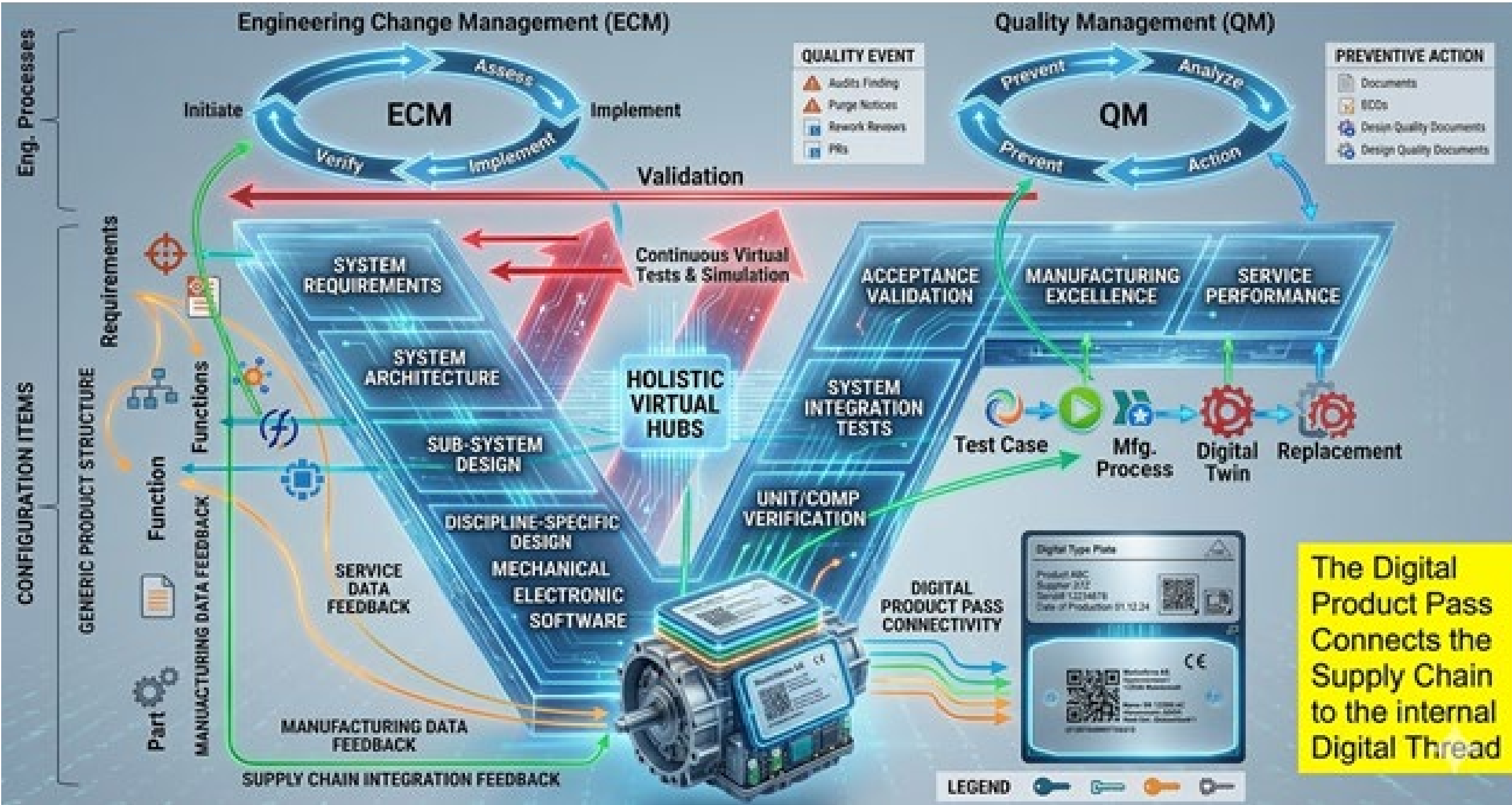
