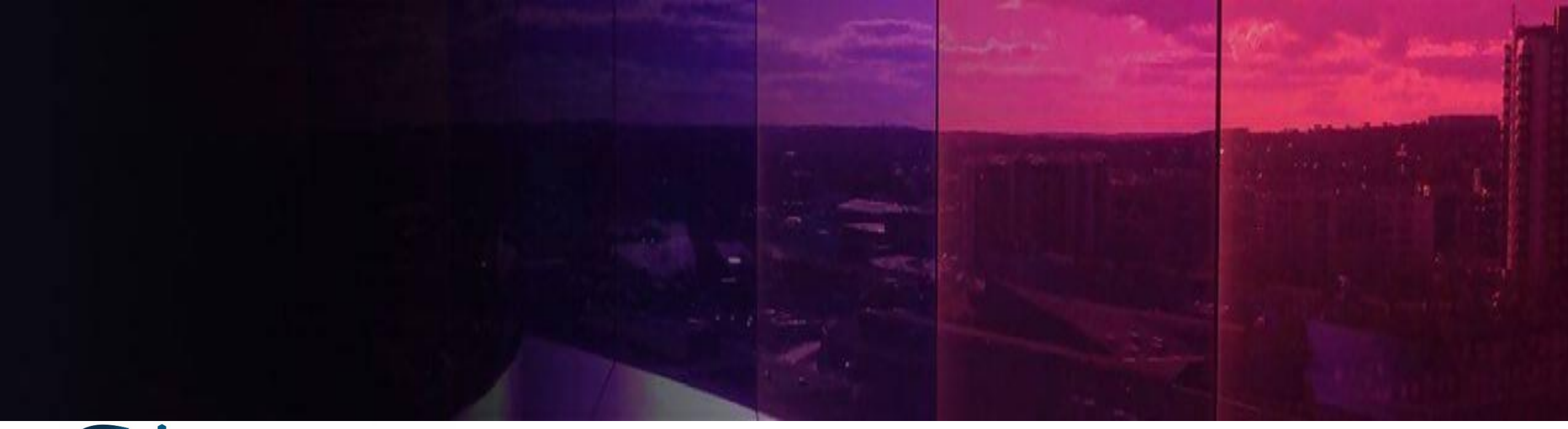


Smruthi
Chemicals and Intermediates

Modernise API Manufacturing with an AI-Ready ERP on AWS

Why Modernise Pharma ERP?

Active Pharmaceutical Ingredient (API) manufacturers depend on traceability: every lot of material must be traceable from receipt through QC release to the finished batch. When the ERP is outdated and finance runs in a separate tool, approvals are slow, batch records are fragmented and answers take too long to find.

By moving to a modern ERP on AWS, Smruthi Chemicals and Intermediates gets AR-number batch traceability, configurable multi-level approvals and a Bedrock-powered Copilot that answers ERP questions in plain language, within each user's permissions.



Benefits

- **One Record per Batch —**
  Every goods receipt creates a unique, immutable AR number, so each lot is traceable from receipt through QC release.
- **Approvals That Follow Your Rules —**
  Multi-level routing by department, material type and value, configured once and applied to every purchase requisition.
- **Ask the ERP in Plain Language —**
  A Bedrock-powered Copilot answers PR/PO status and stock by AR number, read-only and within each user's permissions.
- **Built for a Regulated Future —**
  A secure AWS foundation, ready for GAMP-5 validation, data migration and the next AI agents.

The comprehensive path to an AI-ready ERP

Amazon Web Services provides Smruthi with a secure, scalable cloud foundation for its new ERP — a private VPC, IAM-based access control and managed access to foundation models through Amazon Bedrock, without maintaining AI infrastructure.

Combined with a custom AR Number Service and Approval Matrix Engine, Smruthi gets a traceable, rule-driven ERP with an AI Copilot built in.



Comprehensive Capabilities for API Manufacturers

- **Purchase and Inventory Modules** –
  PR and PO management, goods receipt and a quarantine → QC → release or reject workflow, per batch.
- **Approval Matrix Engine** –
  Configurable multi-level approvals by department, material type and value.
- **AR Number Service** –
  Unique, immutable batch identifiers created at goods receipt, the basis of full traceability.
- **Conversational Copilot** –
  Read-only, permission-scoped natural-language answers on PR/PO status and inventory by AR number.

Resources

AWS Services Powering Smruthi

- **Amazon Bedrock:** https://aws.amazon.com/bedrock/
- **Amazon VPC:** https://aws.amazon.com/vpc/
- **AWS IAM:** https://aws.amazon.com/iam/

Smruthi ERP Platform

An AWS-hosted ERP for regulated API manufacturing, with purchase, receipt and inventory modules, a multi-level approval engine, AR-number batch traceability and a Conversational Copilot built on Amazon Bedrock.
Modules: PR & PO Management, Material Receipt & Inventory, Approval Matrix, AR Number Service, Copilot.

https://www.smruthichemicals.com/

SST
Together we can make it possible

AWS Partner Promotion

Shri Sai Tech's AI-Ready ERP Solution on AWS helps API and pharma manufacturers replace legacy ERP and spreadsheets with one traceable platform for purchasing, receiving, QC and inventory.

Every goods receipt creates a unique, immutable AR number. A configurable Approval Matrix Engine routes requisitions by department, material type and value, and a Conversational Copilot built on Amazon Bedrock answers PR, PO and inventory questions in plain language.

The Copilot is read-only and permission-scoped: it can answer questions but cannot approve or change records, so AI sits safely alongside a regulated plant's existing controls.

Teams benefit from full batch traceability, rule-based approvals, faster answers and a foundation ready for GAMP-5 validation and go-live.

Ready to modernise your manufacturing ERP? Contact Shri Sai Tech to see the Smruthi ERP Copilot in action.

Call to Action

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