



SOFTWARE INTENSIVE SYSTEMS

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# Stages - Process management solution for product development

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# Designed for product development

## Stages benefits

### **Model: Create models instead of pictures**

Model your processes through an intuitive user interface and the latest web technology.

### **Visualize and pilot: Understand and learn at maximum speed**

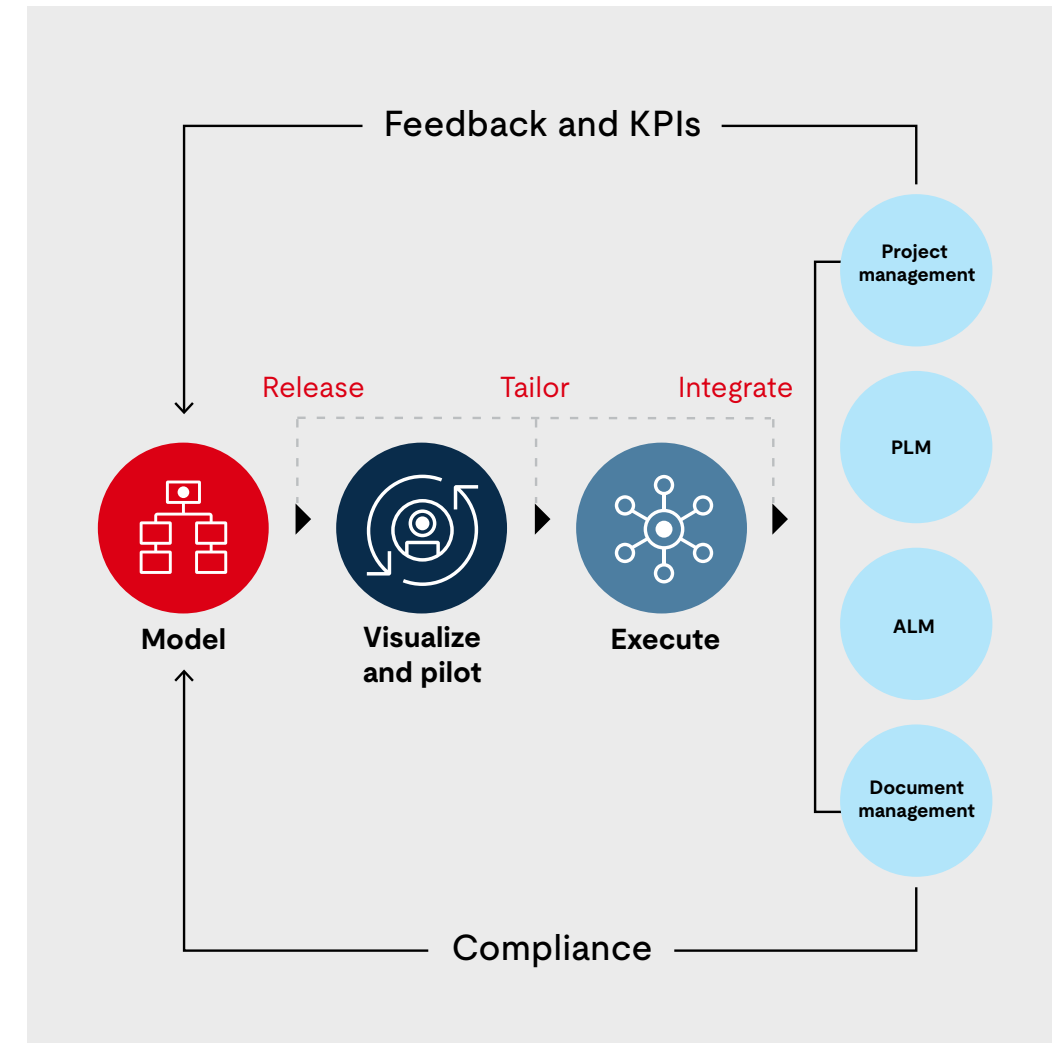
Help your teams adopt new methods and tools quickly and easily.

