Reinventing the core, reframing the future
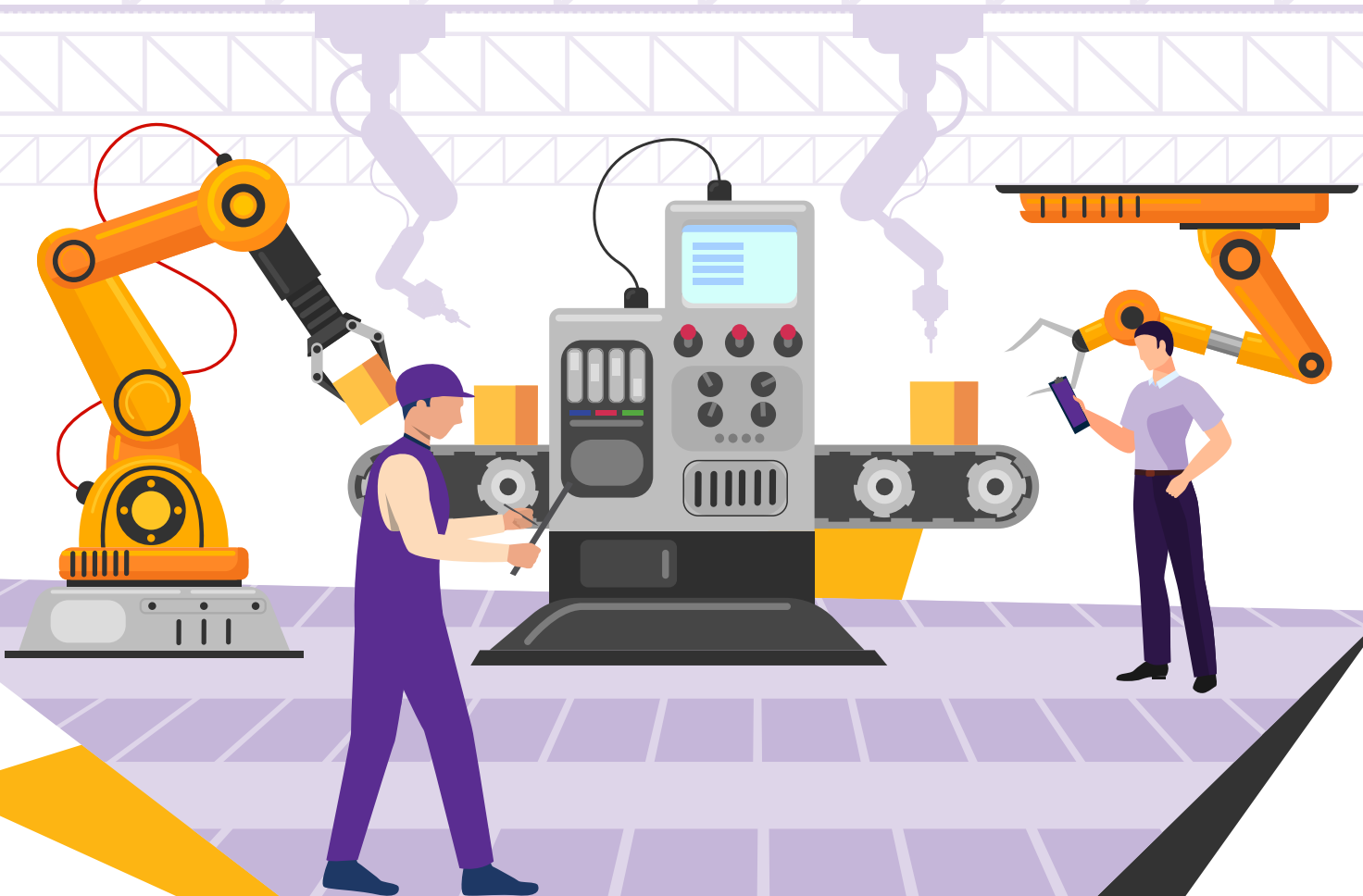
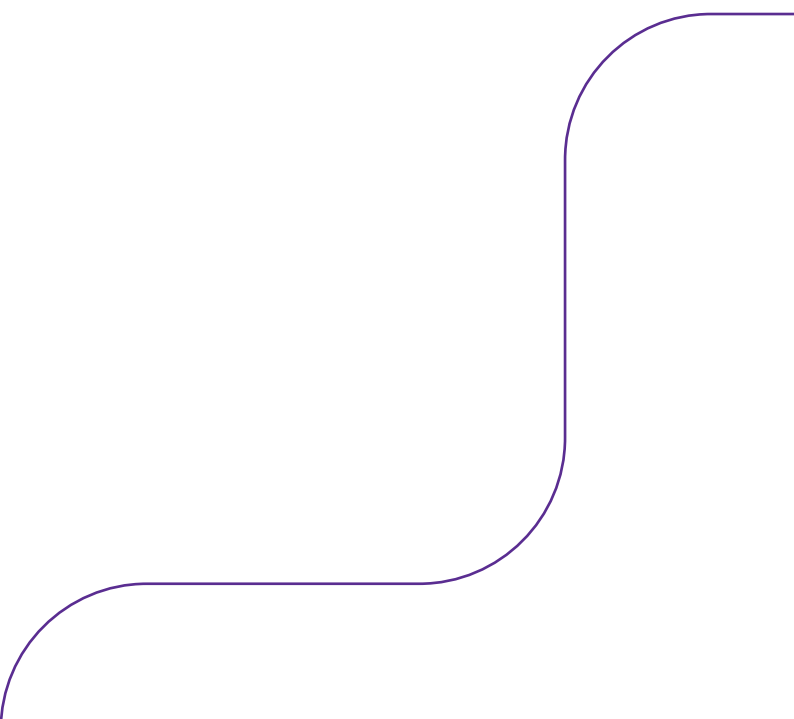## Oracle Book of Impact – Manufacturing vertical