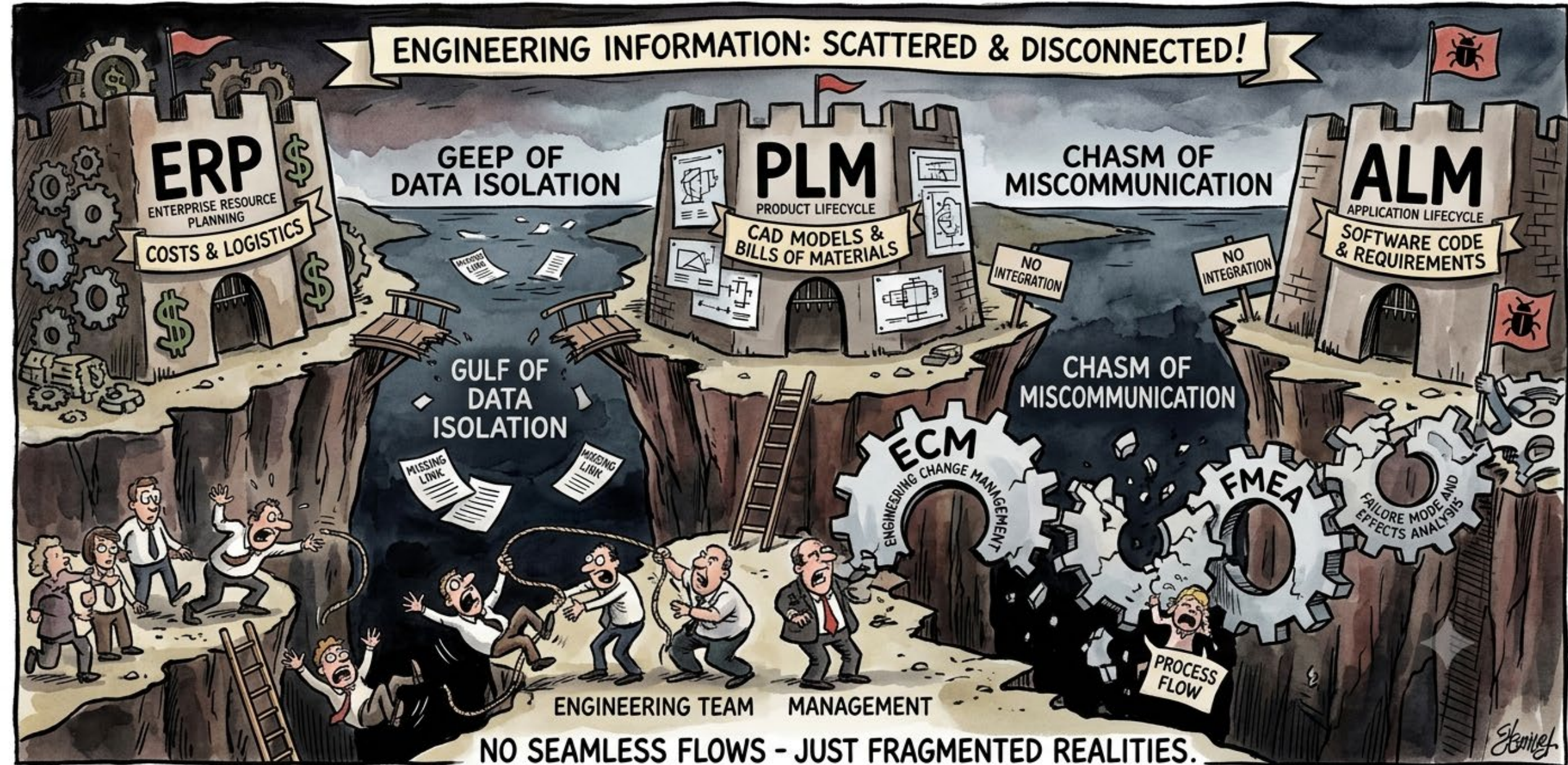


