methodpark
by UL

stages

Process Management Solution
for Product Development

Simplify Processes – Master Complexity

Designed for product development
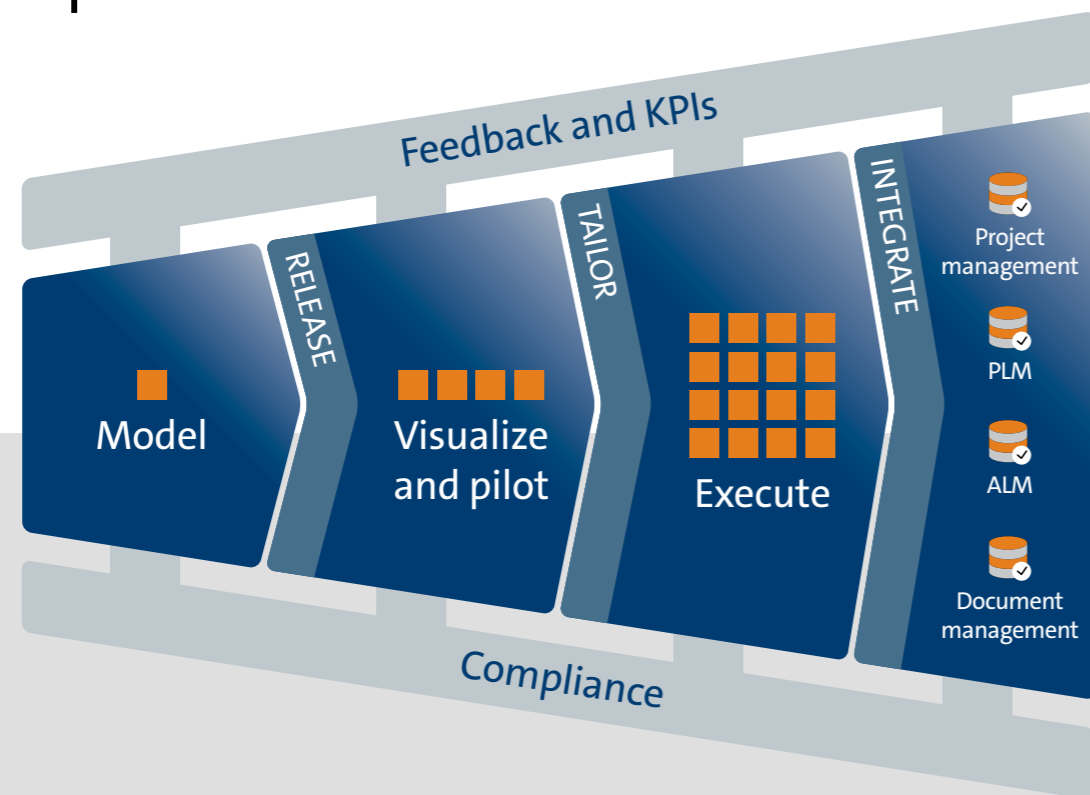
Stages benefits

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
Your teams adopt new methods and tools much more quickly and easily.

Execute: Engineering processes need to embrace variance
Your teams will operate with minimal process overhead and still comply with all regulations.

Integrate: Put the process to work
Your teams will 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- Eliminate duplicates, outdated information and inconsistencies.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 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.