Preface

Industry 4.0 – powered by artificial intelligence, IoT, advanced robotics, and rapidly evolving manufacturing technologies – is ready to remold manufacturing's traditional role. Make it the springboard for the structural transformation of economies, growth, and job creation.

The digital era has raised the bar in customer expectations, rewritten the rules for the nature of products, and changed the game's economics of production and distribution. Manufacturing and technology have intersected, so has manufacturing and retail. While this leap has created great value, it is bringing manufacturers under greater pressure to rethink their business models. This dynamic environment will force companies to assess their internal capabilities, analyze external shifts, and identify emerging points of influence and remap their strategic positioning accordingly.

At HCL, we firmly believe that the key to thriving in this ever-evolving environment is by creating and capturing value. This calls for a deep understanding of the factors driving change in specific manufacturing sectors. This focuses on activities that convey a structural advantage, leverages the skills and capabilities of third parties, and rethinks entire business models to identify influence points.

It is only by understanding these shifts, roles, and influence points that both incumbents and new entrants can give themselves the tools to navigate the new landscape successfully.

This booklet is a collection of our success stories - instances of our collaboration with our clients. We have assisted them in transforming their business models and helped them stay at the forefront of the ever-changing and demanding industry 4.0.

Oracle Cloud
A Large Multinational Conglomerate

About the client

With interests in aviation, power, healthcare, and renewable energy and deep expertise in additive manufacturing, materials science, and data analytics, the client is a conglomerate with a presence across 180 countries.

Business challenges

The client was looking to overcome process and operational inefficiencies that had crept on account of its spread across geographies and disparities in IT architecture. The challenges included
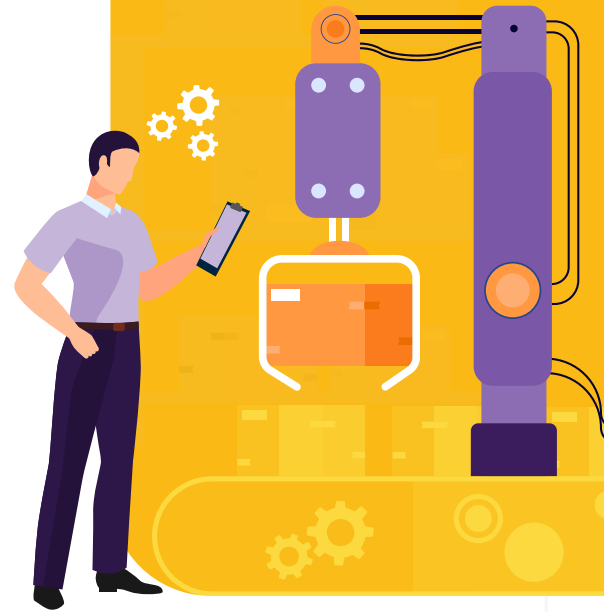
Absence of a fast-track approach for countries across South East Asia and ANZ