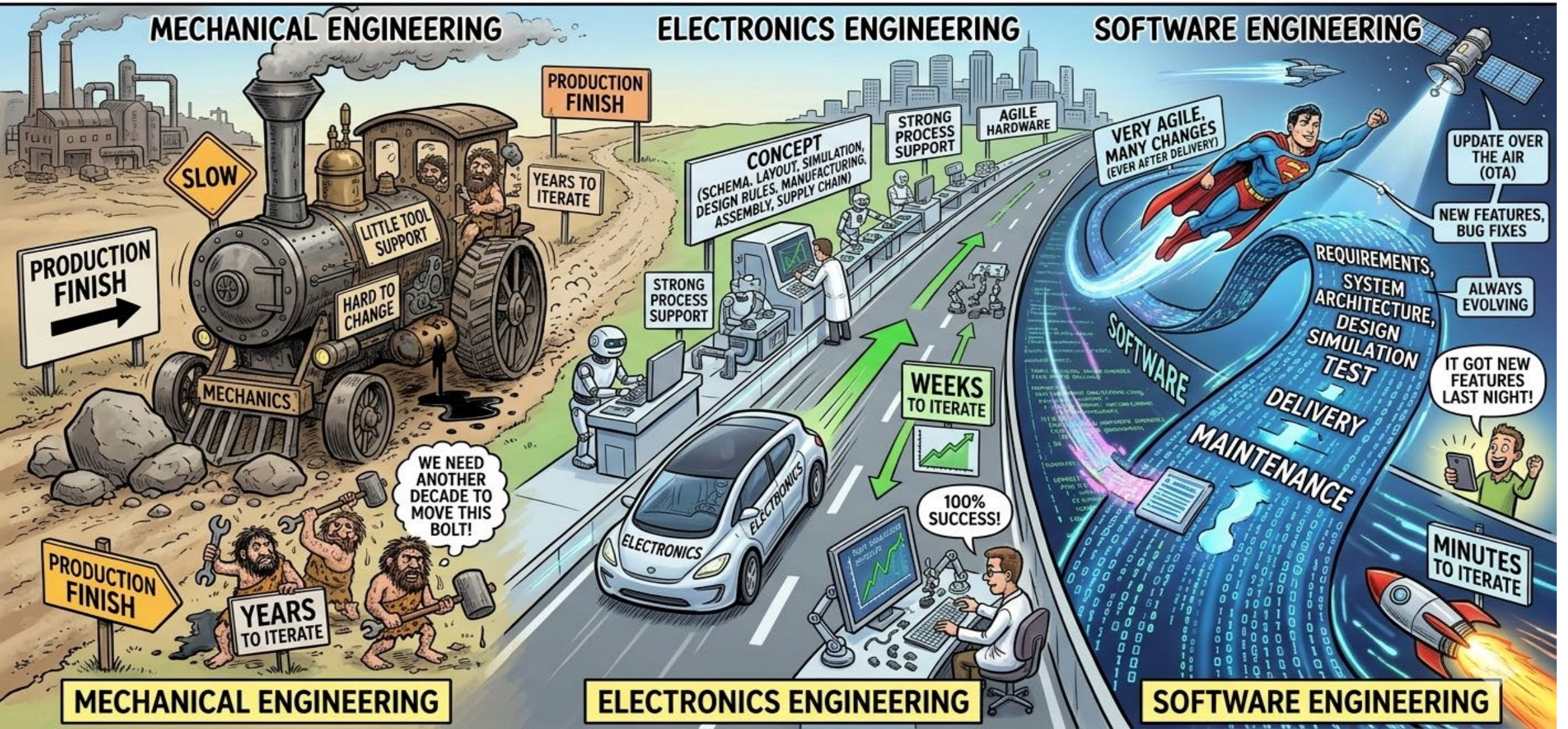


THE SILO TRENCHES: BLOCKING END-TO-END PROCESSES!