Digitalization

Time to market

Tool harmonization

Quality audits

Agile development

Benefits overview

Modeler perspective:
Use optimized process information modeling arrangement

Simple modeling:
Model processes through an intuitive user interface

Unique versioning:
Save process progress

Compliance perspective:
Explain regulatory requirements in the process

User perspective:
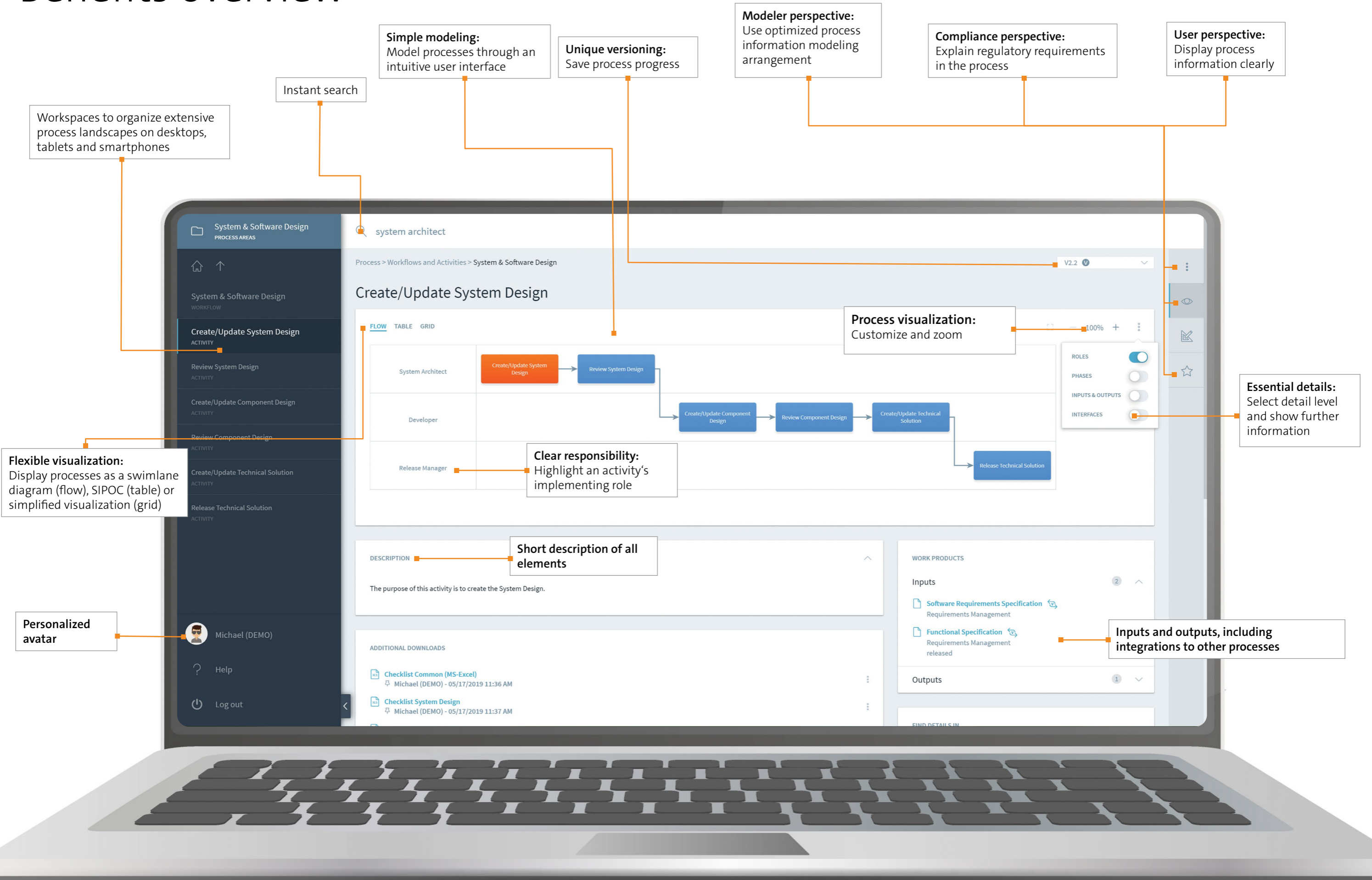Display process information clearly

Instant search

Workspaces to organize extensive process landscapes on desktops, tablets and smartphones

System & Software Design
PROCESS AREAS

system architect

Process > Workflows and Activities > System & Software Design

V2.2 V

Create/Update System Design

System & Software Design
WORKFLOW

Create/Update System Design
ACTIVITY

FLOW   TABLE   GRID

Process visualization:
Customize and zoom

100% + :

Review System Design
ACTIVITY

System Architect

Create/Update System Design

Review System Design

ROLES
PHASES
INPUTS & OUTPUTS
INTERFACES

Create/Update Component Design
ACTIVITY

Developer

Create/Update Component Design

Review Component Design

Create/Update Technical Solution

Essential details:
Select detail level and show further information

Review Component Design
ACTIVITY

Create/Update Technical Solution
ACTIVITY

Release Manager

Clear responsibility:
Highlight an activity's implementing role

Release Technical Solution

Flexible visualization:
Display processes as a swimlane diagram (flow), SIPOC (table) or simplified visualization (grid)

Release Technical Solution
ACTIVITY

DESCRIPTION

Short description of all elements

The purpose of this activity is to create the System Design.

WORK PRODUCTS

Inputs   2

Software Requirements Specification
Requirements Management

Functional Specification
Requirements Management
released

Personalized avatar

Michael (DEMO)

ADDITIONAL DOWNLOADS

Checklist Common (MS-Excel)
Michael (DEMO) - 05/17/2019 11:36 AM

Checklist System Design
Michael (DEMO) - 05/17/2019 11:37 AM

Inputs and outputs, including integrations to other processes

Outputs   1

FIND DETAILS IN

? Help

Log out

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 the leading platform for managing engineering processes with more than 300,000 users worldwide.