### **Execute: Engineering processes need to embrace variance**

Help your teams operate with minimal process overhead and still comply with all regulations.

### **Integrate: Put the process to work**

Help your teams find the process significantly more useful and easy to follow.



### Digitize processes

Transform all process documents into a process model accessible to all employees.

- Eliminate duplicates, outdated information and inconsistencies

### Focus on value streams

Identify your most important value streams and significantly reduce the number of process steps and work products.

- Shorten cross-functional process flows

### Standardize tools and methods

Many organizations employ many different methods and tools to achieve the same process results. Standardize workflows and reduce the number of methods and tools with the “tools follow processes” approach.

- Reduce costs and the number of integration points

### Map to standards

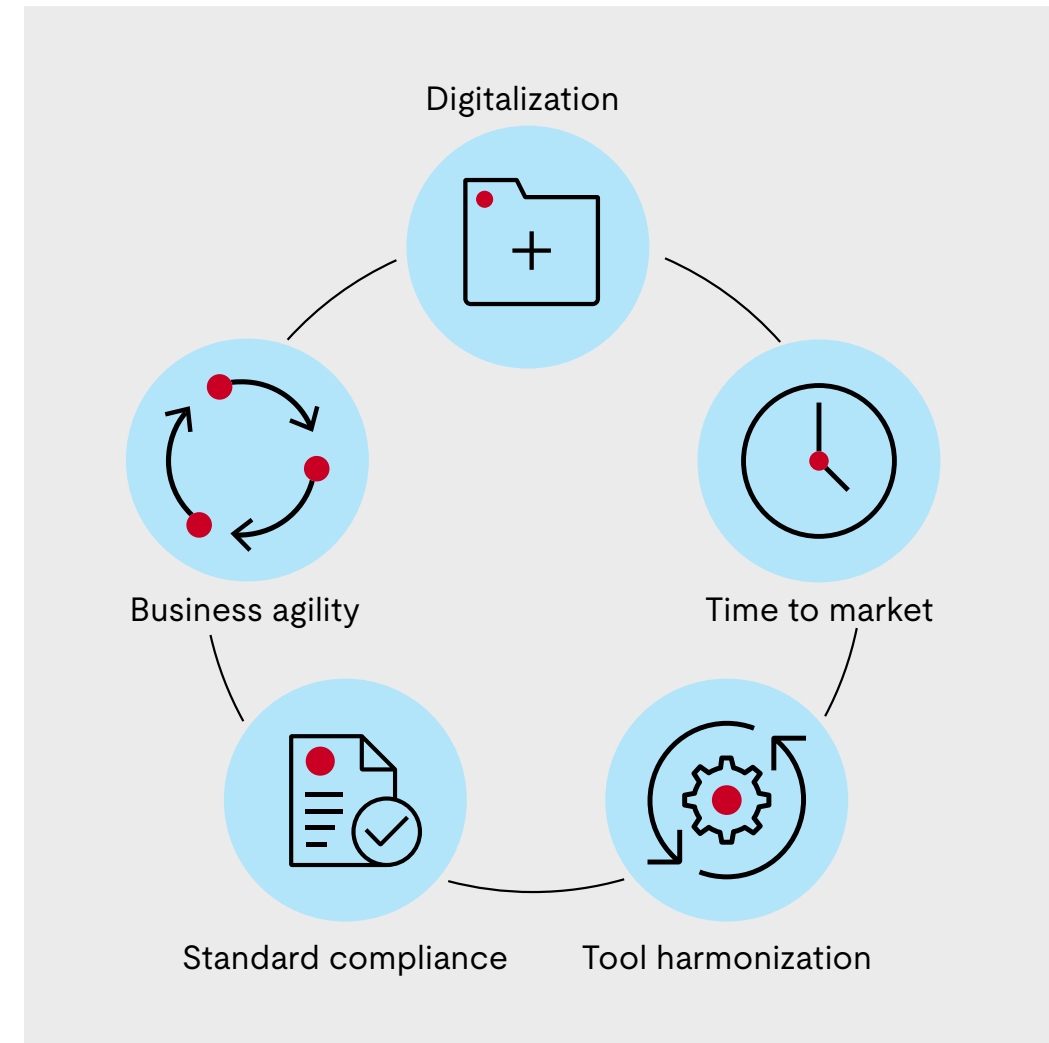
Map the standards and norms onto your product development process. With this approach, you can identify compliance gaps and generate evidence for audits or assessments instead of collecting them manually.

