ATP process in S/4HANA

Organizational challenge

The organization needed to guarantee with certainty the calculation of available dates per material, according to the ATP process in the subsidiary company S4 HANA and SAP ECC, when creating a sales document (orders, quotations).

This process was also captured in reports, where you can have visibility of the status of the sales documents created in the subsidiary company and SAP ECC, regarding the availability and delivery of the material provided by the company.

By searching for purchase orders linked to the purchase of raw materials from a subsidiary to the parent company.

Our proposal

As our client was expanding in the Republic of Mexico and America, many of its functions presented critical failures related to the management of the client's business and it was determined that its technological systems were not adequate to the standard business solution proposed by SAP.

It was necessary to build two intertwined processes that would allow the customer to calculate the available dates per material.
For this purpose, the Capability Maturity Model Integration CMMI methodology was implemented.

Our Client

Recognized industry leader in the manufacture of carbon steel profiles and tubes and components, we serve various industries such as construction, automotive, agricultural, furniture, among others.

They have production plants and distribution centers in Mexico and the United States, as well as a wide network of distributors, so their products are present throughout the Americas.

Characterized by the quality of their products and the wide existence and variety of service inventories.

Currently, they have the most modern plant in Latin America in the manufacture of steel profiles, tubes and components.

- ✓ Functionality that allows real-time verification of delivery plans, control of delivery quantities and optimal replanning.
- ✓ LOG Report, which provides information on the Management of the delivery schedule.
- ✓ Functionality module that provides a response of material availability in orders in Sales.

2024. All rights reserved T&M Consulting

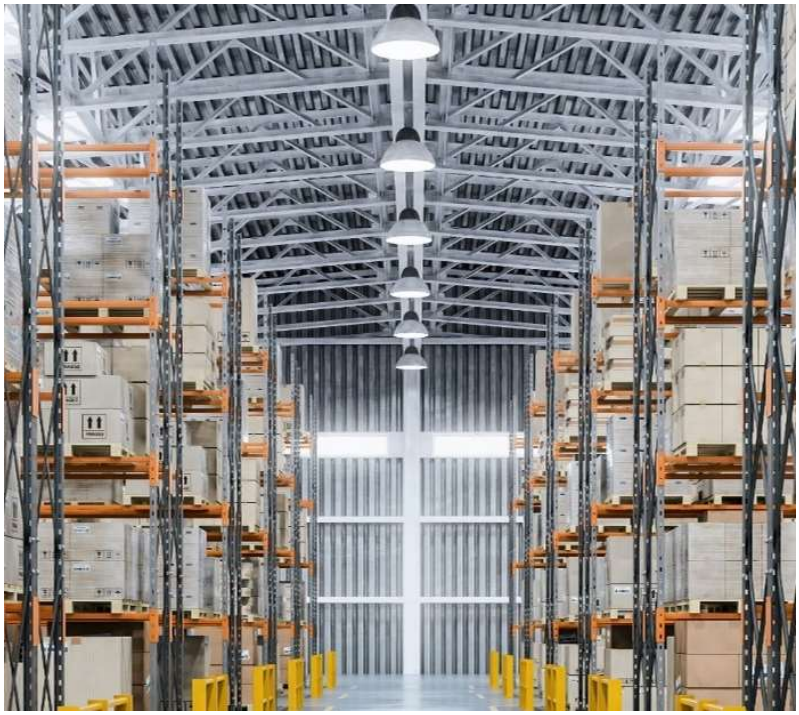
Results

The organization achieved better service and process control by monitoring and controlling the availability and delivery of the material it supplies.

Optimization of the search for raw material purchase orders, in relation to its subsidiary company.

100% improvement in service and process control, by visualizing delivery plans by material in ATP, which allows controlling the availability of the materials requested in the customer's purchase orders.

Optimization of service and process control, by being able to check the availability and delivery of the material provided by the subsidiary. Through the search of purchase orders linked to the purchase of raw materials between subsidiaries.



Specific benefits to highlight:

- ✓ Process control.
- ✓ Effective search of purchase orders, linked to the purchase of raw material, between subsidiaries.
- ✓ Control of the availability and delivery of the material provided by the subsidiary.

Lessons learned

1. Build a solution design, which will be adapted to the client's business management which is not based on the standard SAP process.
2. Work on the organization's S4 HANA Server.
3. Experience in handling order management model in Sales and Distribution (SD), Production Planning (PP) and Stock transport orders (MM). Due to ATP check during order creation, generates confirmation proposals for the material including confirmed quantities and dates.

2024. All rights reserved T&M Consulting