More4apps

Toyota Boshoku USA Reduces Bill of Materials Process from Weeks to Days

Manufacturing - Case Study

Product
Bill of Materials Wizard

Company
Toyota Boshoku USA

ERP System
E-Business Suite

Industry
Manufacturing

Toyota Boshoku USA's Engineering, Sales, and Manufacturing landscape is a complex web of interactions.

Updates are constantly needed in an accurate and timely manner, especially when it concerns Bill of Materials (BOM) information.

A Complex set of Multiple Data Systems

Toyota uses multiple systems to contain BOM information. Aside from the engineering system, BOMs and manufacturing BOMs are in both Toyota's ordering system as well as Oracle EBS.

Manually processing multiple manufacturing BOMs causes a significant amount of duplicated effort and introduces potential errors and risks for essential inventory data.

The Challenge

Toyota knew they could not eliminate these systems, so they undertook a project to migrate their manufacturing BOM master data with Oracle EBS.

Due to the complexity of the engineering system, Toyota manually updated BOM details before loading them into any system.

Since making Oracle EBS the master, they were required to get an interface to feed BOM data to their Ordering system.

Toyota found it took 3-4 weeks to get their engineering BOMs into their ordering system and Oracle EBS. Upon further investigation, they discovered that most of their plants were maintaining an Excel BOM in addition to the data loaded into their systems.

The Solution

Toyota was desperate to find a tool that would extract its engineering BOM into Oracle. Therefore, reducing the amount of manual effort and the number of manufacturing inventory issues.

The More4apps team of experts met with Toyota to fully understand their pain points. In doing so, they determined that the More4apps BOM Wizard would be the most suitable tool to release Toyota's staff from using separate systems for maintaining BOMs.

Installing the BOM Wizard extinguished the need to maintain a separate Excel file for BOMs since changes are uploaded directly into Oracle. By using the More4apps BOM Wizard, Toyota could streamline its process to pull data from its engineering system to Oracle EBS.

After using the More4apps BOM Wizard at their first plant, Toyota quickly realized the tools' worth. End-users reported significant time savings; they entered data in 3-4 days instead of 3-4 weeks.

Happy with the results provided by the BOM Wizard, Toyota started to evaluate more of More4apps tools, like the Price List Wizard and Purchase Order Wizard. Once more Wizards are implemented, Toyota expects to experience even more time-saving benefits across their workforce.