

During the last months, the project team at Eurostia has made three key advancements that are set to revolutionize various FM operations. In the realm of data analysis, Anomaly Detection Algorithms take center stage, promising early detection and proactive mitigation of anomalies. For ticket management and performance analysis, YodiFEM's cloud-based Action Tracking and Improvement Performance Analytics module is here and offers rich features and customization. And, to simplify the world of contracts and service-level agreements, Contract and SLA Management module empowers facility operators with real-time access.

Take a closer look at each feature:

a. Anomaly Detection Algorithm Implementation

Anomaly detection is the process of identifying unusual patterns or data points in a dataset that do not conform to expected behavior. Detecting anomalies at an early stage is essential because it allows for proactive measures to be taken, minimizing the potential negative impact of these anomalies, and leading to significant benefits across various industries and applications.

Two anomaly detection algorithmic approaches have now been implemented and evaluated on various available datasets, framed by the appropriate services and interfaces, in order to build two integrated anomaly detection solutions, each one with a different philosophy, but both with the same usability.

b. Action Tracking and Improvement Performance Analytics

Action Tracking and Improvement Performance Analytics is another promising service that helps users monitor the lifecycle of different tickets. It is a fully customizable ticket management module that provides an end-to-end tool for all aspects of the ticket lifecycle. At the moment, the functionality that has been implemented is that of creating new tickets, as well as viewing and searching for existing ones. In the next steps, this implementation is expected to be enhanced and finalized with more features and functionalities.

c. Contract Management

Contract and SLA Management module is a functionality that allows facility operators to file, maintain, and track their agreement documents (Contracts, SLAs), helping facility managers to have full access to the latest status and history at any time and place.

Together, these components contribute to the efficient and data-driven operation of smart facilities, optimizing performance and minimizing disruptions.