



With you Until Success...  
And Beyond...

## OBJECTIVES

Fullerton India needed an API management solution that was fast, scalable and efficient in terms of time and resource utilization. The solution needed to integrate with Fullerton India's multiple partners in a way that was flexible enough to accommodate the partners' existing solutions. The API management solution also needed to be capable of providing real-time analytics. To help Fullerton India achieve these goals, NUCSOFT developed a WSO2-based API management solution that addressed all of the above mentioned requirements.

## OUR SOLUTION

NUCSOFT deployed a WSO2 API Manager, on-premise in High Availability mode. The deployed API Manager centralized the API management activities across various Fullerton India's businesses. The deployed solution also used SOS Berlin for Workload Automation. The solution provided the following benefits to the client.

- Created an internal repository for all business services
- Exposed core services to the partners with High Throughput, High Availability and Traceability
- Provided the flexibility to integrate with multiple partners, and to extend user experiences
- Partners benefited with flexibility to customize their own solutions
- Deployed solution required approximately a fifth of the operational cost of the legacy system
- Provided Business and Operational Insights through Analytics component

## RESULTS

NUCSOFT's solution provides several advantages over the Legacy solution.

	<b>WSO2-Based Solution</b>	<b>Legacy Solution</b>
<b>Resource Requirements</b>	8 Core processor 16GB RAM (2 nodes)	32 Core processor 64GB RAM (8 nodes)
<b>System Availability</b>	100%	70%
<b>Average API Response Time</b>	~10 seconds	~180 seconds (3 minutes)

Since its initial implementation, the number of partners on-boarded and leads generated for Fullerton India has been growing significantly.