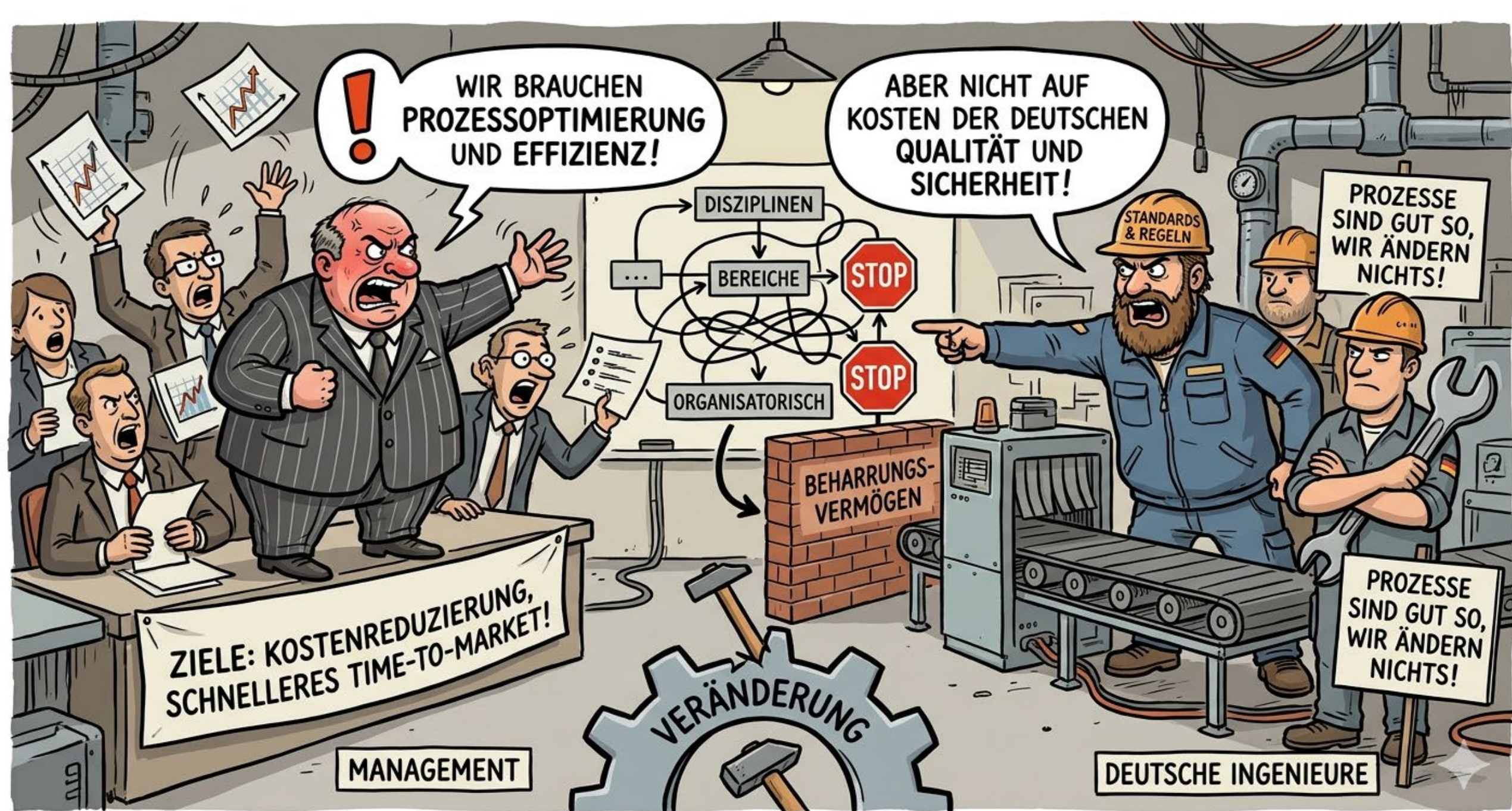
ENGINEERING INFORMATION: SCATTERED & DISCONNECTED!