Limited functionalities triggered by disparate third-party systems

Lack of a transparent global template capable of addressing local requirements

Business process complexities on account of a diverse portfolio

Implementation of order management, shipping, and pricing on first release (R11)

Solution highlights

HCL approached the project with a view to streamline processes, inject business efficiencies, enhance end-to-end visibility and centralize data for richer insights and better decision-making. It was achieved by

Implementing the finance and supply chain modules (R11), AR, AP, GL, FA

Global template design and rollout approach

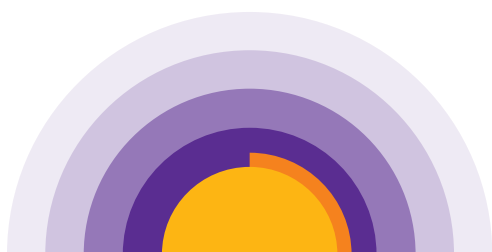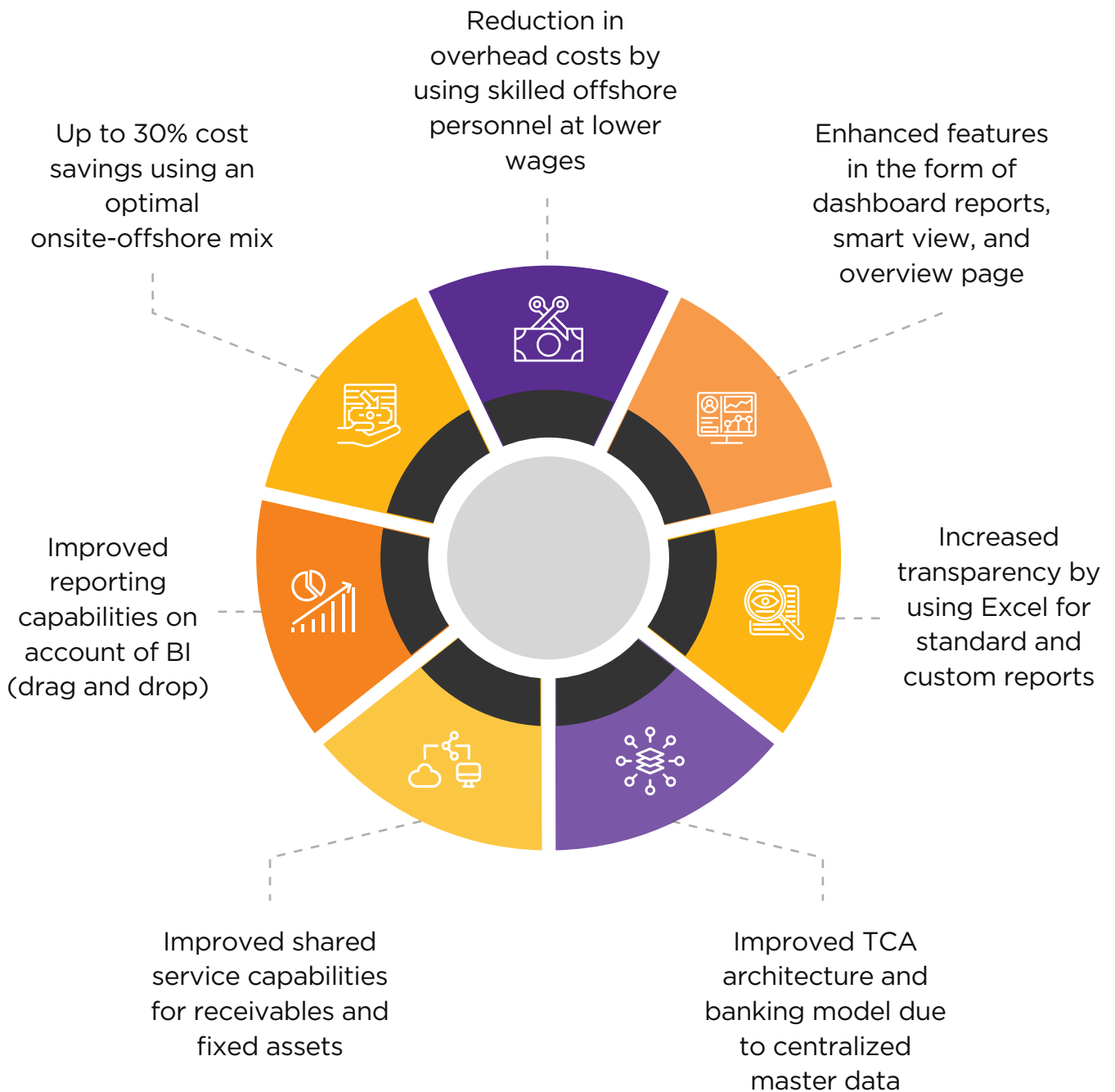Oracle cloud SOA-bvased integration with third-party systems

