Company Background

The client is a leading industrial distributor in North America. They are a leading industrial distribution company in North America with more than 80 years' experience.

Headquartered in Atlanta, Georgia and United States, the company has offices in 640 locations across 45 states and nine Canadian provinces.

Company provides a broad range of products and services to professional customers in the infrastructure & energy maintenance, repair & improvement and specialty construction markets.

The client provides products and services to approximately 400,000 professional customers.
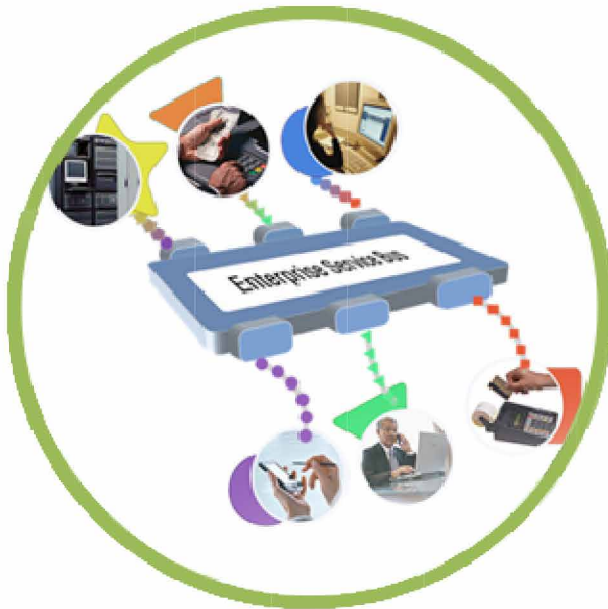
Benefits & Achievements
Business Need

HD Supply encountered problems in extensions of the current architecture of application as their business grew. So they planned to remove point to point connectivity between WebSphere commerce and White Cap back end with the help of IBM Web Sphere Message Broker.

Also mediates between major components of the infra structure:

- WebSphere Commerce, White Cap back end Systems and Error Management System (EML).
- With the new innovations in the organization, new application development on top of IBM WebSphere Message Broker was demanded.
- 24/7 support of the whole system became important to ensure timely resolution of issues when they occur.

ROYAL CYBER

Solution

IBM WebSphere MQ & WMB

- HD Supply used WebSphere Message Broker 8.0 as that is easier to install, configure and provide connectivity and universal data transformation for both standard and non-standards-based applications and services to power current infrastructure.

- WebSphere Message Broker V8.0 used as service provider to accept request from WebSphere commerce and then interact with White Cap back end to provide decoupling.

- Java Compute node were used to perform remote connection between WebSphere message Broker and WebSphere commerce through Jsch API.

- File nodes were used to transfer files from WebSphere Broker to WebSphere Commerce.

- WebSphere Message Broker v8.0 also used for sending status notification to EML framework.

- The applications developed by Royal Cyber fully comply with industry standards of security and performance.

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