- Save with audit and assessment planning and execution

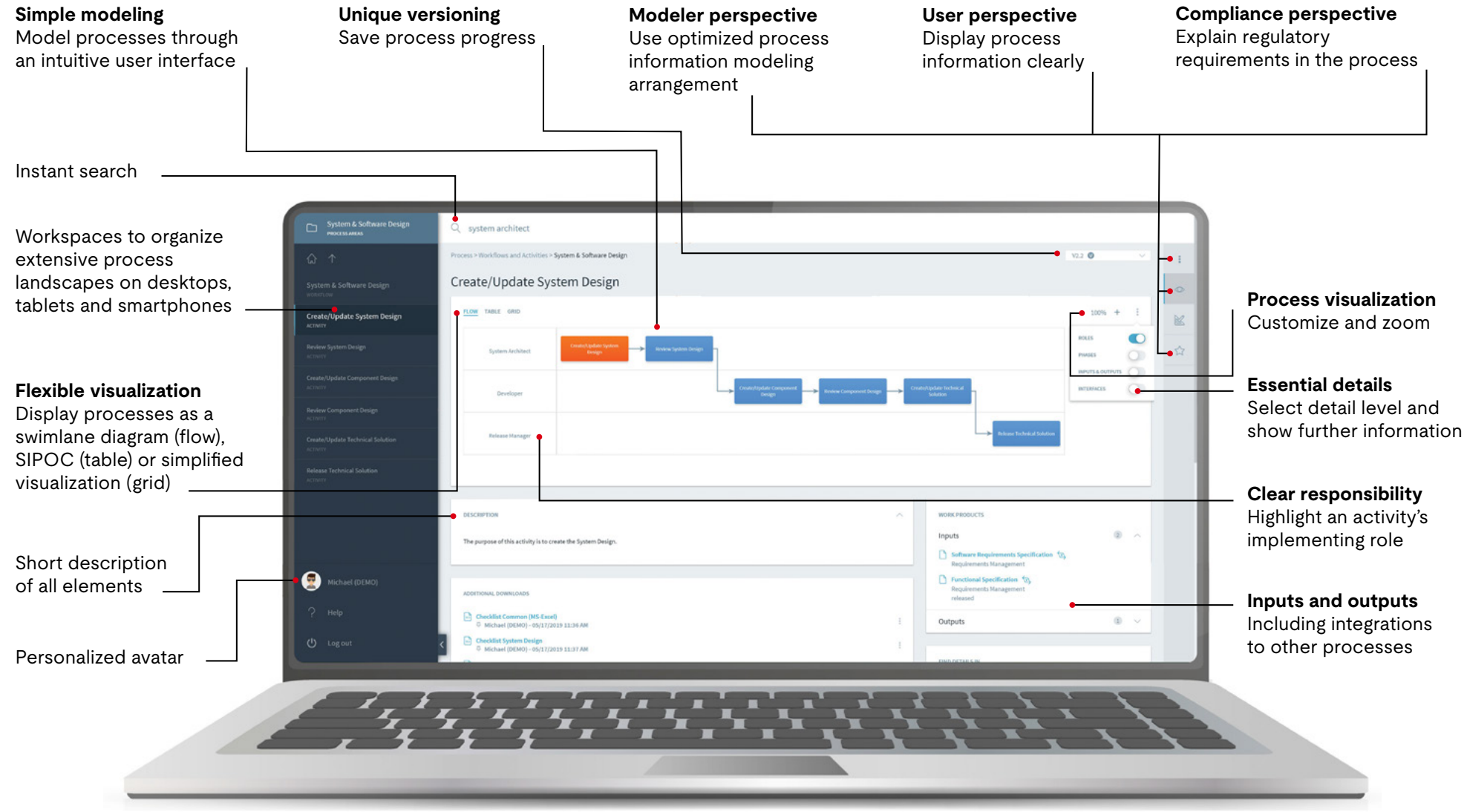
### Continuous feedback

Continuously improve processes with direct feedback from the employees who implement the development processes.

