

SMART MATERIAL MASTER BOT

Automating Material Management
for Enhanced Business Efficiency

About us

Founded in 1997 in Atlanta, GA, Smartsoft has consistently grown by offering diverse services to SAP clients across industries. Over two decades, we've expanded our capabilities and earned numerous accolades, including Gold Partnership with SAP.

Product Overview

The Smart Material Master Bot, built with SAP Build Process Automation aims at supporting business processing of material master, by automating the bulk creation of materials in SAP S/4HANA (On-Premises, Public/Private Cloud Edition) from Excel, significantly reducing operation time. It enhances efficiency by streamlining repetitive tasks and ensuring data accuracy. This tool allows businesses to focus on more strategic activities while maintaining consistency in material management. The bot reads input data from an Excel template, automates Material Master creation, and writes the status back into the same template.

Benefits



Time Savings

Reduced material creation time by 80%.



Error Reduction

Eliminated manual errors, ensuring data accuracy.



Improved Efficiency

Allowed employees to focus on higher-value activities, such as optimizing supply chains



Scalability

Adapted to the company's growing needs, handling increasing volumes of material creation effortlessly.

Simplify Bulk Material Creation with Material creation bot

Automating Material Management for Enhanced Business Efficiency

Scenario

A large manufacturing company regularly deals with the bulk creation of materials in SAP S/4HANA. The manual data entry process is time-consuming, prone to human errors, and resource-intensive. With frequent material updates, the company needs a scalable, error-free solution to manage thousands of material records efficiently.

The Smart Material Bot automates the entire process of creating materials in SAP S/4HANA. Using SAP Build Process Automation, the bot uploads material data from Excel files directly into the system, eliminating manual data entry. It integrates with the SAP API Hub to ensure smooth and secure data transfer, and it is compatible with SAP S/4HANA on-premise and cloud environments.

Solution

Key Features



Comprehensive Material Creation

Automates the creation of materials, including various views such as Material Requirement Planning (MRP), info records, classification, and source lists. This comprehensive solution ensures that all necessary data is entered accurately and swiftly.



Efficient Integration with SAP API Hub

The bot integrates with SAP API Hub, ensuring robust and efficient data management. This connectivity provides a smooth transfer of information, allowing for real-time updates and collaboration.



Scalability & Flexibility

Capable of handling multiple batches of materials, the bot is scalable across multiple desktop agents, ensuring enhanced performance as business requirements grow. Whether dealing with small or large data volumes, the bot ensures consistent results.



S/4HANA Integration

Fully compatible with SAP S/4HANA (On-Premises, Public/Private Cloud edition) support the bot facilitates smooth integration, enabling businesses to continue operating with their existing infrastructure without disruption.

For more information on how the Material Creation Bot can transform your material management processes

Contact us:

 connect@smartsoftus.com  +1 770 368 0208

smartsoftus.com