

Reviewing Of Existing Systems For Project Work

1. Oracle NetSuite – Oracle Corporation

It is a supply chain management system for small and medium size organizations – especially those with relatively vanilla and less complex projects. It allows a wide range of customer install base and resources of software giant Oracle.

Year: In 1998

Strength: Has a powerful and long-term SaaS ERP system that was built in cloud.

Limitations: Its lack of fixed pricing structure and additional charges accessibility requires specialized knowledge and budget for add-on costs.

Technologies Used: Java, Javascript, SQL.

2. Microsoft Dynamics 365 – Microsoft

It provides services to satisfy the needs of users with relatively simple supply chain processes. It is a flexible product that integrates relatively well with third party systems.

Year: in 2016 (as part of Microsoft Dynamics)

Strength: It is a very good fit for many small-scale organizations.

Weakness: It is limited in providing help in the entire management of your entire supply chain, as it struggles to meet more complex supply chain needs and its network of resellers and implementation partners is a mess.

Technologies Used: C#, .NET, SQL.

3. Plex Systems – Plex Systems

It was one of the first SaaS ERP systems to focus on two of the most imperative business processes, such as; supply chain and manufacturing capabilities.

Year: In 1995

Strength: Very good for companies with complex supply chain planning such as those in aerospace and automotive industries. It is also a mature cloud SCMS solution.

Limitations: It lacks a lot of supporting implementation partners.

Technologies Used: Java, Javascript, SQL.

4. IFS – IFS AB

It is another SCM Software with full ERP capabilities that provides services such as handling dispersed supply chains like those involving field service crews in the utilities industry.

Year: In 1983

Strength: It offers multiple deployment options including cloud on premise, and hybrid options.

Limitations: The solution is not well-known as some of the others and its network of implementation partners is relatively weak as compared to others.

Technologies Used: C#, .NET, SQL.

5. HighJump – Korber AG (acquired HighJump in 2017)

It is a viable supply chain management system in the small business to mid-market space. It allows users to be able to handle complex shipping vessel, and port scheduling needs.

Year: In 1983

Strength: Strong in warehouse management and retail distribution.

Limitation: It is relatively expensive and less robust than some of its competitors.

Technologies Used: Java, Javascript, SQL.

6. Blue Yonder – Panasonic Conglomerate (acquired in 2021)

It provides a narrow and deep focus on Supply Chain Management where it provides extended functionality to address manufacturing and shop floor planning which is used by companies in food, beverage, and pharmaceutical products.

Year: In 1985 (as JDA Software)

Strength: Its relative functional strength is in sales and operations planning, retail, and workforce management.

Limitation: It cannot be addressed to some broader functionalities that some of its counterparts have.

Technologies Used: Java, Javascript, SQL.

7. Infor CloudSite - Infor

It offers users with supply chain and enterprise-wide offering services to users looking for a more complete manufacturing, distribution, or back-office solution.

Year: In 2002 (as Infor)

Strength: It allows for multi-party collaboration, along with innovative functions such as its control center, predictive analytics, and working capital.

Limitations: It has limitations for businesses with unique requirements as some users find it less flexible than other ERP solutions.

Technologies Used: BI# in C#

8. Manhattan Associates – Manhattan Associates

This solution is hyper-focused on providing deep supply chain management capabilities to omnichannel companies and other companies which deal particularly with grocery, food, beverage and retail.

Year: In 1990

Strength: It is strong in logistics and transportation, making it a good option for retail and distribution companies.

Limitation: It is limited in that virtually all implementations run through Manhattan's professional services arm, which can limit implementation options and resource availability for customers.

Technologies Used: .NET, Java, Javascript, SQL.

9. Logility – Logility (acquired by American Software in Atlanta in 2020)

It is an SCM Software that offers customizable modules that easily integrate with each other and work together for a common goal. It includes modules such as: Demand, Supply, Inventory, Deploy, Product, Integrated business planning and supply chain data management.

Year: In 1996

Strength: The solution is characterized by less time and effort in implementation, and data management in the supply chain is fast and efficient.

Limitation: It is sometimes cumbersome and pricey for small firms

Technologies Used: Java, Javascript, SQL.

10. Oracle SCM – Oracle Corporation

It offers multiple lines of business solutions with a variety of components in its SCM suite such as: Supply chain planning, Procurement, Inventory management, Manufacturing, Logistics, Order management and Maintenance.

Year: In 1977 (as Oracle)

Strength: It offers affordable prices and flexible software solutions to many small-to-medium businesses and its cloud promises to boost their business growth.

Limitation: Implementation of the system requires significant investments and time-consuming workforce upskilling.

Technologies Used: Java, Javascript, SQL.