eFACiLiTY®

DASSAULT SYSTEMES

Dassault Aviation, the manufacturer of Indian Air Force's Rafale aircraft, automates the maintenance operations of its Pune facility with eFACiLiTY®

BUSINESS REQUIREMENT

Dassault Systèmes Solutions Lab, **one of the subsidiaries of Dassault Aviation**, is a strategic R&D hub for Dassault Systèmes. The subsidiary's new facility is set up at the Rajiv Gandhi Infotech Park, Hinjawadi, Pune.

Dassault Systemes wanted to automate its maintenance operations for its new facility with a holistic view of both building and assets, receive alarms/alerts when asset/equipment fails, etc., which was possible only through a building management system (BMS) implementation.

ABOUT

Dassault Aviation, the French manufacturer of military aircraft and business jets, is the designer and manufacturer of the Indian Air Force's latest **Rafale**, which is the most advanced aircraft in the Indian fleet. Rafale is a supersonic multirole fighter aircraft capable of carrying out short and long-range missions. The inter-governmental agreement for procuring these aircraft was inked by the Indian government for Rs. 59,000 crores with France in 2016.

Rafale has helped India regain its air supremacy over the Indian sub-continent with long-range air-to-air and air-to-ground missiles. It is a fourth-generation aircraft with advanced radar, capable of low-altitude penetration, and electronic warfare capabilities.

SOLUTION

Dassault had a requirement, and Schneider Electric, the global energy management and automation specialist implemented its Building Automation System for the facility. For complete automation and meeting all the business requirements, Schneider required CMMS Software that will also integrate with Schneider Electric's BMS system.

Schneider chose eFACiLiTY® to collate and automate maintenance operations at Dassault's Pune facility owing to SIERRA's successful implementations for large organizations globally.

eFACiLiTY® integrated with **Schneider's BMS**, enabling **smart operations** and **efficient building maintenance**. After implementing eFACiLiTY® Enterprise Asset Management (EAM/CMMS), Dassault was able to set up a centralized system to track and manage assets/equipment, schedule preventive maintenance policies for all equipment/assets and capture BMS alarms triggered by functional building/facility systems through OPC DA protocol.

eFACiLiTY® also generates work orders automatically and sends email/SMS alerts to maintenance technicians/contractors.

BENEFITS GAINED

eFACiLiTY® enabled Dassault to manage and respond swiftly to maintenance requests, **reduce costs & downtime of equipment,** etc., and allowed technicians to prioritize, track, and complete work orders quickly. eFACiLiTY® offered them the required tool to ensure their operational efficiency and provided deep insights for **effective decision-making.**

Working with eFACiLiTY® provided Dassault also with the below substantial benefits:

- Reduced maintenance costs
- Alarm-based work order generation
- Real-time data logging, alerts, email/notifications