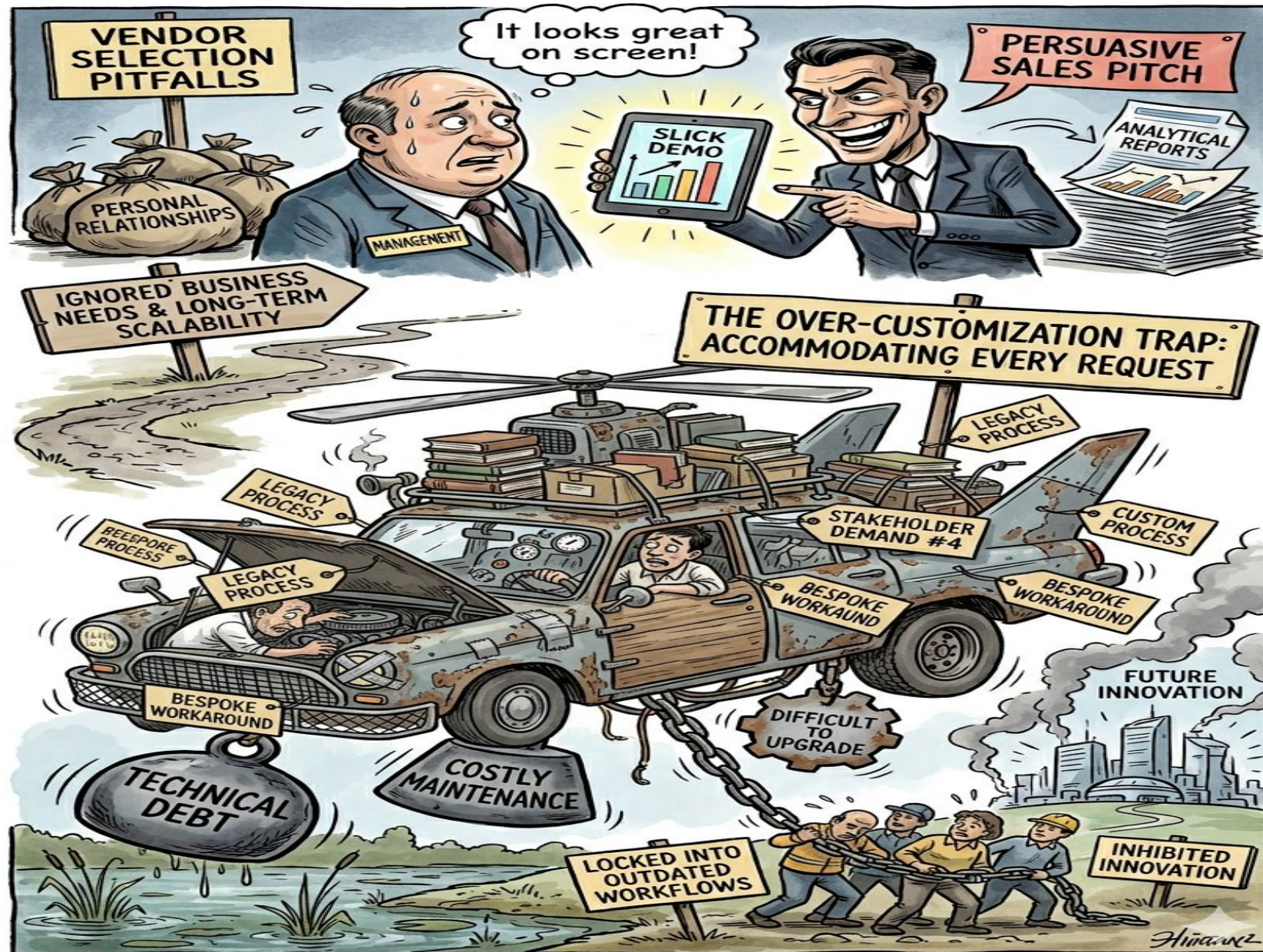
COMPARING ENGINEERING PROCESSES: MECHANIC, ELECTRONIC & SOFTWARE



Different Speed, Processes, Methods, Tools and Culture



Over-Customization



Created with GEMINI

Now you've experienced
all that can go wrong.

Did you think
it could get any
worse?

MUPPET LOGE

WHERE WAS THE
STRATEGY?

DON'T
STRIRANCE!

LACK OF
GOVERNANCE!

DATA
MIGRATION
FAILURE!

NO TRAINING
PLAN!

CEO
IGNORED
US!

WORKFLOWS
ARE A MESS!

POOR
STRATEGY!

SCOPE
CREEP!

BUDGET
OVERRUN!

