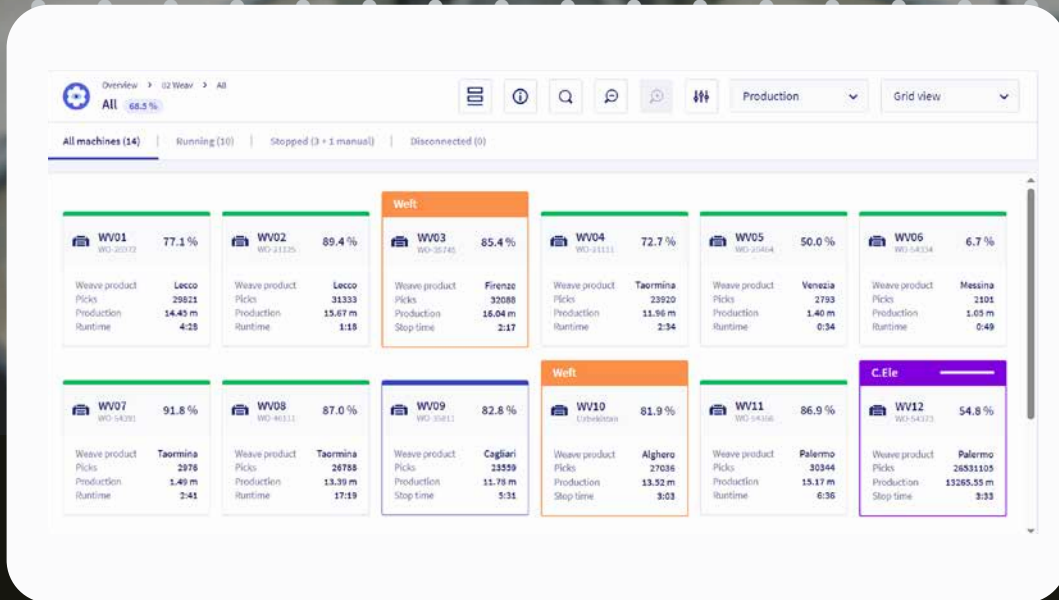


BMSvision

Empowering your productivity



Connect

Cloud-based MES for the carpet and velvet industry



Greater flexibility



Low-initial investment



Single operational workflow



Continuous upgrades



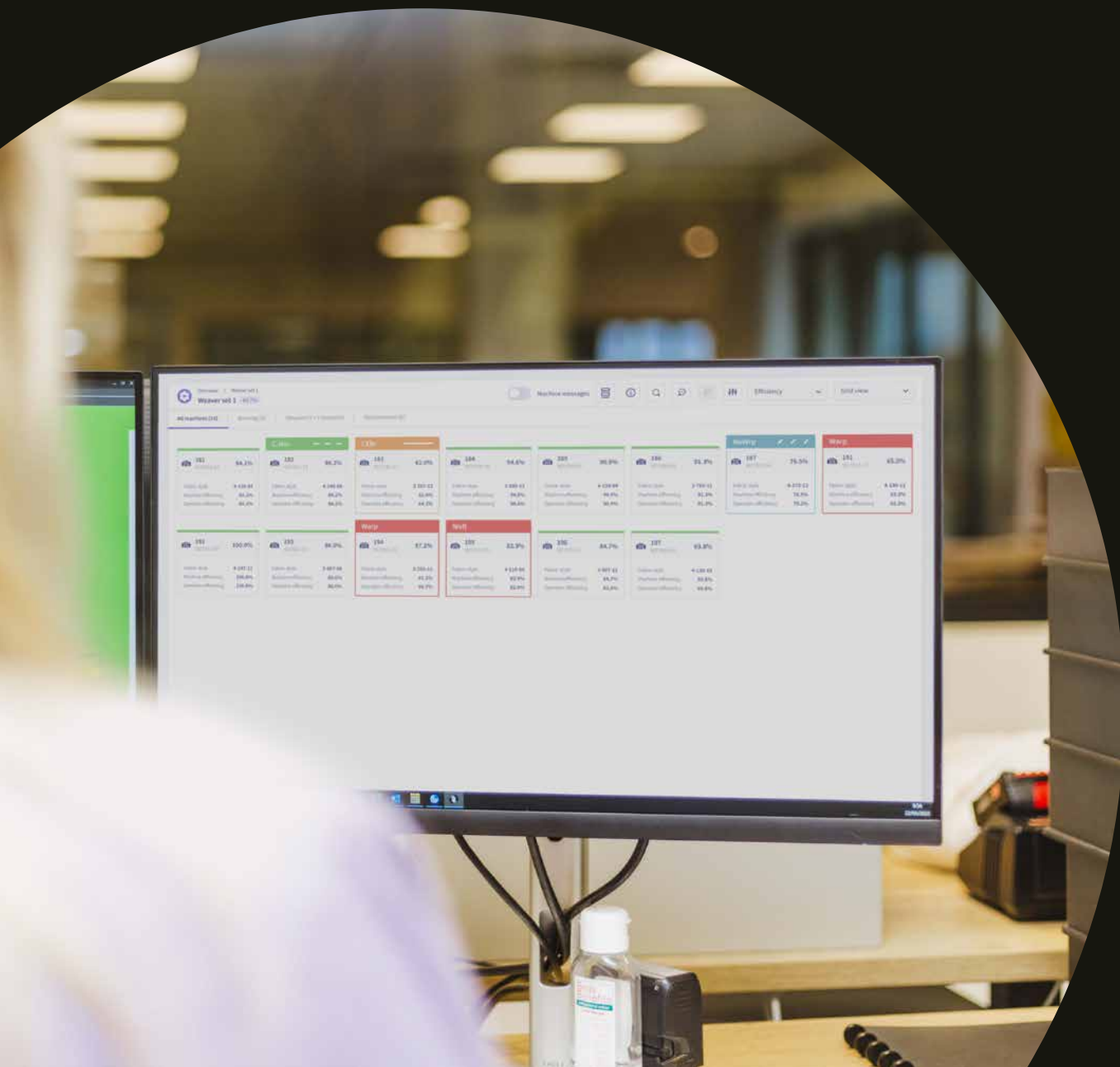
Paperless

FEATURES

- Minimum upfront investment.
- Aligned with your operational expenditure (OPEX) model.
- Fast and easy scalability to meet needs of any-sized operation.
- Reliable and secure cloud platform.
- Always latest software version available.
- Accessible through the browser of any internet connected device.
- Connection of all brands and generations of textile machines.

ABOUT

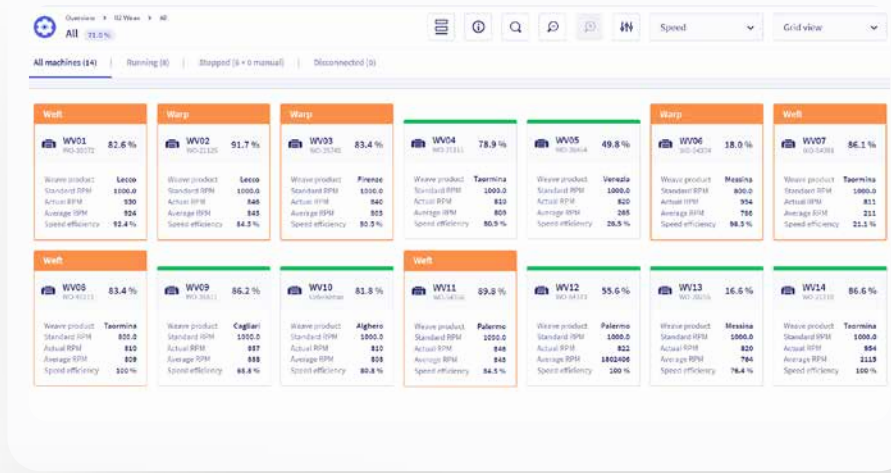
With its Master line of products, BMSvision has been the global market leader for textile MES systems for almost 50 years. With