# VSM 4.0
## Digital Value Stream Modeler

## VALUE STREAM MANAGEMENT 4.0

Whether it's a digital value stream analysis or design, our VSM 4.0 application is a collaborative working environment for lean management teams in the era of Industry 4.0 and supports you in the optimization of your production:

Starting with the visualized and systemically guided optimization of your lean production system up to a networked performance measurement system - we attach great importance to bundling the different competencies of your company through innovative user interfaces and to creating the necessary transparency regarding your production processes.

## LEAN MANAGEMENT -
## WHAT IS YOUR KEY TO SUCCESS?

You know what you want to achieve through improvement measures in your company. You and your team have successfully established the value stream method for this. Although the value streams are available to you in digital form, do you lack transparency?

With the changing demands of your customers to the production and the daily changes, you are missing an overview with regards to the ongoing improvements and the current situation in your projects. You want to be involved and immediately be able to see if the measures your team developed are taking effect. You want direct feedback - timely and well developed? You search for a solution that makes the connections of your production easy to visualize? Then the Value Stream Modeler VSM 4.0 is the right support for you!

**Management**

## LEAN EXCELLENCE -
## YOUR WAY INTO THE DIGITAL ERA?

As a Black Belt, you are the lean expert in your business. Your highest concern is to make the value chains for processes in the company network efficient. You are accustomed to designing new principles of thought, methods and processes. And yet you are missing the direct involvement of all relevant process participants. You envisage a stronger management involvement as well as an increased involvement of the production staff and beyond, at the same time. For you, it is obvious that solutions should be developed jointly and horizontally - but you are missing the feedback as to whether the changes are taking effect from those involved in the process? In that case, VSM 4.0 is perfect for you!

**Lean experts**

## LEAN PRODUCTION -
## ARE YOU PART OF THE SOLUTION?

You know your processes. You know exactly what work and activities are necessary to complete an order successfully. As a production specialist, would you like specific feedback on your suggestions during the optimization of problematic production steps? Identifying correlations is the basis which allows you to discuss measures effectively.

You are counting on transparency and acceptance - but above all on concentrating on the essentials. Do you also value sharing ideas directly in the workplace and seeing the progress directly in production? With the Value Stream Modeler VSM 4.0 you have the ideal tool to meet your needs in an exemplary manner.

**Shop floor employee**

## VSM 4.0 - THE INNOVATIVE VALUE STREAM APP FOR YOUR DIGITAL TRANSFORMATION
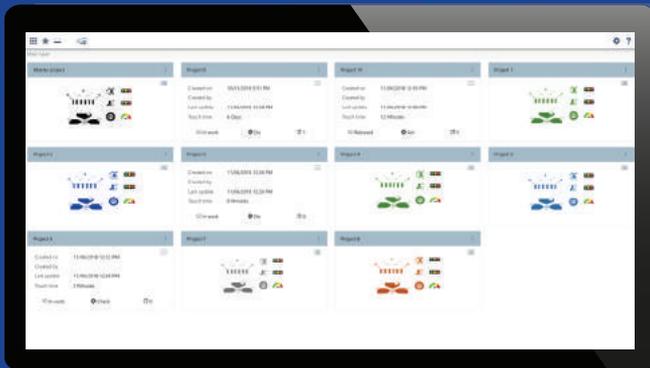
**Hierarchical Value Streams**  **Digital Collaboration**  **Cloud Services**  **Interactive Touch Gestures**

