

Smruthi
Organics Limited

Accelerate Compliant Batch Manufacturing & Release on AWS

Why Modernize Batch Records?

Pharmaceutical, API and specialty-chemical manufacturers are expected to make product to exacting specifications and prove, on demand, exactly how each batch was made and released. Yet many still run on paper batch records, spreadsheets and hand-signed reviews that cannot keep pace or stand up to audit.

eBPCR digitises the whole batch record on a secure AWS foundation — every step captured on screen, spec-checked in place, reviewed and e-signed, and written to a tamper-evident audit trail.



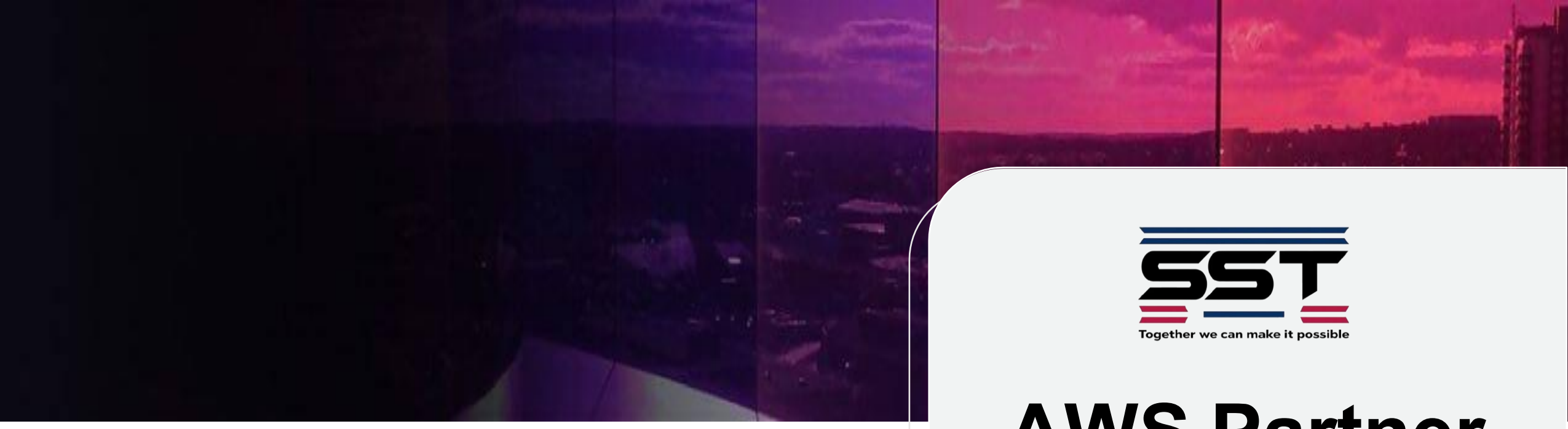
Benefits

- **Single Source of Truth —**
  Every batch record captured, spec-checked and searchable in one place — No scattered paper, no transcription gaps.
- **Connected Review & Release —**
  Production and QA work one closed loop — per-block sign-off, queries, and PIN-signed release, with nothing re-keyed.
- **Compliant by Design —**
  Electronic signatures, audit trail and ALCOA+ controls built for 21 CFR Part 11 and EU Annex 11.
- **Configurable for Any Product —**
  Products, tasks, specs and workflows are configured, not coded — the same platform fits APIs, formulations or chemicals.

A secure, managed AWS foundation for batch records

Amazon Web Services gives eBPCR a secure, scalable and fully managed cloud foundation to run electronic batch records at scale — avoiding the complexity of maintaining application and data infrastructure while benefiting from enterprise-grade security and elastic scale.

Combined with Amazon RDS for PostgreSQL, Amazon Cognito for identity and Amazon S3 for records — with Amazon CloudWatch, FastAPI and Next.js / React across the stack — eBPCR delivers a best-of-breed manufacturing-record platform.



Comprehensive Capabilities for Regulated Manufacturers

- **Electronic Batch Execution** –
  Step-by-step capture of weights, liquid charges, monitoring and in-process tests, with automatic out-of-spec flagging.
- **Review, E-Signature & Release** –
  Production → QA review → release pipeline with per-block PIN sign-off, queries and rectification.
- **IPC Requisition to QC** –
  Raise an in-process analysis to QC; receive the AR number, result and remark back under PIN authorization.
- **Governance, Equipment & Scheduling** –
  Role-based access per site, deviations against the exact step, an append-only audit trail, plus equipment, cleaning and scheduling.

Resources

AWS Services Powering eBPCR

- **Amazon RDS for PostgreSQL:** https://aws.amazon.com/rds/postgresql/
- **Amazon Cognito:** https://aws.amazon.com/cognito/
- **Amazon CloudWatch:** https://aws.amazon.com/cloudwatch/
- **Amazon S3:** https://aws.amazon.com/s3/
- **Amazon S3:** https://aws.amazon.com/s3/

eBPCR Platform

Compliant electronic batch production & control records — electronic execution, connected review & release, role-based access and audit — built for regulated manufacturers on AWS.

Built for: Pharmaceuticals, APIs & bulk drugs, formulations, specialty & fine chemicals, nutraceuticals, CDMO / CMO and biotech — the same configurable platform across sites and business units.

https://smruthiorganics.com/

AWS Partner Promotion

Shri Sai Tech's eBPCR platform on AWS helps manufacturers capture the batch at the point of work, review and release it in one connected loop, and prove data integrity — all on a secure, scalable AWS cloud.

Built on Amazon RDS for PostgreSQL, Amazon Cognito and Amazon S3, eBPCR delivers electronic batch records, connected review & release, configurable no-code product models and role-based operations.

Because products, tasks, specs and workflows are configured rather than coded, the same platform serves pharma, APIs, specialty chemicals and more — with per-tenant isolation so it grows across sites and business units.

Get started: digitise one product's master BPCR and run a pilot batch — from first weighing to e-signed release — on a secure AWS foundation.

Call to Action

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