Connect, BMSvision introduces a cloud-based platform offering a wide range of MES features for the complete textile manufacturing chain, including the innovative carpet and velvet production. Connect can be accessed from the browser of any internet connected device and is easily scaled according to the customer's requirement. Support, updates and backups are handled by Connect, allowing you to concentrate on your core manufacturing business.



Connect features

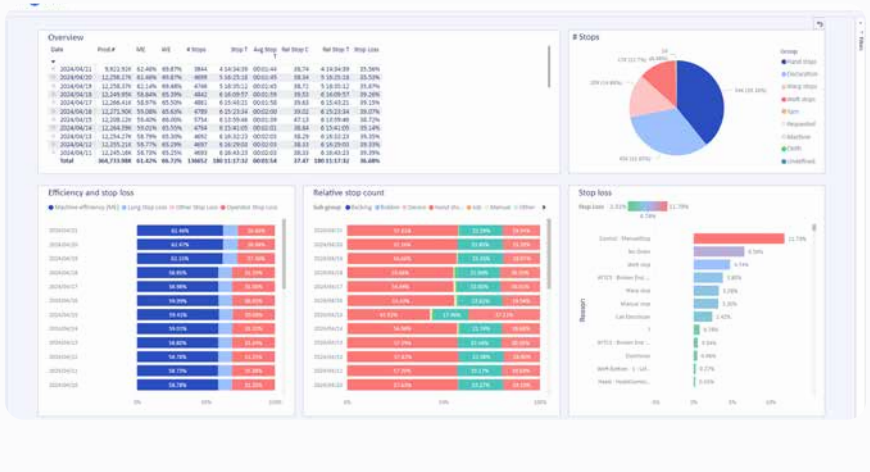
24/7 real-time visibility

The Plant view module offers real-time monitoring of the machine status and the most important KPI's such as efficiencies, machine speed, stop rates, production and order status. It enables supervisors and managers to quickly react to changes on the production floor resulting in an immediate positive impact on the performance.



