

Towards a Recipe Driven Organization

Presented by Terry Murphy, Strategic Operations
Pharmaceutical Development &
Manufacturing Sciences

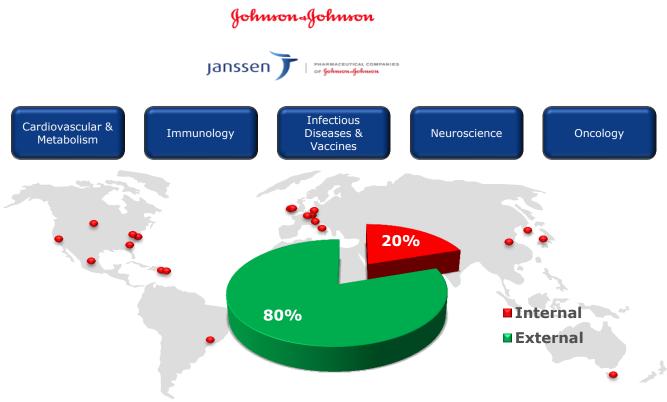


Overview

- Introduction to Janssen and our challenges
- Defining the recipe based knowledge management strategy
- How the OSIsoft PI System enables that strategy
- Closing remarks



Janssen





Current State

REACTIVE ANALYSIS

- More time spent on aggregation than analysis
- Lack of knowledge management strategy
- Mix of paper/electronic
- Unstructured data
- Few standards
- Little built-in context
- Efforts mainly focused internally



Lab/Clinical/Commercial





Future State

PROACTIVE ANALYSIS

- Automated data aggregation
- More time spent on analysis than aggregation
- Common knowledge management strategy
- Electronic data capture
- Structured data
- Common standards
- Internal/external focus



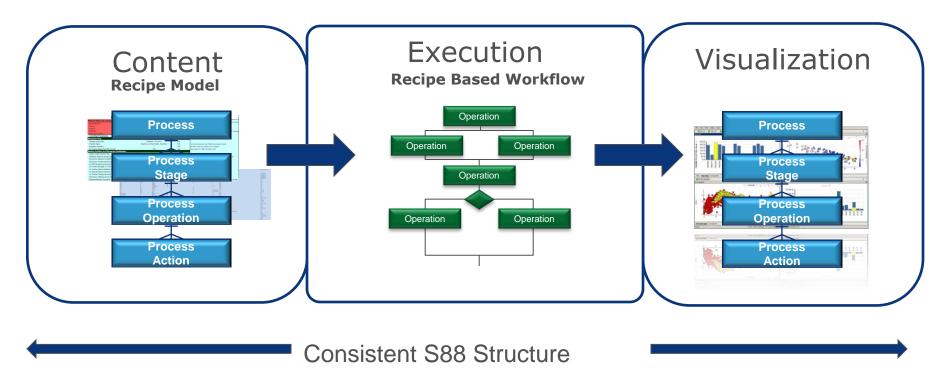
Recipe Based Knowledge Management

Lab/Clinical/Commercial



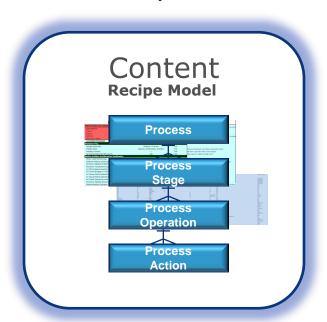


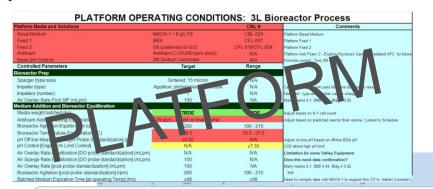
S88 Recipe Based Knowledge Management Strategy

