



TEAMSTM

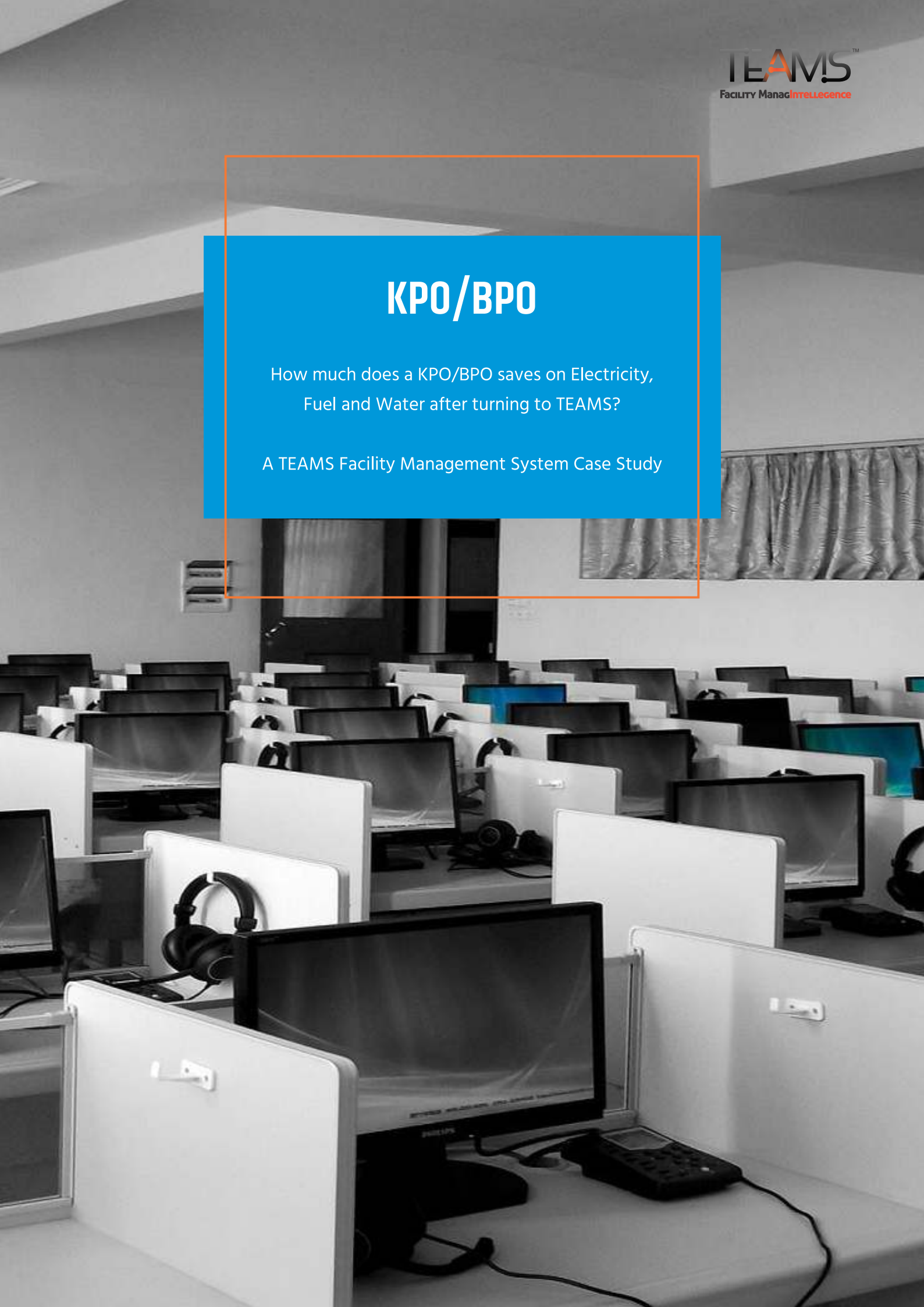
Facility ManagIntelligence****

KPO/BPO

KPO/BPO

How much does a KPO/BPO saves on Electricity,
Fuel and Water after turning to TEAMS?