Integration with Salesforce

Hyper-care support post-go-live

Benefits to the customer

Reduction in overhead costs by using skilled offshore personnel at lower wages

Up to 30% cost savings using an optimal onsite-offshore mix

Enhanced features in the form of dashboard reports, smart view, and overview page

Improved reporting capabilities on account of BI (drag and drop)

Increased transparency by using Excel for standard and custom reports

Improved shared service capabilities for receivables and fixed assets

Improved TCA architecture and banking model due to centralized master data
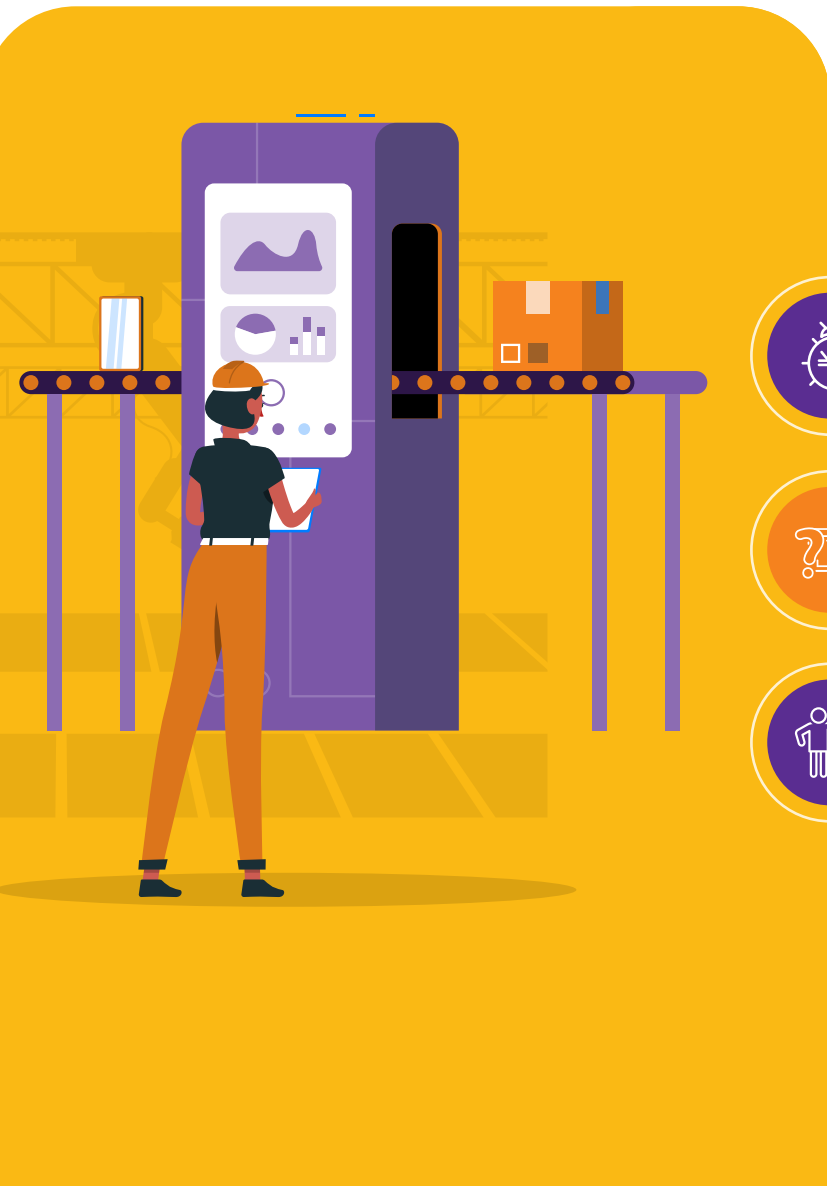
JD Edwards

