



If compliance depends on people, it will eventually fail.
If compliance is built into the process, quality becomes repeatable.
Vegam SFS is Compliance by Design.

Most plants chase compliance after the fact — checklists, sign-offs and review cycles forced onto the process. Vegam SFS is the AI-native manufacturing operating layer for pharmaceutical batch production that builds **compliance into the way the batch runs**: every parameter, check and signature captured at the point of execution, against the master recipe, as work happens. The result is quality produced right the first time, not inspected in later — fewer deviations, fewer reworked batches, fewer losses between departments. SFS integrates seamlessly across your IT and OT layers — SAP, LIMS and QMS above, DCS, PLC and SCADA below — replacing none of them, and gives corporate one standard across every site and CMO.



Compliance by design

21 CFR Part 11 · EU
Annex 11 · ISA-88/95 ·
ALCOA+ · CSV-ready



Seamless IT-OT integration

SAP, LIMS, DCS, PLC
and SCADA connect
through pre-built
connectors



Audit ready, always

Audit trail, e-signatures
and role-based access,
captured as work
happens



Digitised SOPs

Electronic SOPs,
logbooks and work
instructions, enforced at
the point of entry

One operating layer. One record. Not six tools bolted together.

Vegam SFS covers execution, quality, laboratory, warehouse and maintenance on a single governed data model, so the batch never leaves a controlled context and nothing is reconciled after the fact.

PROVEN IN REGULATED BATCH MANUFACTURING

Henkel · BASF Coatings · SIKA (MBCC) · Arkema · JSW Steel · Saint-Gobain · SKF · Unilever

One platform for batch execution, quality and compliance, from dispensing to release.

Five problems every pharma batch plant knows. And what Vegam SFS does about each one.

The losses live between departments, not inside them. ERP plans, automation runs the equipment. **Vegam SFS executes and orchestrates everything in between.**

ERP

→ Vegam SFS

→ Automation

→ AI

1 Batch release is slow: the bottleneck is paperwork, not chemistry

QA reconstructs the BMR, in-process results, deviation closures and CoAs from separate systems before a batch can ship.

VEGAM SFS

The EBR executes with the batch, not after it. Parameters, checks and signatures captured against the master recipe as work happens, so the release pack assembles itself.

2 Deviations surface late and get investigated without context

Found at review, days after the event, with no linked view of the materials, equipment, operator or prior occurrences involved.

VEGAM SFS

Exception-driven operations. Deviations captured at the point of execution, routed through configured escalation paths, and linked to full batch genealogy, equipment state and CAPA history.

3 Data integrity is structural, not a training problem

Separate MES, LIMS, QMS and ERP each keep their own record. ALCOA+ breaks in the seams between them.

VEGAM SFS

One governed data model across the plant. ALCOA+ by construction: audit trail, electronic signatures, role-based access. 21 CFR Part 11, EU Annex 11, ISA-88/95, CSV-ready.

4 Every plant is different, so standardization keeps failing

Semi-automated, fully automated, CMO-dependent, legacy-constrained. Corporate templates either force a model plants can't run or fragment into local builds.

VEGAM SFS

The harmonizing layer. Corporate fixes the data model, KPIs and compliance; each site configures workflows, equipment and CMO steps inside those boundaries. Configuration, not forks.

5 AI initiatives stall: there is no reliable operational context

Layered over fragmented data, AI produces plausible answers with no operational grounding. Pilots stall and trust erodes.

VEGAM SFS

MOM governs actual execution, so high-fidelity operational data is a byproduct of running the plant, not a separate project. That foundation feeds the twins, copilots and agentic AI.

Most pharma execution tools stop at the batch record. **Vegam SFS coordinates the whole plant, production, quality, laboratory, warehouse, maintenance and utilities, on one data model,** and one operating model across many plants, CMOs and pilot lines.

See it run on your batch.

A focused walkthrough against your real operation: your products, your batch records, your deviations. Pick your region and book a slot, or call us directly.

[Book a discovery call](#)
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