





USE CASE


Transform Your Materials Requirements Planning



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CHALLENGE

Erratic Demand. Changing PAX Loads. Inability to Accurately Predict Inventory Levels.

One of the primary challenges Materials Requirements Planning (MRP) operators face is the dynamic and often unpredictable nature of demand. They must contend with fluctuating passenger loads, varying routes, and evolving preferences, directly impacting inventory requirements. The ability to accurately predict and adapt to sudden changes in demand remains a significant challenge.

Additionally, coordinating with numerous suppliers with unique schedules and lead times can be intricate and demanding. The MRP operator must balance stock levels while maintaining just-in-time inventory levels and avoiding costly stockouts or overstocking. Furthermore, the need to continuously optimize procurement processes while controlling costs adds a layer of complexity to their responsibilities.

SOLUTION

Complete Visibility into Asset Levels from the DRP to the MRP to the NDC

Paxia Assets provides MRP operators with a powerful toolkit to address their complex responsibilities and challenges. Our forecasting and demand planning



tools offer precise insights into inventory needs, helping operators automate the creation of purchase orders. Paxia Assets streamlines supplier communication and material procurement, ensuring the right quantities are sourced at the right time. The three-way invoice matching feature adds a layer of financial control, enhancing accuracy in accounts payable processes. Additionally, Paxia's SKU management simplifies item tracking, and its reporting and analytics capabilities empower MRP operators to analyze historical data and generate reports by identifying trends, anomalies, and consumption patterns, which inform data-driven decisions for cost control and inventory optimization.

While challenges persist in this dynamic industry, Paxia Assets serves as a comprehensive solution that empowers MRP operators to manage inventory, control costs efficiently, and confidently meet the ever-evolving demands of the airline industry.



BENEFITS

Powered by Paxia Assets

Incorporating Paxia Assets into the MRP process ensures streamlined, data-driven, efficient inventory management, supplier relationships, and procurement processes within the airline industry. Paxia is a comprehensive solution that enhances visibility, control, and collaboration across the supply chain.

Inventory Management

Efficiently manage inventory at the National Distribution Centre (NDC) through a user-friendly interface that allows operators to have real-time visibility into stock levels and easily track items such as meals, beverages, blankets, and more

Demand Forecasting & Planning

Generate accurate demand forecasts based on historical data from catering stations through robust forecasting and demand features, enabling prediction of future requirements and ensuring the NDC maintains optimal stock levels

Smart Min-Max Policies

Set and enforce minimum and maximum stock levels more effectively through algorithms that calculate ideal stock thresholds, helping operators prevent stockouts and excess inventory

Streamlined Supplier Communication

Simplify communication with suppliers by quickly creating purchase orders specifying quantities, prices, and delivery dates

Three-Way Invoice Matching

Verify that invoices align with purchase orders and actual receipts and enhance accuracy in the accounts payable process and validate invoices before payment

Supplier Relationship Management

Document supplier agreements, track performance, and negotiate terms to optimize procurement processes to manage supplier relationships more effectively

Efficient Order Processing

Simplify the order processing workflow by creating, modifying, tracking, and confirming purchase orders that streamline the entire ordering process, reducing errors and improving efficiency

Optimized Material Flow

Ensure that materials are procured and delivered just in time, reducing storage costs and waste by analyzing processing times, lead times, and supplier schedules

Transfer & Distribution Management

Plan and execute inventory transfers seamlessly between NDCs or distribution to catering stations

SKU Management

Manage and assign unique Stock Keeping Unit (SKU) codes to items for end-to-end tracking, simplifying the management of a diverse range of materials



Paxia Cloud—One platform for all your catering management and onboard service needs. Visit us at paxiasolutions.com and discover what you can do with Paxia.