Prominent Outdoor Power Product Manufacturer

About the client

A Sweden-based manufacturer of outdoor power products, with a footprint in 15 countries around the globe.

Business challenges

The client found them cornered by obsolete technologies that were hampering growth and productivity and adversely affecting decision-making. The challenges included.

Bugs and issues with the product version as it was running on outdated baseline technologies and hardware.
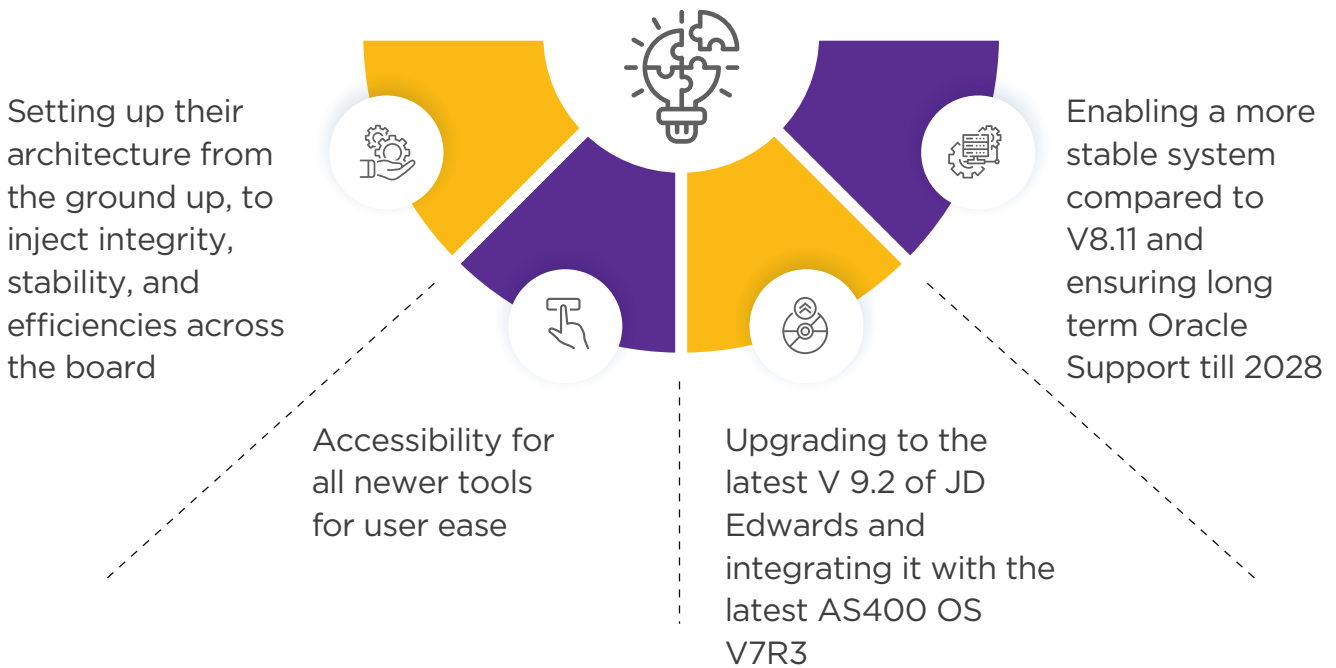
Lack of Oracle support for the discontinued JD Edwards 8.11 version.