A TEAMS Facility Management System Case Study



Industry overview

According to the Environmental Protection Agency (EPA), 30% of energy used in a commercial building is wasted.

On average, commercial building owners spend around 22% of their operational costs on power and water. That's the second biggest line item on most commercial buildings' annual operations cost bills.

According to the EPA, of the percentage of building operation costs spent on energy, about 35%, or a little over a third, is spent on lighting alone!

Heating, cooling and ventilating a building (HVAC) accounts for over 40% of a typical building's energy use.

Client overview

Headquarters, KPO/BPO, Noida

7 floor building

Approximate area of 340,000 sq. ft.

Total employee strength in Noida - 5500 working in 3 shifts.

The major clients serving include: Telecom giant, MNCs etc.

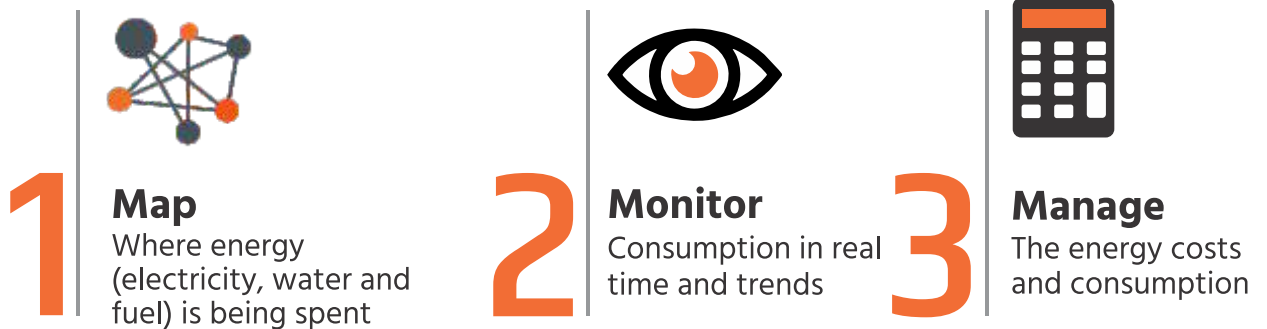


Client concerns

- Huge escalation in energy costs – more than 15% year on year
- Excess energy consumption and therefore excess energy costs was a routine challenge
- Absence of a real-time energy consumption data and tracking system.
- Absence of an energy consumption benchmarking system, W.R.T. square feet and head count, determining the direct cost incurred in operating the facility.
- High difference between the energy supplied through the main meter and the ones passed onto the sub-meters.
- Absence of a tracking system tracking the unmonitored energy and its subsequent costs.
- Inability towards controlling portable water W.R.T. water consumption and storage capacity.
- Lack of a tracking mechanism tracking the total diesel consumption W.R.T the energy produced by DG and the diesel consumed.
- Lack of PPM, AMC tracking and monitoring system.
- Absence of an online database of the equipment manufacturer and the service provider.
- Time frame for AMC and PPM was not determined.
- Absence of a request raising and tracking system.

The **TEAMS** Diagnosis

3 M approach



The **TEAMS** Agenda

- Track and monitor live data of energy consumption
- Benchmark energy consumption w.r.t sq. ft., head count which is the direct cost needed to operate the facility
- Track unmonitored energy and cost related to it – for instance, the difference between energy coming from Main meters and going to sub meters was very high
- Track and monitor energy consumption trends
- Track and monitor portable water w.r.t water consumption and storage capacity
- Track total diesel consumption w.r.t energy produced by DG and Diesel consumed



TEAMS Solution

TEAMS Solution – TEAMS Facility Management System

The single most powerful tool in the industry that empowers businesses to significantly lower energy bills, manage assets efficiently, utilize resources optimally and create happier bottom lines!