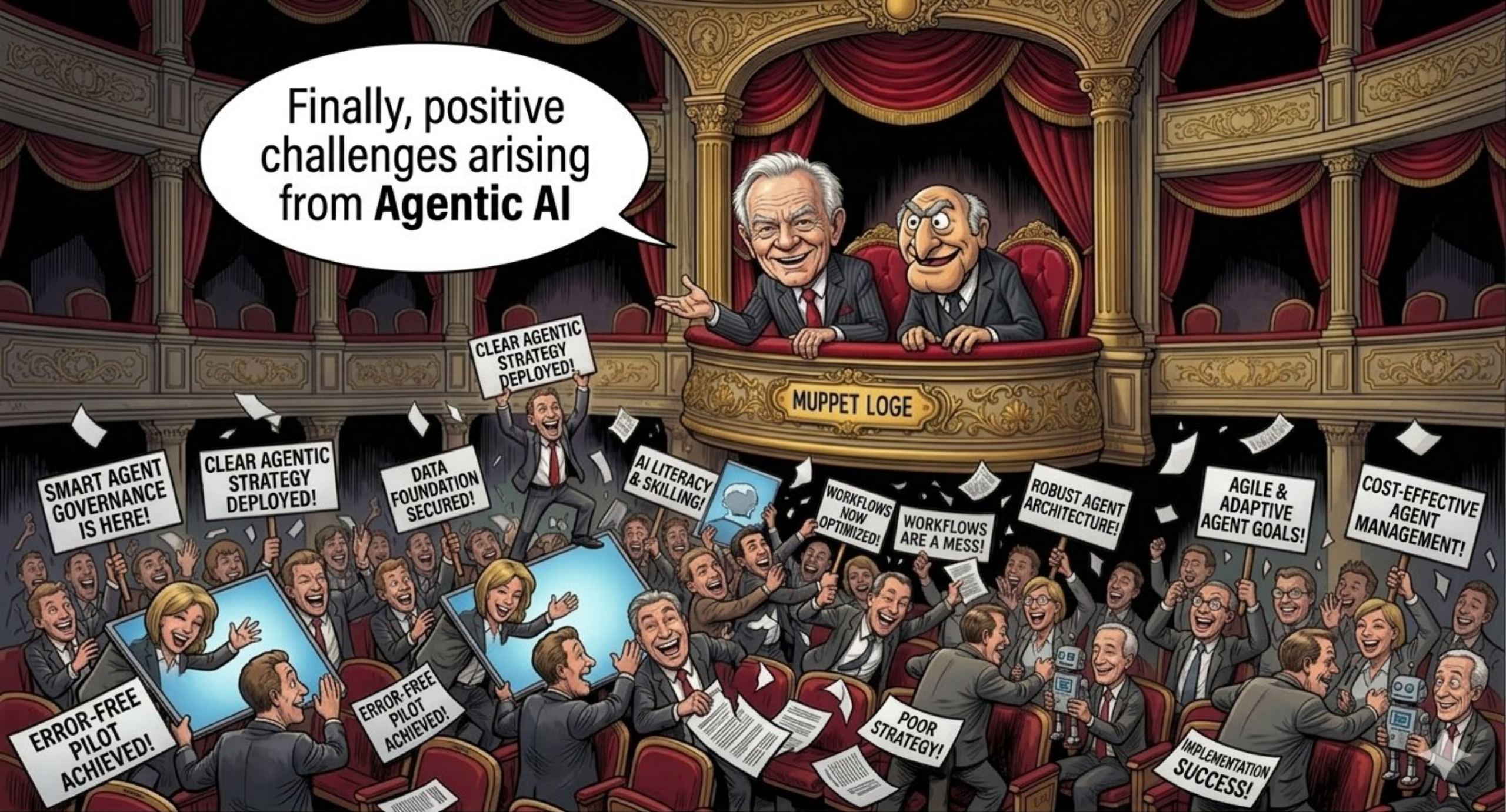
10 ERRORS
DURING
IMPLEMENTATION

10 ERRORS
DURING
IMPLEMENTATION

POOR
STRATEGY!

BUDGET
OVERRUN!

