ATEXbase and PLM/ERP Integration

ATEXbase Extends and Enhances both Product Lifecycle Management and Enterprise Resource Planning Systems

PLM and ERP systems solve complex problems and like other industries, apparel, footwear and consumer products companies have licensed these systems to aid their processes. PLM/ERP systems provide real benefits, but as in most enterprise applications there is room for further enhancement and automation. ATEXbase is complementary to PLM/ERP systems through its detailed materials library, quality test tracking and secure collaboration capabilities. ATEXbase solves different problems than PLM/ERP systems as it extends and enhances both.

Designed as an independent SaaS application, ATEXbase is often deployed in conjunction with a PLM/ERP system due to its broad application and distinction in materials, quality and compliance management. Most customers use ATEXbase to super-charge their PLM/ERP investments and realize immediate returns.

ATEXbase provides a REST based API to enable bi-directional communication between ATEXbase, PLM and ERP systems. This integration capability is utilized by many global brands today.

The ATEXbase API provides clients the ability to perform Create, Read, Update and Delete (CRUD) functions on the data stored in ATEXbase. This functionality removes the need for duplicative data entry in both ATEXbase and PLM/ERP systems. PLM and ERP systems can perform these operations in real-time or as batch/queue requests that are sent at specified intervals.
Integration between TEXbase and PLM/ERP can be achieved in a variety of ways based upon business requirements:

1. **TEXbase First** – Data is entered into TEXbase prior to being loaded into the PLM/ERP system. With this method, TEXbase is used for end-to-end materials development. Customer information is loaded into TEXbase and intelligent specification templates define performance and regulatory requirements for fibers, yarns, fabrics and components. Electronic signatures fully automate and certify the specification process. Once complete, approved material information is transferred into the PLM/ERP system. This allows for a PLM/ERP system to contain only developed and approved materials.

2. **PLM/ERP First** – Data is entered into the PLM/ERP system and then pushed into TEXbase for development. This methodology is useful for instances when a library of data must reside in a PLM/ERP system prior to development. The material development, testing and approval processes will be conducted within TEXbase. Once the process has been completed, material information and approval status from TEXbase are transferred back to the PLM/ERP system.

3. **Hybrid** – Certain information is stored in TEXbase and in the PLM/ERP system. Data is transferred back and forth as needed. This method is useful when material information is needed in the PLM/ERP system during development and a portion of that information needs to be synchronized with TEXbase. With this method, data can originate in either system. Once the initial data has been transferred, changes to the data in each system is maintained through synchronization across the TEXbase and PLM/ERP interface.

TEXbase works with each client to identify the best methodology for integration and provides support and technical specifications throughout the process.

**About TEXbase**

TEXbase provides compliance, quality and materials management software solutions that power great product experiences. We innovate quality assurance data management, supplier collaboration and product compliance solutions for the apparel, footwear and consumer products industries. TEXbase is a pioneer in web-based business solutions and collaboration platforms that unite brands, retailers, suppliers and testing labs that trace compliance and quality from raw materials to finished product.