

CLOCKWORKS ANALYTICS

LEADING PHARMACEUTICAL COMPANY DRIVES ENERGY EFFICIENCY WITH CLOCKWORKS

PROJECT AT A GLANCE

A leading pharmaceutical company in Singapore has emerged as a standout example of how data-driven building analytics can drive meaningful energy savings. With a clear internal goal of saving €300,000 annually, the facilities and maintenance teams have leveraged Clockworks Analytics to identify inefficiencies, optimize equipment performance, and embed energy-conscious practices into their daily operations.

550
EQUIPMENT ANALYZING & OPTIMIZING IN REAL TIME

81
COMPLETED TASKS

$480,000
BUSINESS SAVINGS

1,082
TONNES OF YEARLY CARBON EMISSION AVOIDED

$515,042
YEARLY ENERGY CONSUMPTION AVOIDED

CHALLENGE

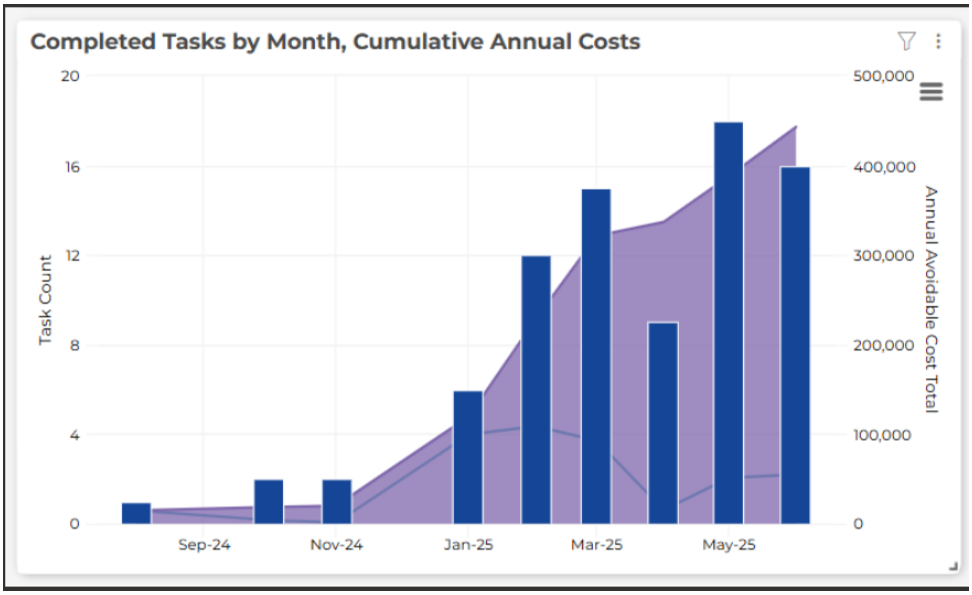
The site, comprising four buildings and two distinct operational groups— the Production Maintenance team and the Utilities team—faced the challenge of coordinating energy-saving efforts across diverse teams and systems. With ambitious savings targets and a complex infrastructure, they needed a scalable solution to streamline diagnostics, prioritize maintenance, and track progress.

SOLUTION

Since connecting to Clockworks Analytics in September, the site began actively engaging with diagnostics and professional services by October. Led by Jan Zajas, Clockworks' Consulting Services Engineer, the teams began cleaning up diagnostics and tackling tasks with precision.

Recognizing the need to respect the time and focus of technicians from different groups, Jan restructured the regular meetings to be more targeted and efficient. Instead of broad, generalized calls, he split the sessions by building and team—ensuring that each group, whether the Production Maintenance team or the Utilities team, received relevant insights and actionable tasks. This approach made the meetings more productive and worthwhile for everyone involved.

The teams quickly became power users of the platform, with over 20 active users regularly checking and updating tasks. They transitioned from relying on external support to independently creating and managing tasks, demonstrating deep familiarity with their building systems.



"The success of [this energy efficiency program] demonstrates clear potential for replicability at other locations within our organization. Clockworks' ability to integrate with existing BMS and its user-friendly interface make it an attractive solution for other facilities seeking to enhance their energy management practices."

SINGAPORE SITE PROGRAM MANAGER

RESULTS

Significant Energy Savings: The site has already achieved close to €500,000 in savings, surpassing their initial goal.

High Engagement: With the most active users across their organization, the Singapore team exemplifies how internal ownership can drive success.

Operational Efficiency: By integrating Clockworks with their work order system and maintaining a tidy task environment, they've streamlined maintenance workflows.

Data-Driven Decision Making: The team is now building custom dashboards within Clockworks to replace manual spreadsheets, aiming to make the platform their central hub for energy and maintenance insights.

LOOKING AHEAD

The Singapore site continues to push boundaries with condition-based maintenance and performance optimization. With support from the company's Singapore site Program Manager and the ongoing guidance of Jan Zajas as part of a Professional Service contract, the team is well-positioned to sustain and grow its energy-saving initiatives.

ABOUT CLOCKWORKS ANALYTICS

Clockworks Analytics provides state-of-the-art building performance management software for facility managers, engineers, and service providers. Clockworks Analytics flagship software, Clockworks™, provides automated diagnostics that reveal prioritized and actionable insights to improve facility performance and reduce costs, allowing teams to focus their time and resources on achieving the most impact. Using rich data and analytics, we help top-notch facilities teams stay on top by providing instant visibility into the highest-priority issues impacting their facilities every day.