

iCreate

Material Master Workflow Automation

Governed, Automated, Audit-Ready – Material Master Creation

OVERVIEW

iCreate is an end-to-end, six-step material master creation workflow built on SAP BTP – spanning UI, integration, workflow orchestration, and backend layers. It enforces strict dual-approval governance (Procurement + Finance) before any record is created in S/4HANA Public Cloud – ensuring speed without sacrificing control.

THE SIX-STEP WORKFLOW

01	Buyer Request	Submitted via Fiori/SAP Build App (Material Type, Description, Plant, UOM, Valuation Class, Estimated Cost)
02	Auto Validation	Duplicate check via S/4HANA API, mandatory field & Material Type-vs-Plant validation
03	Procurement Approval	Routed to Procurement Head inbox; validates necessity, existence, and classification
04	Finance Approval	Triggered post-Procurement sign-off; validates Valuation Class, GL Mapping, Costing, and Financial Impact
05	Material Creation	Creates Basic Data, Purchasing Data, and Accounting Data; record posted to S/4HANA Public Cloud
06	Confirmation	Buyer receives Material Number and status via email/in-app BTP

ARCHITECTURE AT A GLANCE

LAYER	UI	Integration	Workflow Engine	Backend	Business Rules
TECHNOLOGY	SAP Build Apps / Fiori	BTP Integration Suite (CPI/APIs)	SAP Build Process Automation	SAP S/4HANA Public Cloud	SAP Build Rules

Governance by Design

Enforces sequential approval gate – validation passes before Procurement, and Procurement before Finance. Only dual approval triggers S/4HANA creation. Rejections loop back with comments.

WHY IT MATTERS

Procurement and finance leaders get a fully governed, auditable material creation process – with no compliance shortcuts – while buyers get speed and visibility they've never had before.

To learn more contact us at info@nihilent.com



Nihilent
evolving ideas

/ Humanizing
Techno/ogy