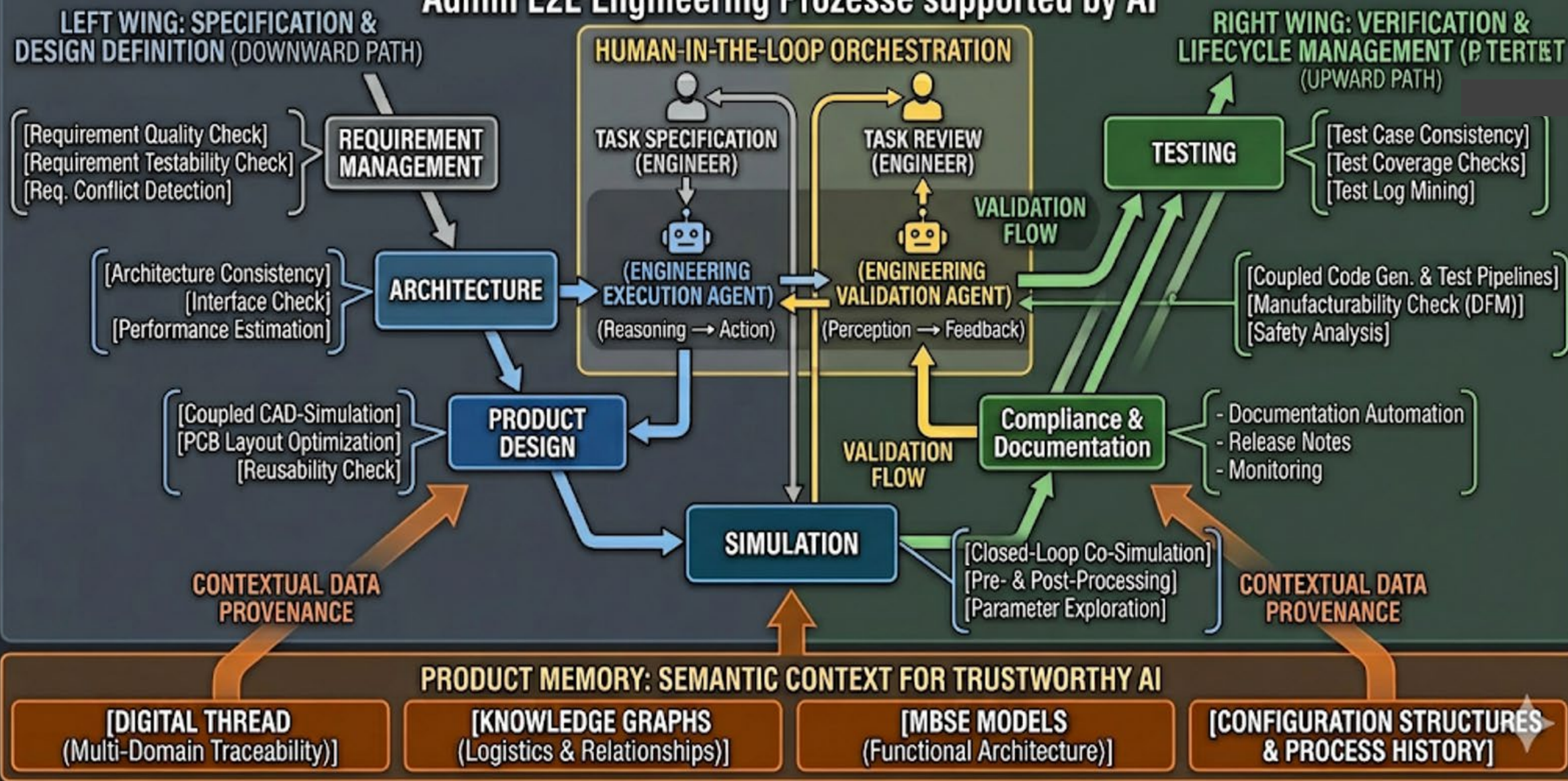
Finally, positive
challenges arising
from **Agentic AI**

