LET'S TALK
APPLICATIONS

ENTERPRISE
RESOURCE
PLANNING

# A ROADMAP FOR MAXIMIZING
## SUPPLY CHAIN EFFECTIVENESS

Innovative SAP solutions for a digital supply chain
to manage today's dynamic business environment

# EVOLVING THE **SUPPLY CHAIN**

Today's global supply chains are extremely volatile and dynamic. On the one hand companies have to react to ever changing economic, political, and environmental situations. On the other hand, customer expectations are extraordinarily high. Out of stock means out of revenue and there is no tolerance for poor execution.

At the same time, today's supply chains are more complex than ever before. They span countries and continents. They involve multiple purchasing hubs, manufacturing units, and logistics operations that operate in a multitude of regulatory, tax, and customs regimes.

Through the use of emerging technologies like big data, in-memory computing, social media software, and cloud applications, software companies such as SAP have developed new application suites to adapt to this new global environment. These new solutions enable the transformation of the rigid supply chains of the past into balanced, dynamic, event-driven processes that sense, shape, and optimize demand across operations and enterprises.

However, the problem for many companies is that these new solutions overlap with existing core applications such as SAP ERP or SAP APO (Advanced Planning and Optimization) without fully replacing them. As a result, it can be confusing and challenging for companies to work out how they can best advance their supply chain systems to gain the benefits and agility of the new solutions.

Thanks to our global supply chain leadership within the SAP ecosystem, HCL is well positioned to help companies achieve the critical transformation from existing supply chain systems that are focused on processes and organization to the next generation of applications that are firmly focused on collaboration and dynamic orchestration.

# SALES AND OPERATIONAL **PLANNING**

New technologies are having a particularly significant impact on sales and operational planning. Previous solutions were process focused, often operation specific, and limited by the speed at which demand and supply situations could be assessed and shared among all stakeholders.

Today, big data and in-memory computing are allowing real-time, what-if scenario planning across the entire enterprise. Not only that, but they are also allowing operational and financial planning to be integrated so companies can fully understand the implications of decisions. And, by using social media type software for real-time collaboration across regions, business units, and external business partners, they are enabling high level strategic plans to be directly linked with day-to-day operations.

Many organizations around the world already rely on HCL's supply chain expertise to help them design and deploy the optimum planning and orchestration solutions for their business. As a result of our in-depth experience, we can help you achieve the right balance between innovation and proven solutions that deliver tangible value today and in the future.

# PROCUREMENT

Procurement is also benefiting from the new technologies. With our proven capabilities gained from hundreds of procurement optimization projects worldwide, we can provide the expert guidance that will help you determine whether a cloud-based or an on-premise procurement solution best suits your business needs. And, once the roadmap is developed, we can use our extensive experience to help you design and deploy a next generation procurement platform and integrate it with your ERP system.

By using solutions like SAP Ariba and SAP Supplier Relationship Management, we are providing customers with flexible platforms for the complete sourcing to payment procurement cycle, including contracting, supplier management, publishing, buying, and spend management. Through the deployment of cloud based solutions clients not only gain lower cost of ownership and the ability to adapt workflows quicker to changing business conditions, they also gain access to a growing supplier network that includes millions of vendors. Finally, they can further increase efficiency through multiple value drivers including spend visibility, tactical sourcing, spend compliance, process automation and vendor price compliance.

# LOGISTIC EXECUTION

The latest SAP solutions for Extended Warehouse Management (EWM) are more powerful than ever before. They now have the capabilities to manage warehouse operatives, carry out yard planning and management, and accommodate even the most complex billing and warehouse logistics requirements. They also tightly integrate with other execution processes, such as transportation and global trade management, providing a single seamless logistic execution ecosystem that allows companies to react better to the many last minute supply and/or demand changes.

With such solutions, we have been able to help companies shorten cycle times, improve customer service, reduce inventory, optimize and redeploy their workforce, and improve their reporting, through both standard reports and delivering real-time Key Performance Indicators (KPIs).

With a proven track record in delivering SAP based warehousing, transportation, and global trade solutions, as well as by mobility platforms for logistic execution, you can safely partner with HCL to help you deploy a fully integrated solution for real-time execution and visibility across your extended network.

# GLOBAL **PACKAGING AND LABELING**

Accurate labeling is important for all companies and particularly vital for industries like pharmaceuticals, chemicals, high tech, and consumer goods. Our integrated Global Packaging and Labeling (iGPL) solution has been specifically designed to take the time and effort out of this crucial area while improving accuracy and compliance.

By automating packaging and label creation processes, and incorporating global regulatory requirements (e.g. U.S. FDA 21 CFR Part 11: Electronic Records Electronic Signatures), industry best practices, and Good Manufacturing Practice (GMP), employees who are not familiar with legal or in-house requirements can accurately print labels. Plus, the application integrates seamlessly with SAP applications for maximum efficiency.

Ask our experts to learn how other organizations have quickly addressed their most urgent process gaps in packaging compliance and time to market by leveraging the HCL iGPL solution integrated with SAP PLM.

## WHY **HCL?**

At HCL we are experienced at helping companies maximize the effectiveness of their supply chains. Our highly experienced consultants with business and technical experience can help you devise a clear strategy and objectives for your supply chain, create a practical roadmap for achieving them and deploy the appropriate technologies successfully, so you maximize your return on investment.

And our expertise and knowledge is recognized by Gartner, who rated us as having extensive support for key aspects of SAP supply chain management applications[1].

## NEXT **STEPS**

At HCL we are confident that we can help you streamline and digitize your supply chain, which is why we would like to offer you a complimentary assessment[2]. We will analyze your SAP supply chain landscape and suggest a future roadmap best suited to your business needs. Please get in touch and we will arrange a more in depth discussion with one of our SAP supply chain specialists.

E-mail us at integrated.applications@hcl.com

## 30% REDUCTION IN **INVENTORY**

When a British producer of soft drinks wanted help to optimize the use of its facilities, by providing the information needed to make the best decisions about where to manufacture and store products, it selected the SAP Advanced Planning and Optimization component, and HCL as a partner to help implement it.

Working together we helped the client successfully implement and integrate all aspects of its forecasting, demand planning, production planning, design, deploy and integrate processes. The results were a 9% increase in forecast accuracy, a 30% reduction in inventory over four years, a 9% reduction in stock movements to the national distribution center, and a 35% increase in direct shipments from factories.

APPLICATION
SUPPORT &
MAINTENANCE

BIG DATA &
BUSINESS
ANALYTICS

BUSINESS
ASSURANCE
& TESTING

CLOUD, DIGITAL
EXPERIENCE &
MOBILITY

COLLABORATION,
CONTENT & SOCIAL

CUSTOMER
RELATIONSHIP
MANAGEMENT

DIGITAL
SYSTEMS
INTEGRATION

E-COMMERCE
& OMNI-CHANNEL

ENTERPRISE
RESOURCE
PLANNING

HUMAN
CAPITAL
MANAGEMENT

MODERN
APPLICATION
DEVELOPMENT

PLATFORMS &
INTEGRATION

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