Complex, error-prone, labor-intensive processes on account of the product being obsolete

Solution highlights

HCL team approached the client's business challenege with an emphasis on providing a future proof system and eradicating errors due to obsolescence. The solution included

Setting up their architecture from the ground up, to inject integrity, stability, and efficiencies across the board

Accessibility for all newer tools for user ease

Upgrading to the latest V 9.2 of JD Edwards and integrating it with the latest AS400 OS V7R3

Enabling a more stable system compared to V8.11 and ensuring long term Oracle Support till 2028

Benefits to the customer

Enhanced features within JDE toolset: Optimized user interface, advanced end-user query capabilities, improved IT admin functionalities, and disaster recovery enhancements.

Improved decision-making, thanks to one-view reporting, which allowed users to personalize their reports

Mobile apps integration, which made more than 80+ mobile apps available to the client, with the additional option to customize apps.

Improved the formatting and delivery with pixel perfect, thanks to BI Publisher

Enhanced web services, made possible by interfacing with other systems

Reduction in batch run-time due to code optimization in JD Edwards V 9.2

E-Business Suite
Fortune 500 Automobile Component Manufacturer

About the client

A global leader of automotive component manufacturer, boasts technical and application engineering centers across the globe.

Business challenges

The client was plagued by compliance issues, a lack of end-to-end visibility, and manual processes forced by the absence of standardizations and integrations. Together, they were adversely affecting performance, increasing complexities, and introducing inefficiencies at all levels, ultimately eroding the bottom line. The challenges faced by the client included:

High operational and maintenance costs to support three different Oracle 11i instances

Time-consuming month-end processing

Problems posed by decentralized payment processing

Online patching issues triggered by noncompliance of custom objects with Oracle Standards

Disintegrated tax handling

Manual processes for country-specific statutory accounting

Inability to perform processes across different SOBs
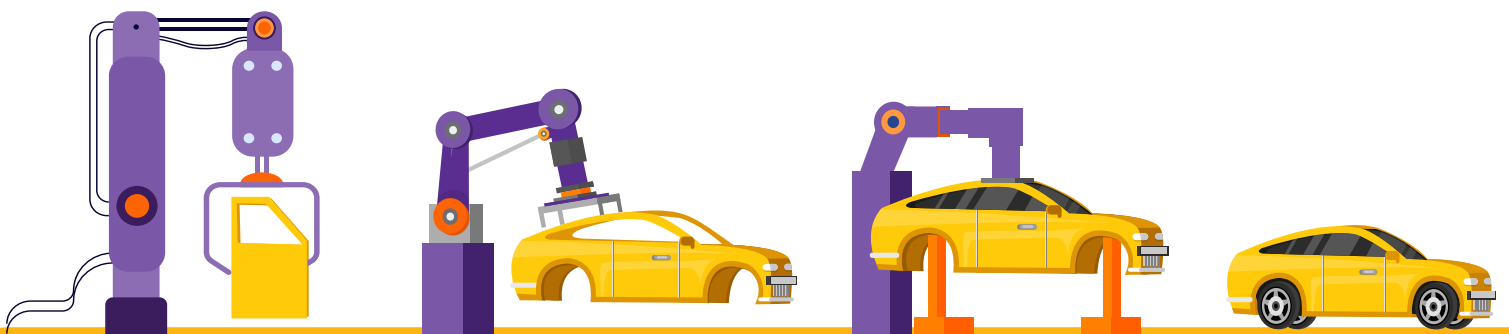
Solution highlights

HCL, as a trusted client partner for more than 13 years, knew exactly what the issues were, and how they could be handled. Its solution included

Business process transformation to introduce due diligence, assessment, process consulting, and application and process consolidation

Data integration by migrating multiple applications to Oracle, including outsourced vendor data, home-grown applications data, and local file system data

Upgrade of Oracle EBS/ASCP from 11.5.10.2/R12.1.3 to R12.2.4 – R2R, P2P, and Q2C modules to US and UK

Nomenclature standardization to modify more than 4000 custom objects to ensure compliance of custom objects with Oracle standards

Implementation of new requirements and features

Realigning existing processes with revised business processes

Benefits to the customer

A consolidated and optimized single enterprise application capable of providing flexible and scalable orders to cash, procure to pay, record to report, and hire to retire business processes.

Better control and reduced maintenance charges due to consolidation of systems and business process

New and enhanced functionalities

Consolidated aftermarket Europe into aftermarket Global Oracle 12.2.4 instance

Benefits of online patching functionality

For more information, reach us at **Oracle@hcl.com**

www.hcltech.com

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