This system comprises of four modules tackling various cost factors. They are as follows: Request Management, Asset Management, Energy Management and Inventory Management. The TEAMS RoadMap



The **TEAMS** RoadMap

1. **TEAMS Request Management Solution**

Most commonly faced problems:

- Absence of a system-based platform to receive housekeeping, security, equipment/ fixture, cafeteria related complaints received through students and faculties
- Complaints are often reported to the faculties, and, in case of faculties, to the departmental heads.
- Absence of a monitoring system to determine the status of complaint, whether, open, in-process or closed.
- Subsequent dissatisfaction amongst the students and faculties.

With TEAMS you get:

- Efficient and automated complaint management system.
- A comprehensive report for the institute's directors to understand the complaint patterns, types of recurring requests, identify problem areas and departments.
- Helps in CapEx planning based on the nature and department associated with the complaint.

2. **TEAMS Asset Management System**

Most commonly faced problems:

- An automated asset management system is absent in most of the commercial parks.
- AMC and PPMs are managed manually in most of the commercial parks
- A constant increase in AMC, and PPMs costs is observed
- Lack of control over AMC and PPM expirations.
- Inability towards tracking equipment AMC, and PPM details
- Inability towards tracking AMC, and PPM schedules

With TEAMS you get:

- Automated AMC, and PPM management
- The CEOs and operations director can have a real-time view of all the AMC and PPM status and details of all the equipment at every site, through a comprehensive dashboard.
- Reduction in the overall AMC and PPM costs by around 2-3%.



3. TEAMS Energy Management System

Most commonly faced problems:

- Lack of a centralized data
- Absence of an energy consumption tracking mechanism,
- Expenses exceeding total budget
- Absence of a monitoring system for preventive maintenance and AMC.
- Absence of post maintenance checks
- Inability to identify energy usage patterns
- Manual meter readings
- Lack of availability of online information about vendors and equipment suppliers.
- Excess water, fuel and gas consumption
- Absence of a centralized monitoring consumption, centralized dashboard to view energy consumption

With TEAMS you get:

- Constant monitoring of real-time energy consumption
- Accurate PAN India energy consumption reports for CEOs and operations director.
- Accurate meter readings and control over energy expenses
- Overall savings generated on energy costs – 2-3%.
- Auto reporting of deviations
- Auto reporting of excess consumption
- Over a period of time, the system will give accurate figures of actual consumption against the budgeted consumption.

4. TEAMS Inventory Management System

Most commonly faced problems:

- Poor and lack of an automated system has resulting into high inventory requirement at all times.
- Excess inventory consumption
- The absence of data on inventory consumption patterns
- No historical or present records of inventory issuance
- No minimum stock point available
- Lack of accurate information about the overall availability of inventory, etc.

With TEAMS you get:

- Controlled inventory consumption
- Comparison of the budgeted versus the planned inventory consumption
- Detailed inventory consumption patterns - activity, purpose and department wise.
- Monitor and manage smaller items under warranty
- Better control over inventory consumption and requirement at each location through inventory consumption mapping system, based on property mapping.
- Reduction in inventory usage and handling by 2-3%.
- Total annual cost saving of 2-3%



5. TEAMS Printing Management System

Most commonly faced problems:

- Excess usage of printing devices
- Excess and un-justified usage of printing papers
- Reasons for printing papers are unknown
- Absence of checks on the daily paper requirement.
- Excess paper requirement on a daily basis
- Excess costs incurred on the purchase of printing papers
- Absence of a reporting database that would help the administrators gain insights on the overall printing costs, papers used, etc.

With TEAMS you get:

- Generating of a generic as well as a user, floor, machine, area-specific report for printing services on a daily, weekly, monthly and yearly basis.
- Empowering the directors and departmental heads with a comprehensive view and understanding of various factors that have contributed to the printing costs.
- Detailed reporting with an employee code parameter that helps you know the number of papers printed by each employee and for what reason.
- Strong analytical generic as well as specific reports, helping you identify the pain areas
- Computing the printing cost incurred through each machine, each floor and the reasons behind it.
- Identification of cost-saving opportunities by reporting the un-justified reasons for printing.
- Revenue saving of approximately 2-3% PAN India.

TEAMS™

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