Improved Accessibility for an Automotive Manufacturer

An Automotive Manufacturer

An automotive manufacturing division of Japanese transportation conglomerate and is one of the biggest automaker by production in the world.

Project/Service Category

Application Development and Maintenance

Technology

- J2EE
- SOFIA Framework
- JSP
- JDBC, Servlets
- TomCat
- JBoss
- Firebird

Benefits to Client

- Superior invoice maintenance system saves time and money with improved accessibility using online tracking of invoices and purchase orders with a detailed information list of the parts
- Significant reduction in the frequency of back-orders and lost sales due to the reduced lead time for planning and procurement of parts.

Background

The Indiana-based manufacturer of vehicles was finding hard to maintain the detailed information list of the parts that go into their vehicles and track the parts through different stages such as procurement, transportation, storage, and assembly.

Solution

HTC developed a Vehicle Application List (VAL) application that helps the client to manage the Parts, Supplier, and Vehicle information using the following components:

Parts Information: This component helps to manage information about the individual parts, the vehicle, and other related information. The Parts information managed details such as Part Number, Part Name, Part Status, Service or Trial, Part Production Status, Part Type, Cycle Check Code, and Company Code.

Part Usage: Part Usage component tracks the shop usage of the part. This component handles the details such as Shop code, Line code, Production Class, Source code, In house Purchase code, Usage Begin Date, and Usage End Date.

Supplier Information: This component acts as the Supplier information connection point to the ordering control data. The information handled include Supplier code, Order SNP, Order Method code, Generate Delivery order, Surplus stock indicator, Surplus stock percentage, Reorder Threshold Quantity, Supplier Begin date, and Supplier End date.

Destination: Destination component helps to manage the Vendor shipping and tracking information. The information captured include Depot, Destination, Tier Level code, To supplier code, To supplier depot code, State, Region, Transportation code, Shipping Lead Time, and Delivery per day.

HTC onsite team provided the necessary coordination support to HTC offshore team in India for development and testing.

HTC global services

- Over 25 years of IT and BPO experience in providing cost effective and innovative services across domains for a wide spectrum of global 2000 customers
- Quality and information security processes compliant to SEI CMM Level 5, ISO 9001, ISO 27001 and PCI DSS standards
- Global presence, large delivery centers, talented professionals, capabilities across multiple technologies, platforms and domains

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