## PROJECT OVERVIEW
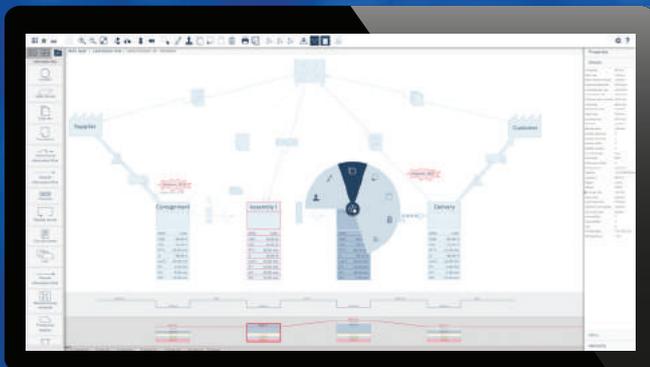### Overview of your optimization projects
VSM 4.0 offers you a structured introduction into various lean management projects with content and time-related status tracking. From here, you can start your improvement projects and gain insight into the progress of the improvements.



## VALUE STREAM OVERVIEW
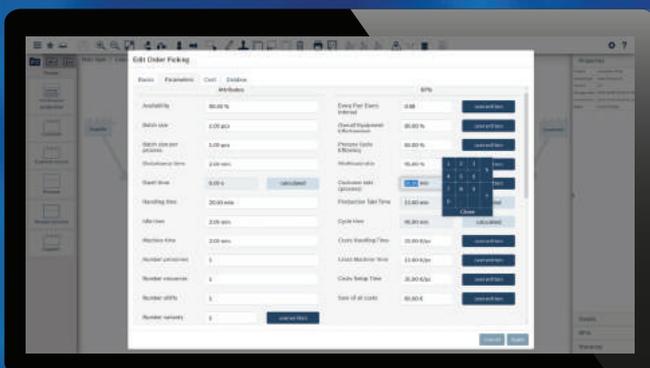### Your individual value stream documents at a glance
The digital implementations of your individual and sometimes also hierarchical value streams. A document management system with version control along with status and content tracking help you to assess and use your potentials to the fullest.



## VALUE STREAM MODEL
### Edit view for creating value streams
To create and detail your digital value stream during the modeling process with existing libraries of process, material flow, and information flow components. Dominate complex value creation networks through digital, transparent representation.



## VALUE STREAM PROPERTIES
### Detailing of the value stream components
Each component of a value stream can be described in detail. Many of the properties can be used as the basis for calculating user-specific formulas to build and evaluate a performance measurement system.
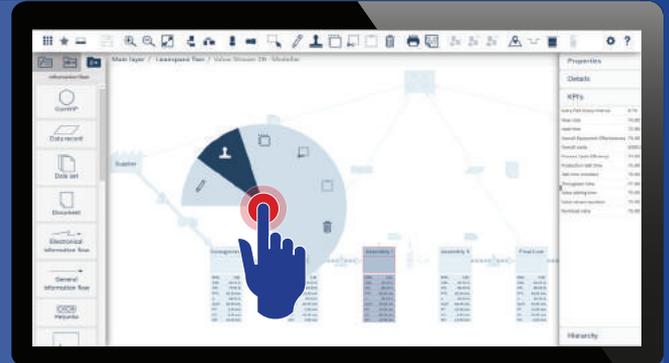
## TOUCH FEATURES
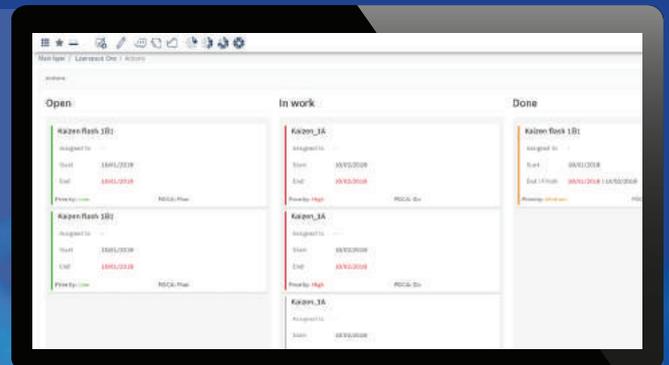### Development of value streams on multi-touch devices

We attach particular importance to a user-friendly operation during the modeling of value streams. For this reason, special emphasis was placed on a multi-touch operation using finger gestures with a virtual keyboard in our VSM 4.0 application.



