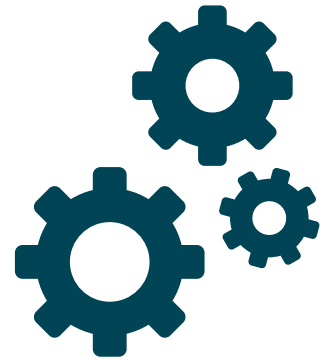


Driving Efficiency in Manufacturing Operations with MuleSoft

Challenge

- Develop mule applications (22 APIs) resource allocation in runtime fabric.
- Design and develop automated deployment(CI/CD) over existing manual deployment.
- Develop a Data Synchronization Application.
- Remove multiple application redundancy and improve performance.
- Configure monitoring Alerts and notifications on lack of resources.
- Application development support for fixing existing issues.



Strategy and Solution

- Designed custom dashboards to draw the required metrics for vcore and memory allocation for APIs in Anypoint Platform Monitoring by observing data in OpsCenter.
- Developed the corridor project of mule applications by integrating Salesforce, Oracle Database and Oracle JD Edwards systems.
- Decoupled the applications for data synchronization and efficient thread-pool management using Anypoint MQs.



- Configured alerts in Anypoint Monitoring to notify the customer/admins when the application's vCores, memory, avg response time and other performance metrics cross defined threshold values.



- Providing ongoing support for integrating new enhancements into the existing application, along with bug fixes and security patch updates.

Result



RESOURCES OPTIMIZED AND VCORES FREED UP TO BE UTILIZED FOR NEW PROJECTS.



ACHIEVED CONTINUOUS DATA SYNC BETWEEN THE ENTERPRISE APPLICATIONS.



40-70% FASTER IMPROVED THE PERFORMANCE OF EXISTING APPLICATIONS WITH 40-70% FASTER RESPONSE TIMES.



REMOVED APPLICATIONS REDUNDANCY.



AUTOMATED & REVAMPED CI/CD TO ALIGN WITH CATALYST DELIVERY & DESIGN FIRST APPROACH



NOTIFICATION/ALERTING SYSTEM CONFIGURED TO TRACK RESOURCE UTILIZATION.