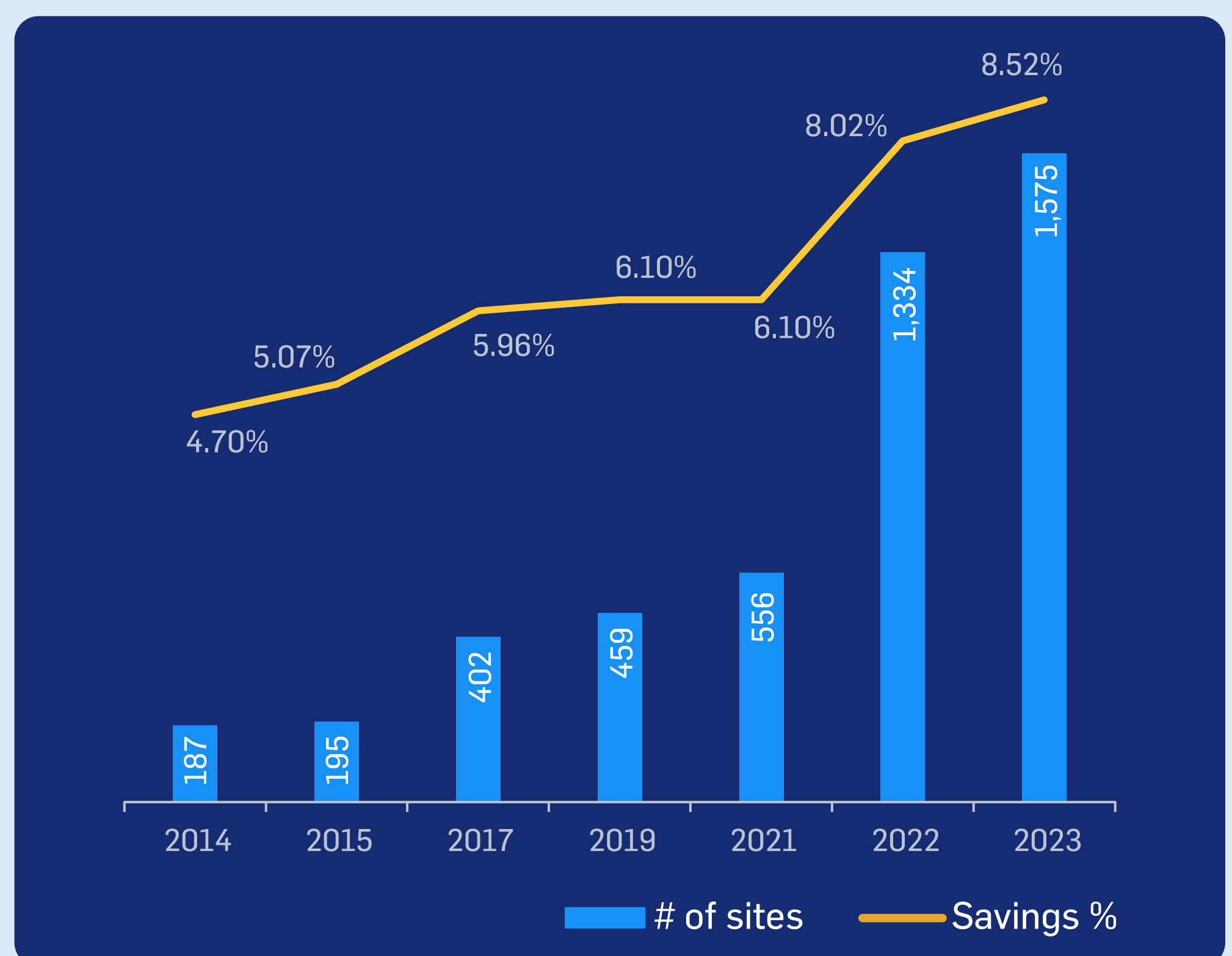
## Focus on individual restaurants...



## ... to deliver value across the portfolio of sites

**A journey of scaling our solution and capabilities to supporting the customer's growth and reduce environmental impact.**

**Energy savings of 30 million kWh** since the beginning of the project helped the organization **avoid 20,988 metric tons of CO<sub>2</sub> emissions<sup>1</sup>.**



Other notable results: **82% improvement in guest comfort compliance in the dining area** | **23% improvement in temperature compliance in the cold room** | **37% improvement in temperature compliance in the makeline**

<sup>1</sup>According to US EPA Greenhouse Gas Equivalencies Calculator

## Highlights of the system and innovations based on the experiences over the last decade

The CORTIXedge System	
Auto Discovery & Transformation	<ul style="list-style-type: none"> <li>Auto discovers multi-protocol equipment</li> <li>Intelligently aggregates and transforms to standardized data format supporting multi-OEM equipment</li> </ul>
AI-enabled intelligence	<ul style="list-style-type: none"> <li>Distributes intelligence from the cloud to the edge</li> <li>Enhances edge intelligence through relevant point-in-time AI-selected programs</li> </ul>
Reliable Data Management	<ul style="list-style-type: none"> <li>Ensures data processing and exchange between edge and cloud through multiple redundant paths</li> </ul>
Edge Upgrades & Updates	<ul style="list-style-type: none"> <li>Schedule or launch auto-upgrades/updates across multiple edge devices</li> </ul>
Unified Orchestration Console	<ul style="list-style-type: none"> <li>Simplified user interface to manage discovery, transformation, intelligence, data streaming functionalities across multi-device, multi-customer, multi-connectivity interfaces in a standardized manner</li> </ul>