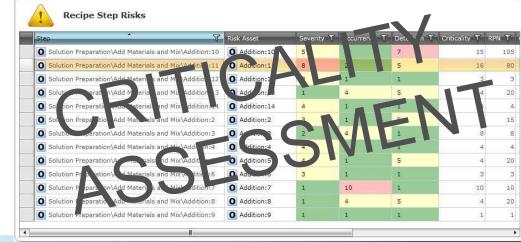




S88 Recipe KM Strategy: Content

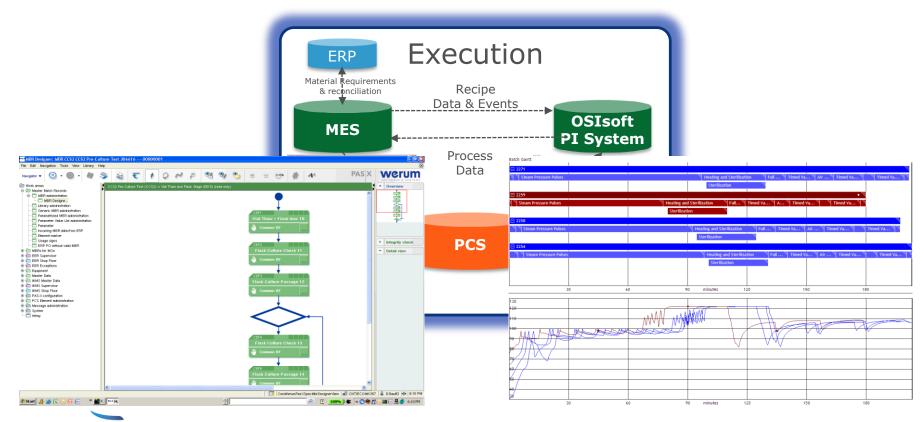






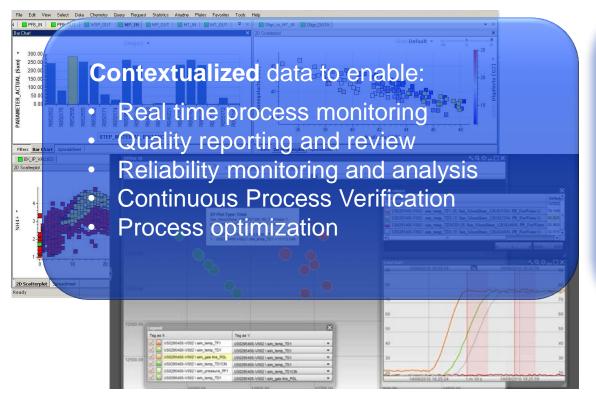


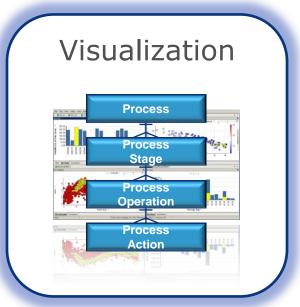
S88 Recipe KM Strategy: Execution





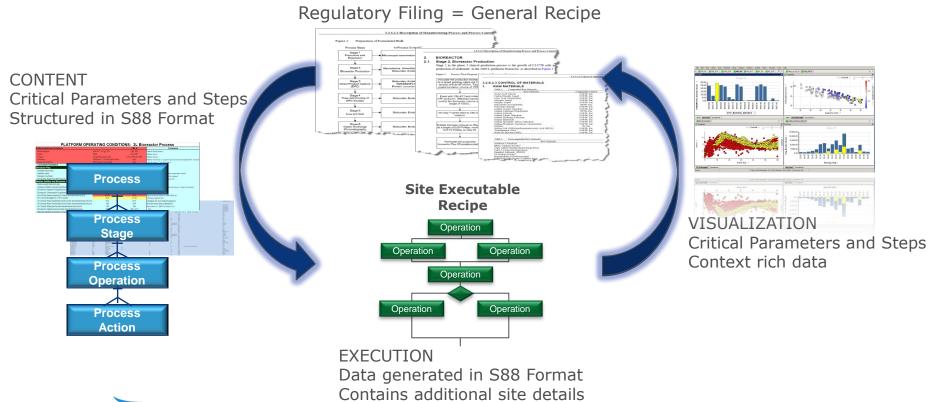
S88 Recipe KM Strategy: Visualization







S88 Recipe KM Strategy: Link to the Regulatory Filing

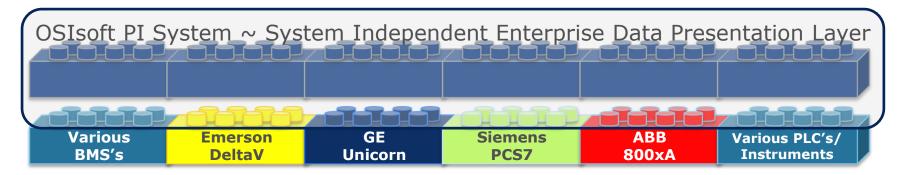




Value of the OSIsoft PI System

- Very disparate systems landscape
 - ranging from distributed process control systems with inherent historian capability to stand-alone instruments with paper printouts
- Require capability to capture and aggregate data for visualisation, reporting & analysis

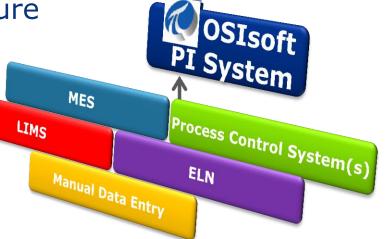


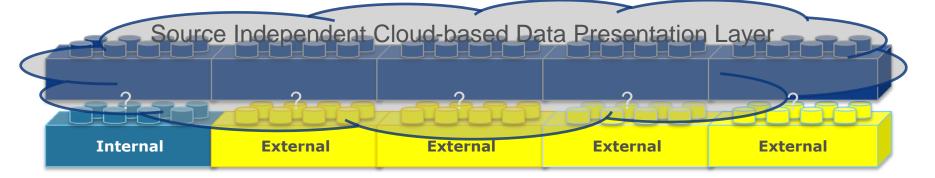




Value of the OSIsoft PI System: Future

- Very disparate systems landscape now including MES, ELN, Manual Data Entry...
- Ability to share contextualized process data with external partners is critical
- Require capability to capture and aggregate data for visualisation, reporting & analysis







Conclusions

- Janssen is actively driving forward on S88 KM Strategy:
 - Content: Defining platform recipes
 - Execution: Aligning systems to S88 Platform definitions
 - Visualization: Building advanced analytical and modeling tools to help scientists and engineers gain advanced understanding of our processes
- A solution is required for a source independent data aggregation layer to include contextualized data from multiple enterprises.
- Collaboration with other companies would help drive this solution.





Terry Murphy



tmurph12@its.jnj.com

Global Head, Strategic Operations

Pharmaceutical Development & Manufacturing

Sciences

Janssen R&D

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