

Bank

Background:

A leading multinational bank, with over 200 branches in India and 500+ in Asia, was seeking to reduce energy consumption costs while maintaining a comfortable environment for customers and employees.

Solution:

After evaluating multiple IoT solutions and PoCs at controlled and limited branches, they decided to implement **AgileWorks** at initial 100 branches.



- Installation of Agile Gateway, Endpoints, Universal Agile Controllers, Universal Agile Thermostats and energy meters in each branch/office to monitor and control energy, temperature, humidity, and air quality
- Configuration and commissioning AgileWorks IoT Platform to remotely monitor and control HVAC systems, temperature sensors and energy meters across all locations
- Scheduling and automation of HVAC operations based on branch hours, occupancy, Workday and Offday, and outdoor weather conditions
- Real-time energy usage monitoring and analytics to identify areas of improvement.

Results and benefits:



- Energy efficiency and cost savings: 20% reduction in HVAC energy consumption across all locations, Resulting in more than 12% overall energy savings
- Improved customer comfort and satisfaction
- Increased operational efficiency: Complete visibility into distributed asset health and Enhanced visibility and control of energy usage for facility managers
- Identify assets that are operated beyond work hours
- Identify branches and assets with high manual override instances
- Fully autonomous operations
- Scalability and flexibility for future growth
- Scalability to add more equipment on AgileWorks: UPS systems and DG Sets
- Data-driven decision making for energy management and equipment maintenance

Additional Benefits:



- Peak demand VS Contract Demand and strategies to flatten the curve
- Real-time monitoring and response to HVAC issues, reducing downtime and improving customer satisfaction
- Enhanced sustainability and energy efficiency reputation
- Compliance with energy efficiency regulations and standards
- Potential for future integration with other smart building technologies



This case study demonstrates the potential of AgileWorks in banks to drive energy efficiency, cost savings, and improved employee comfort, while also enhancing the overall customer experience and sustainability reputation.