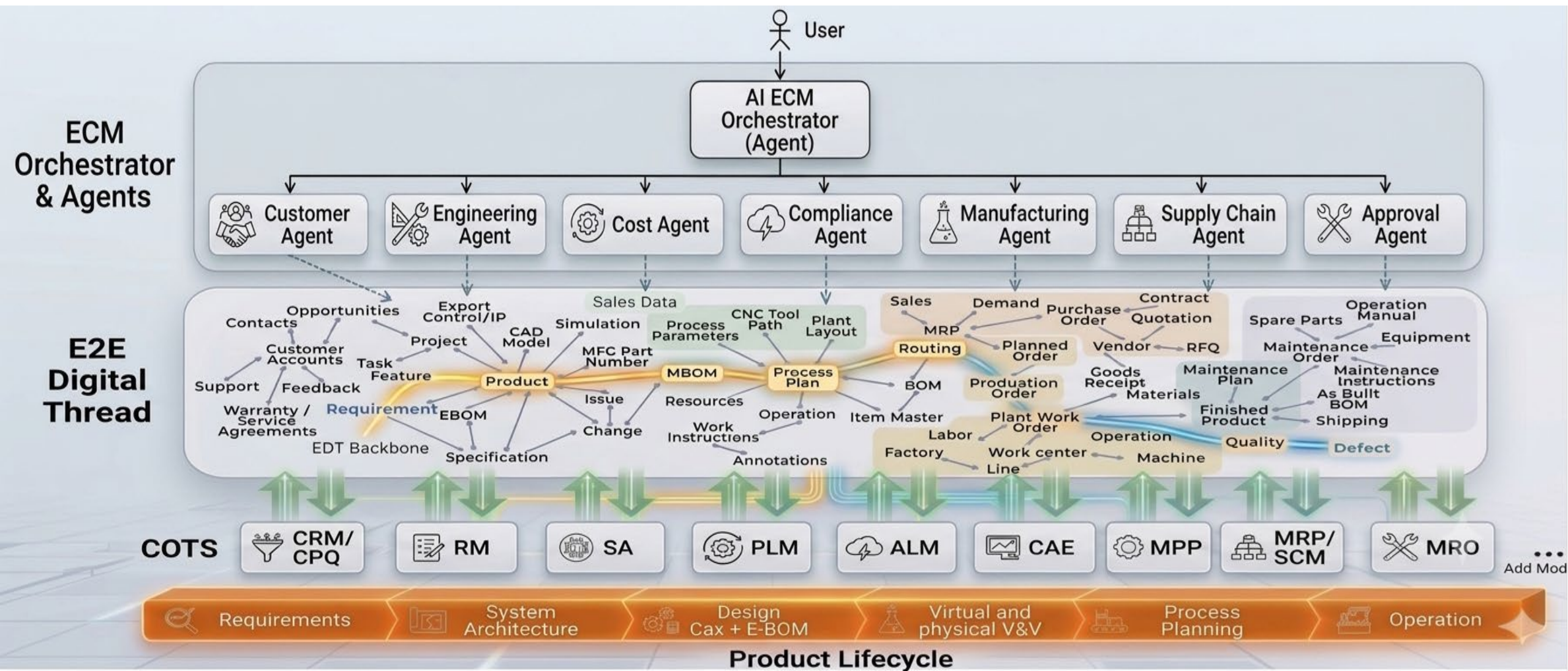


THE AI-AUGMENTED ENGINEERING ENTERPRISE: AGENTIC AI INTEGRATION ALONG THE V-MODEL (Based on C. Erb)

Leveraging Artificial Narrow Intelligence (ANI) within a Structured Semantic Context

Admin E2E Engineering Prozesse supported by AI





... Add Mod

WHY ARE SO MANY EXPEDITIONS UNSUCCESSFUL?

LEARNING FROM MISTAKES

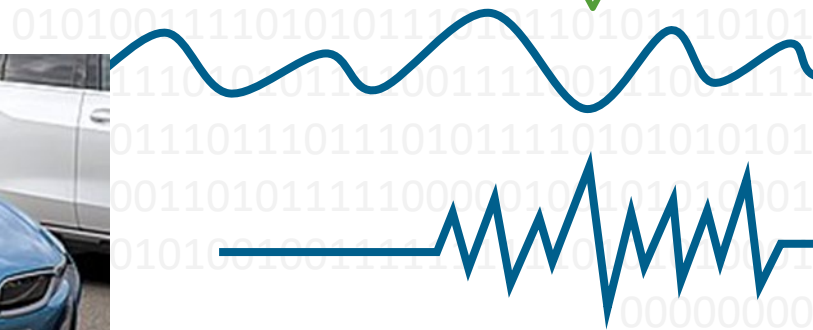


- 1 NO LEADERSHIP** 
- 2 NO STRATEGY** 
- 3 UNCLEAR SCOPE, NO ARCHITECTURE** 
- 4 NO CHANGE MGMT. & CULTURAL UNDERSTANDING** 
- 5 NO GOVERNANCE AND DATA OWNERSHIP** 
- 6 NO PROCESS UNDERSTANDING** 
- 7 PLM isn't a IT PROJECT** 
- 8 SHADOW IT and EXCEL** 
- 9 WRONG SOLUTION and OVERCUSTOMIZATION** 
- 10 NO TECHNOLOGY EXPERTISE** 



DIGITAL MODEL
Product Data
+
DIGITAL PROCESS
ECM and CM
+
DIGITAL THREAD
Traceability
=
DIGITAL
TWIN
Configuration

Context



Martin Eigner

System Lifecycle Management

Digitalisierung des Engineering

Springer Vieweg

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