



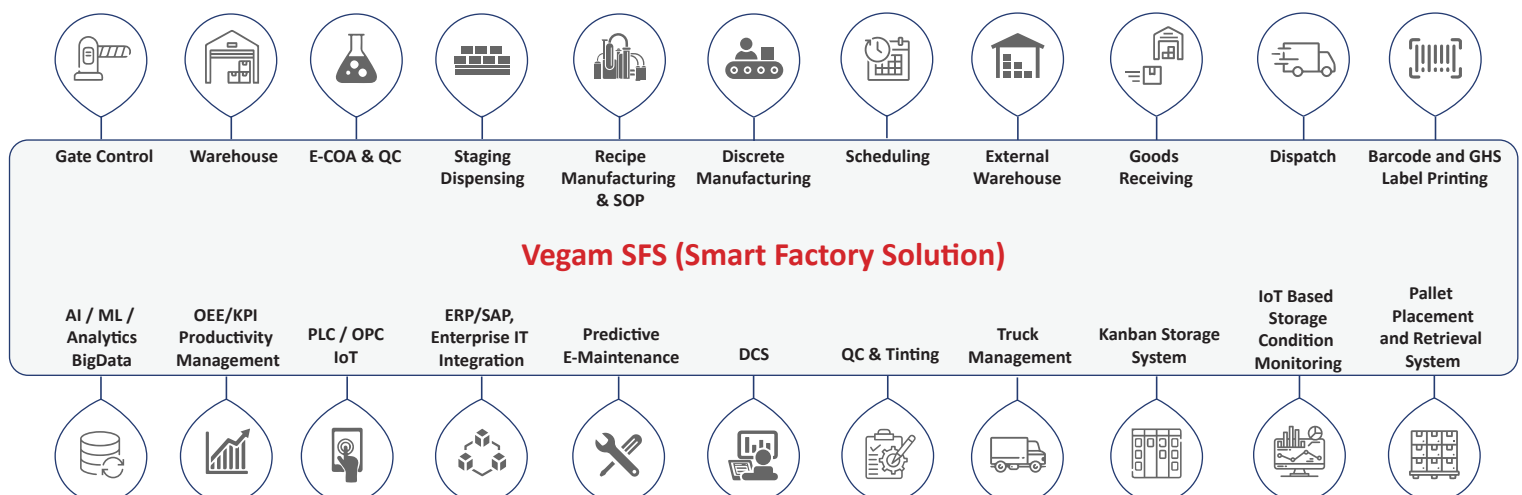
Vegam SFS (Smart Factory Solution)

Vegam SFS

Vegam SFS enables a cyber-physical environment in a manufacturing plant. It digitizes the production workflows and integrates man, machine and material interactions in real time. It offers a holistic view of current and historical operations and events from the plant.

- Real-time insights enabling better decisions
- Seamless integration of information across operating units, plants and regions
- Unifies data that helps create analytical solutions, improving quality, yield and reduce losses.

Vegam SFS Modules

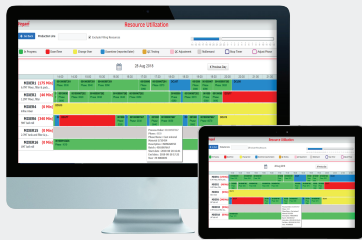


Key Features

- Raw material staging and material handling optimization
- Pull based material replenishment (Kanban)
- Offers OEE, OPE, OLE, configurable KPIs and dashboards.
- Digital SOPs for paperless execution
- Integration with PLC/SCADA/DCS
- Handle complex logics in chemical manufacturing with precision and supports multiple chemical technologies.
- Inbuilt SHE information.
- Integrated GHS/CLP compliant label printing
- AI ML ready data for prescriptive production

Differentiators

- Works effectively in DCS controlled fully automated plants, semi automated plants and manual plants.
- Allows different SOPs to co-exist in the same plant.
- Highly configurable to suit multiple business needs and provides an end-to-end comprehensive solution.
- Easy integration with third party applications.
- Fully integrated IOT platform, batch analytics, label printing solution
- Onsite and cloud deployment options.
- 24*7 Support.



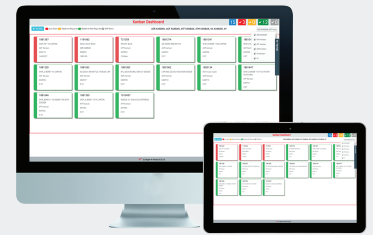
Real-Time Dashboards

- Real time process status.
- Anytime/anywhere accessibility.
- Easy identification of the progress.
- Detailed information at a glance.



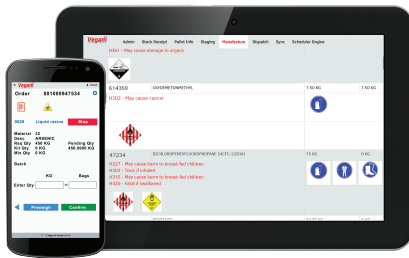
Descriptive Reports

- Out of Box Reports for various KPIs for production operations.
- Plug and Play based custom reports.
- Configurable drill down feature zoom with data range.
- User configurable chart types.



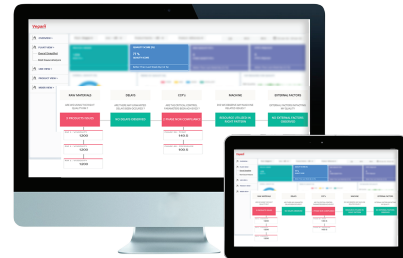
Material Management

- In-depth part bag management.
- Handle complex logics with precision.
- KANBAN process.
- Pre-processing SOP for materials.
- Real-time stock and inventory.



Digital SOP

- Integrated QC, SHE, and other compliances with training on-the-go.
- Real-time alerts on process deviations.
- In-process QC recording, configurable CCPs, manual and/or automated data logging.
- Support for multiple SOPs (BOM/process) for the same SKU.
- Parallel and/or sequential operation, pre-processing, pre-weigh, QC additions, and dynamic phases.
- B2MML support for DCS/PLC driving and PLC, OPC, IoT enabled.



Batch Traceability & AI/ML Analysis

- Analyze historical data to determine best batch produced- Golden batch specifications and comparisons.
- Predict batch quality based on current data.
- Generate real time alerts and triggers on deviations.
- Create an environment, which continuously improves and evolves.