



Poison center notifications  
**Industry experience  
(preparing for) system-  
to-system integration**

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# AkzoNobel



Global Paints & Coatings company.

2019 revenue Europe: € 4.1 bln

Marine and Protective Coatings

Automotive and Specialty Coatings

Decorative Paints

Industrial Coatings

Powder Coatings

Key brands:



Project manager for Product Stewardship and Regulatory Affairs. Focus on IT system impact.

Member of ECHA Poison Center IT and PCN Validation Rules work groups on behalf of Paints & Printing Ink industry (CEPE)

# Need for managed automation

- ❑ Tens of thousands of products to be notified (for our company alone!)
- ❑ Frequent formulation changes. Partly own initiative, partly by raw material suppliers or driven by legislation changes
- ❑ Not feasible to do notifications & updates manually. Notifications must be generated in bulk.
- ❑ Automation requires standardization. The solution must work for thousands of notifications at a time.



# Bespoke mixing



**Depending on the sector, 40% to almost 100% of sales is bespoke.**



**Base paint + colour mixtures.**

**Mixing of two or more complete mixtures.**

**Billions of mixtures can be created**



**Tinting in stores or by distributors**



**30.000 machines in Europe**

Currently\* draft legislation is under discussion  
Implementation before 1-1-2021 is highly unlikely due to the uncertainty of legislation and the huge number of stations which need to be prepared for the change. A longer lead-time might be needed.

# AkzoNobel approach

- Central implementation:
  - Smart use of transition period. Priority: new product introductions 2021
  - Automate what we can. Focus on own manufacturing first
  - What cannot be automated, must be notified manually.
  - Systems: SAP and Sphera Intelligent Authoring
- Method for UFI on pack differs per business unit