## KANBAN BOARD
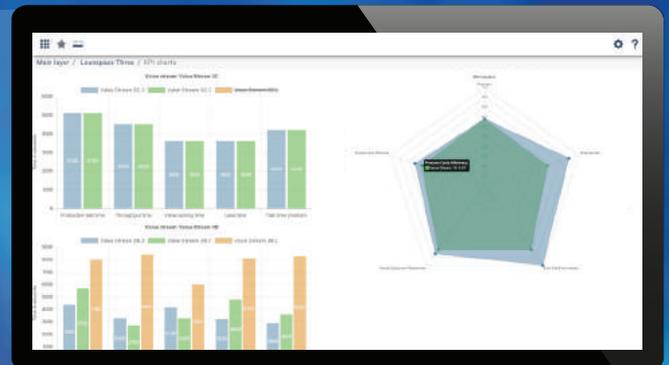### Visual control of the CIP activities

We visualize continuous improvements (CIP) throughout the PDCA cycle by using a Kanban board. Connected Kaizen flashes of the individual value streams make it possible to prioritize recommended actions and to assess the maturity level of your process optimization.



## GRAPHIC EVALUATIONS USING CHARTS
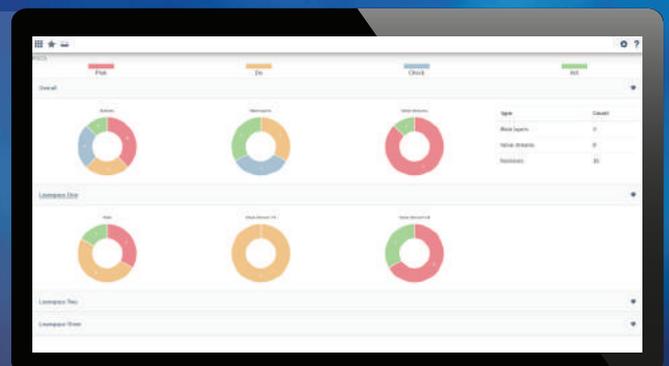### Evaluation of key figures (KPI)

If an performance measurement system is available, typical time parameters can be evaluated as key figures in the form of a bar chart or as percentages in the form of a Radar diagrams. Can be used to conveniently compare different value streams.



## PDCA PROGRESS
### Visual overview of the PDCA cycle

If potentials are derived and evaluated by the team using the PDCA cycle, the individual projects can be evaluated with their value streams. Graphically processed, the status is displayed as progress using pie charts.

## iFAKT - WE CREATE DIGITAL VALUES FOR YOUR COMPANY!

As an independent, internationally operating consulting company and software specialist in the Industry 4.0 environment, we support you in the planning of production and logistics processes, the optimization of resource utilization in the company and the improvement of your business processes.

Our many years of experience and innovative technology and methods expertise, supported by our software, are our decisive success factors. Our customers include well-known companies from the aerospace and automobile industries, fields of mechanical engineering and medical technology.

We advise large OEMs as well as small and medium-sized companies on the implementation of their Digital Business Transformation. Our head office is in Stuttgart - in the center of the manufacturing industry in Baden-Wuerttemberg.

## TOGETHER WITH YOU, WE DEVISE THE COMPANY OF THE FUTURE!

### Our services - Your advantages. We offer comprehensive solutions:

- Digital lean management (e.g. value stream analysis, mapping and design)

- Dynamic resource planning of end-to-end business processes

- Line balancing and production planning through intelligent performance optimization algorithms

- Integrated shop floor feedback taking operational production changes into account

- Sustainable efficiency increases in production due to optimized resource utilization

- Validation of production startups using simulation of various scenarios

- Increasing the production rate by analyzing and avoiding bottlenecks in the material flow

- Supply chain optimization through integrated planning of the value creation networks

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