"Stages helped us immensely to improve by simply getting all of our knowledge and all of your 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 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

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

Stages Features

Flexible notation

Stages adapts to your organization's nomenclature and ensures 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 and open up closed, departmentalized thinking.

Compliance management

Stages links requirements directly to your process and save an immense amount of time preparing audits and assessments to comply with norms and standards.

Help assure compliance, reduce risk

- Automotive SPICE® 3.1, ISO 26262, ISO 21434, ISO/PAS 21488 (SOTIF)
- DO-178C, DO-254, and AS9100D
- IEC 62304 and ISO 14971
- ISO/IEC/IEEE 15288
- APQC
- and many more

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 ensure your processes' acceptance and implementation.
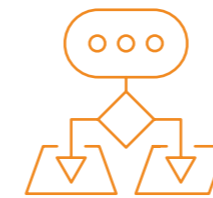
Release and versioning
All process users can view released processes. Only process modelers can access individual process versions. The process workflow saves and maps your process versions.
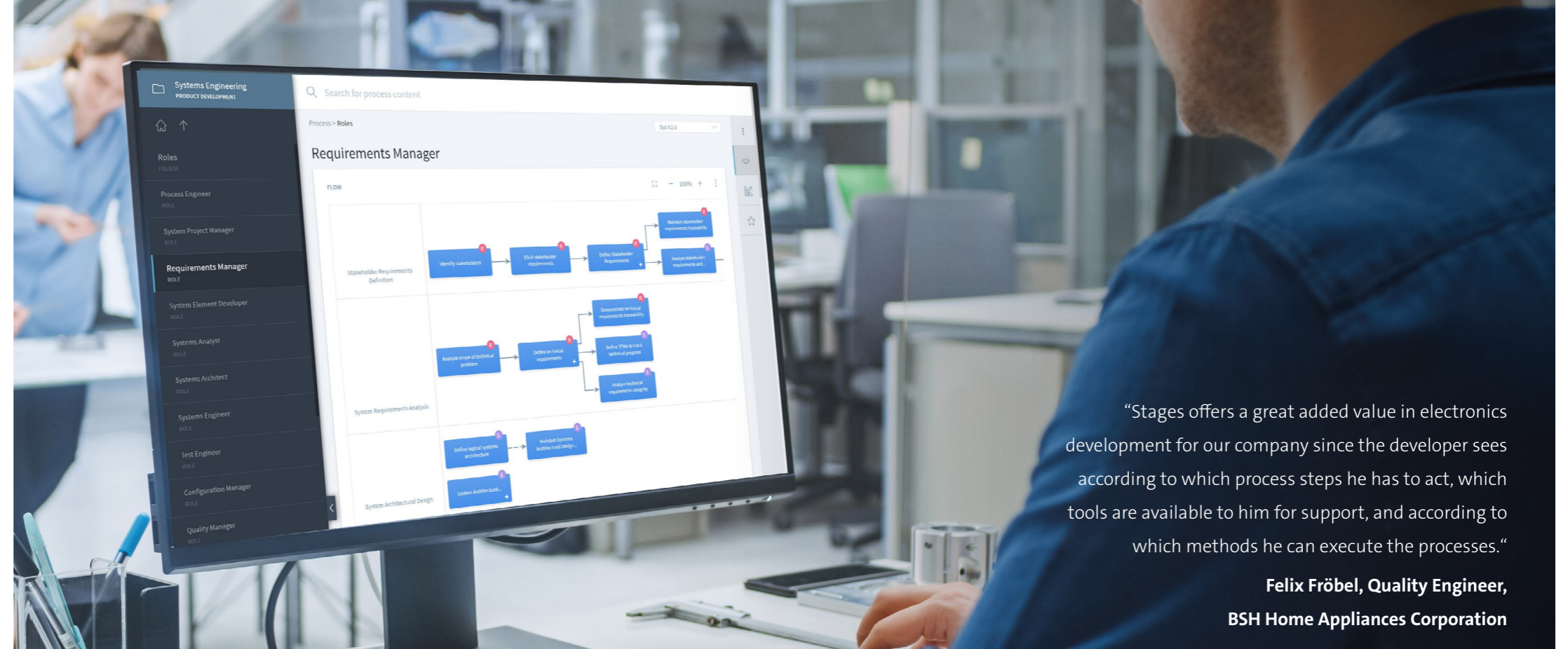
"Stages offers a great added value in electronics development for our company since the developer sees according to which process steps he has to act, which tools are available to him for support, and according to which methods he can execute the processes."

**Felix Fröbel, Quality Engineer,
BSH Home Appliances Corporation**

"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

Employ 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.

To start or request an online demo, vist:

MethodPark.com/stages/online-demo

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