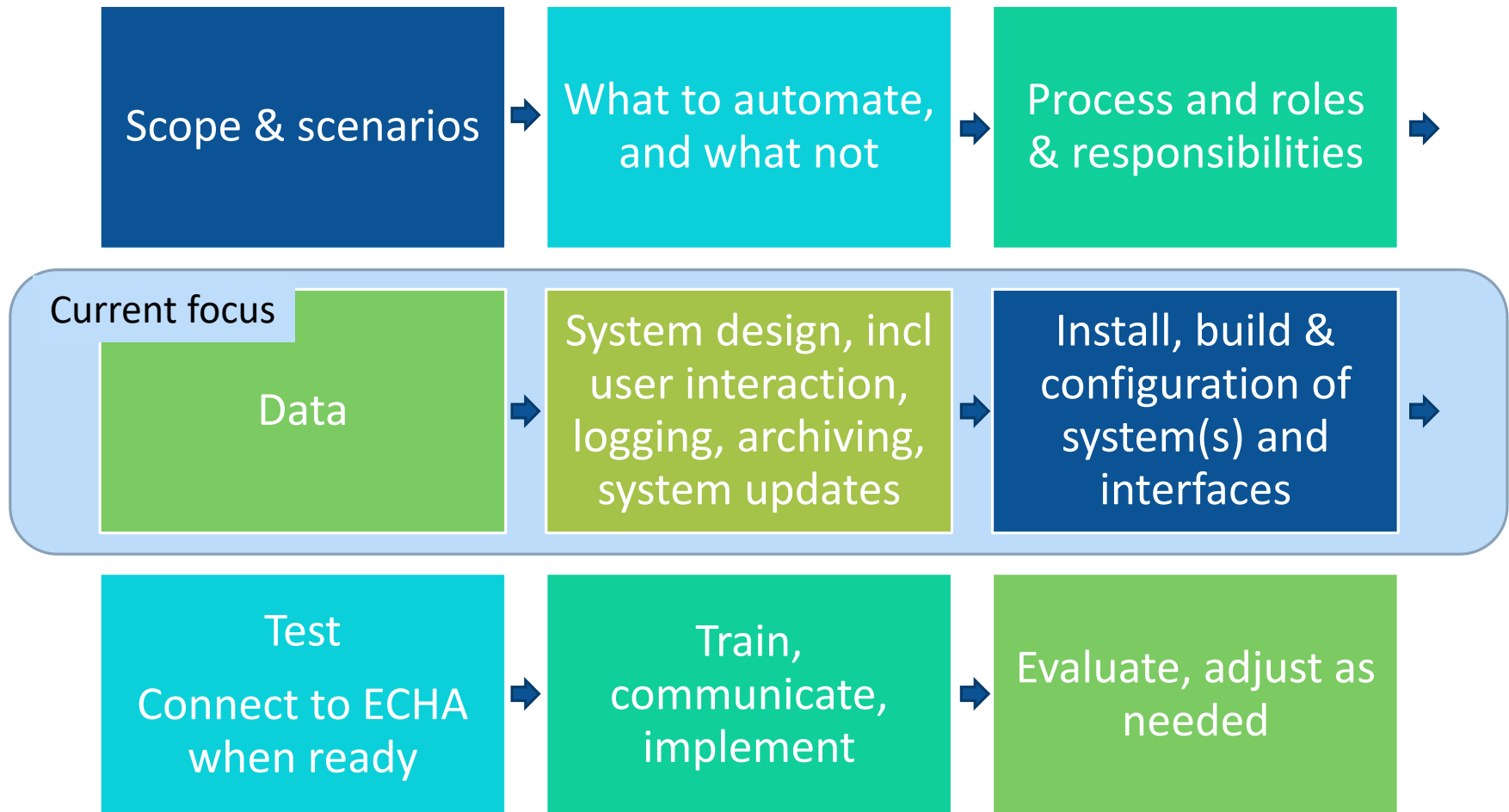


Sticker on pre-printed can

Integrated in the art work label

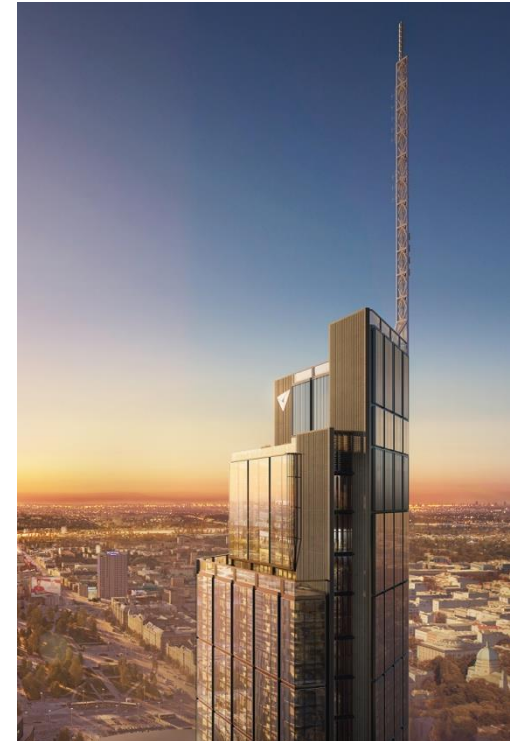
Printed in line

# Approach for automation



# Current status

- Sphera Intelligent Authoring 4.11 under investigation. Prototyping using scenarios.
- Considering S2S integration via local IUCLID instance to facilitate archiving and easy user access.
- Adding UFI to art work labels already using interim solution built in SAP.
- Investigating options to facilitate manual submissions for selected scenarios.



# Opportunities

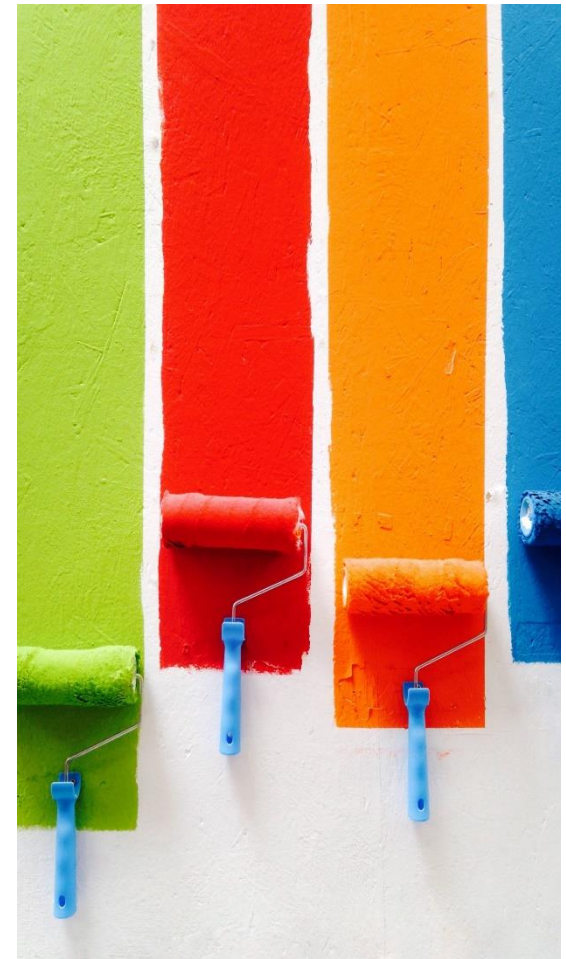
- ❑ Easy overview of notification status per product
- ❑ Reuse of product data from day-to-day processes





# Concerns

- ❑ Protection of confidential business information. System security, anonymized UFI
- ❑ Unclear about practical implementation member states. Cost, additional questions
- ❑ Ongoing need for manual intervention
- ❑ Requirements for notification of bespoke mixing



# Key learnings

- Start business engagement early
- Build upon existing processes
- Determine scope for automation, not every scenario is suited
- Tailor the approach where needed



Automating PCN notifications ...  
There is no magic button



Thank you for your time

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