- Speed up capturing, implementing and deploying process changes



# Benefits overview





# The leading tool for engineering processes

## **Product development is becoming increasingly complex**

Engineering processes require integrating agile methods, systems engineering, safety, security and much more. Our goal is to simplify these processes and master this complexity.

## **Model and understand**

Involve everybody in process modeling. Build variants for product lines or business units.

Provide role-based information to all process users and speed up process understanding.

## **Integrate and execute**

Provide optimal processes for every project, program and team.

Control the process execution across the entire engineering toolchain.



**Stages is a leading platform for managing engineering processes with more than 500,000 users worldwide.**

“ Stages helped us immensely to improve by simply getting all of our knowledge and all of our process elements in one formal system — and all are talking to each other. It helps get us out of the old way of thinking about processes in managing individual Excel files and PowerPoint files.”

**Nick Wilmot**

Business process lead, General Motors

# Successful process management relies on process quality

## Stages benefits

Clear process definition increases transparency and secures process users' understanding. Define processes in an uncomplicated and straight forward manner with Stages.

## Flexible notation

Stages adapts to your organization's nomenclature and establishes a common and cross-company understanding of your department-specific processes.

## Collaborative modeling

Stages is a web-based application. Your distributed teams can work on common processes independent of time or location.

## Complete process landscapes

Model cohesive process areas and link them through interfaces to create transparency and open up closed, departmentalized thinking.

## Compliance management

Stages links requirements directly to your process and can save an immense amount of time preparing.

“Stages helps the Systems Engineering Organization to identify opportunities to become more efficient in our processes and to identify gaps that were not seen when we were focused on document-based processes.”

**Teresa McCarthy**

QA Engineering, Sr Aeronautics, Lockheed Martin



## Help assure compliance, reduce risk

- Automotive SPICE®, ISO 26262, ISO 21448, ISO/SAE 21434, ISO 24089, APQP, IATF 16949
- DO-178C, DO-254, ARP4754B, AS9100D
- IEC 62304, ISO 14971, ISO 13485
- EN 50126, EN 50128, EN 50129, EN 50657, CLC/TS 50701
- IEC 62443, IEC 61508
- ISO 9001, ISO 15288, APQC PCFs



## Easily share the defined processes with your employees

### Process visualization

Whether as a flow chart, SIPOC view or simple grid, Stages offers different views on the process. Display or hide additional details such as roles or work products, as required.

### Dynamic views

View your processes from different perspectives. Display all relevant process element coherencies, such as activities, roles and work products.

### Collaboration and feedback

Realistic processes employ process users' feedback. In Stages, users can add feedback directly in the process description. Involve all users and help facilitate your processes' acceptance and implementation.

### Release and versioning

All process users can view released processes. Only process modelers can access individual process versions. The process workflow saves and maps your process versions.

## Apply the defined and released processes

### Process tailoring

Create different process variants based on one common standard process. Tailor the standard process to your respective project with the tailoring function.

### Work product management

Add a document life cycle to your work products and create a status overview of all work products needed for milestones.

### Process execution

Integrate existing tools into your process landscape. Stages integrates with the most common engineering tools.

### Metrics and supporting documents

Stages offers a basic metrics set. Expand it at any time with customized metrics.

“Stages helped us to visualize a common product life cycle with common terminology and a maturity model that is now very well established within the company.”

#### Harald Wilhelm

Director of Processes and Standards North America, Continental

“Stages offers a great added value in electronics development for our company since the developer sees according to which process steps he has to act, which tools are available to him for support, and according to which methods he can execute the processes.”

#### Felix Fröbel

Quality Engineer,  
BSH Home Appliances Corporation



Scan the QR code to join a demo



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