

Case Study - Chemical Plant :

World's Largest Adhesive Manufacturing Unit

Overview :

Size : 150,000 sq. M

Capacity : 428,000 tons of adhesives annually

Customers : Over 2000

Industrial grade adhesives manufactured for mission critical usage

The challenges :

Common weakness of shop-floor management is process KPIs and operational KPIs are not available in a transparent and instantaneous manner – process inefficiencies are not clear.

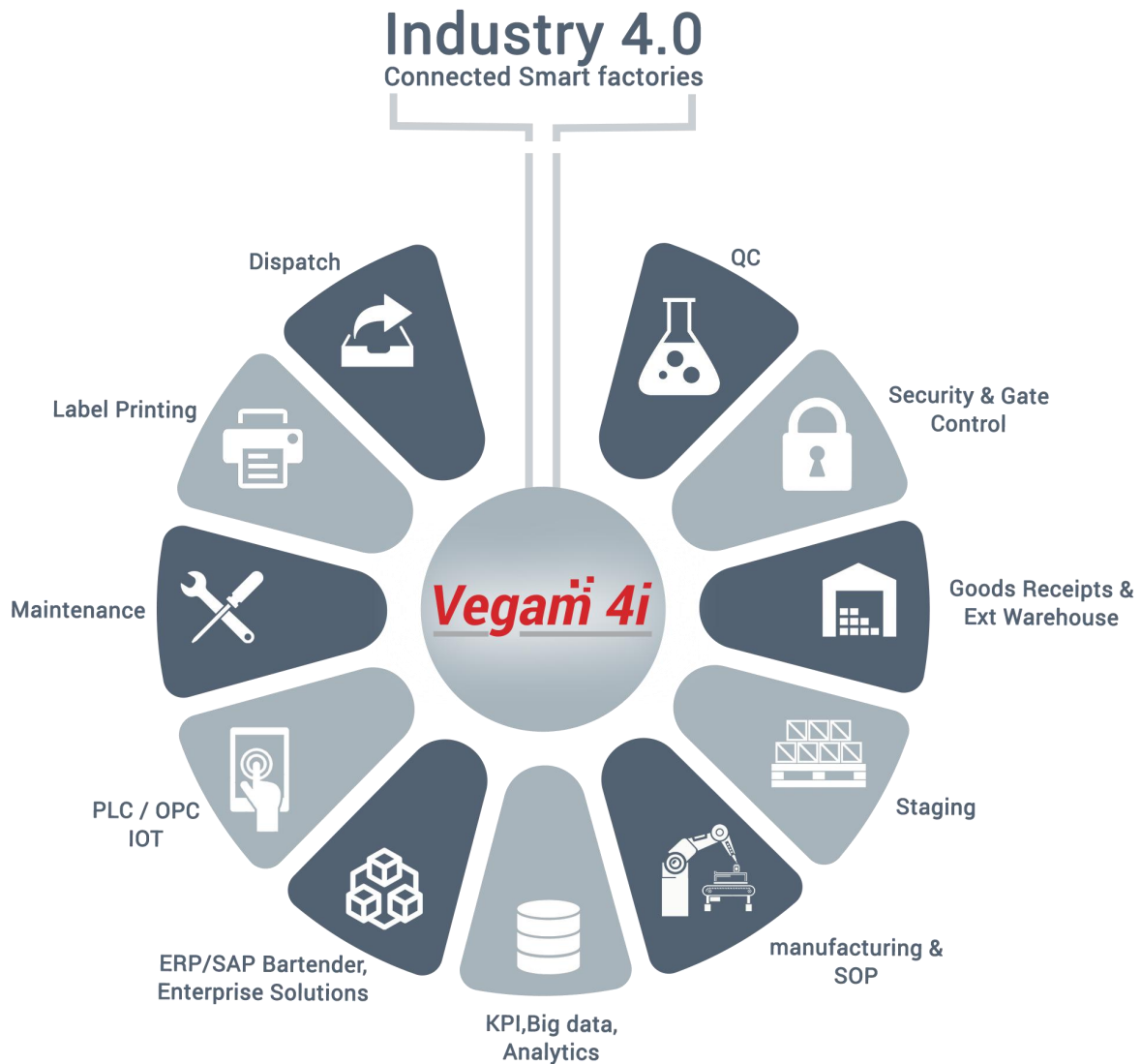
Usual cause is processes being managed in multiple environments e.g. spreadsheets, lotus notes data bases, web tools and non integrated systems including PLCs generating information silos.

A lean factory requires integrated approach to managing various processes and visibility of performance indicators while allowing seamless material flow.

Our solution :

A customizable manufacturing execution system that enables smooth process-flow, smart monitoring and decision making – Lean Manufacturing & MES

Vegam 4i: A process design tool that allows seamless integration of critical information across various operating units with in a plant



Results :

- Cycle time reduction achieved across all sites with a strong downward trend with in 2 months of deployment.
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- Increments in plant 1 have already been achieved in 2014 up from 60 Tons to 90Tons.
- All sites shows achievement in productivity with in 2-3 months of deployment