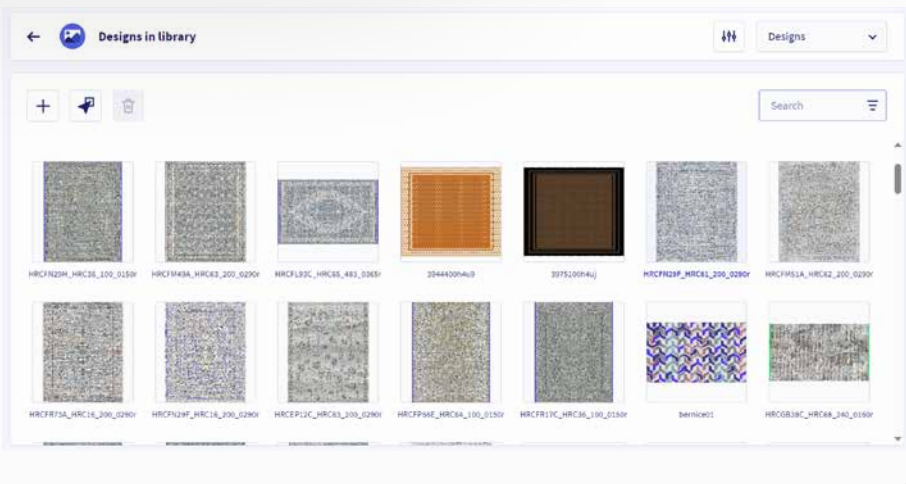
Business Intelligence

The Trends & Reports module is the perfect tool to analyze your production and quality data over a longer period of time. This interactive application offers reports for any user selectable time period by machine, product, operator, production order, ... for a quick and transparent analysis of all Key Performance Indicators (KPI).



Textile design support

Connect also includes important textile design features such as processing, simulation and yarn calculation. These improve the characteristics of your products and accelerate the design cycle for new and improved products.

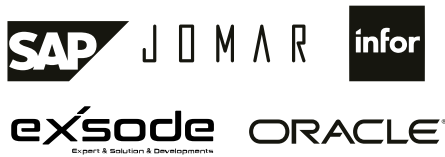
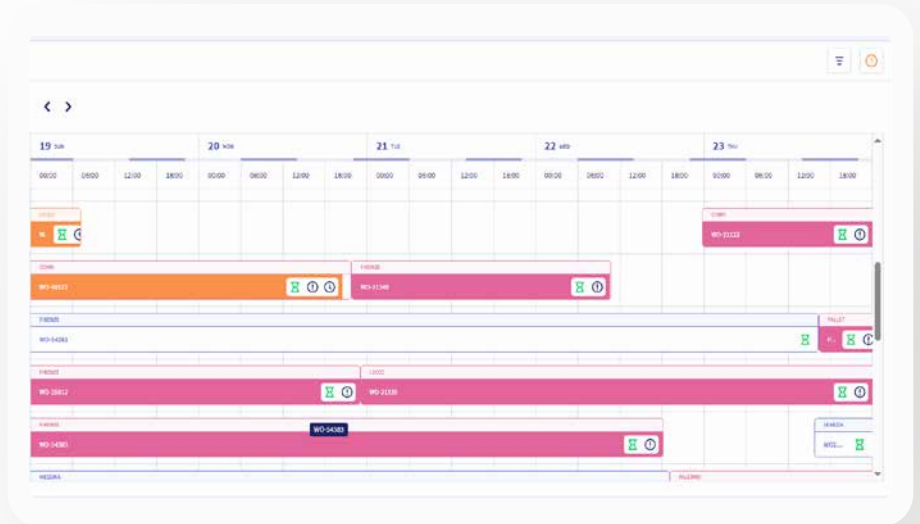


Production scheduling

Connect offers a user-friendly interface that allows you to easily input your scheduling requirements, preferences, and constraints. Making use of advanced algorithms, Connect swiftly processes this information and delivers schedules that strike the delicate balance between efficiency, resource utilization and user-defined priorities.

A standout feature of the plan board is that it shows continuous and real-time information of machine statuses. A real-time view of production runs per loom enhances transparency and control over the manufacturing process.

By means of simple “drag & drop”, the planner can select orders from the list and assign them to machines, change order priority or reschedule them on other machines.



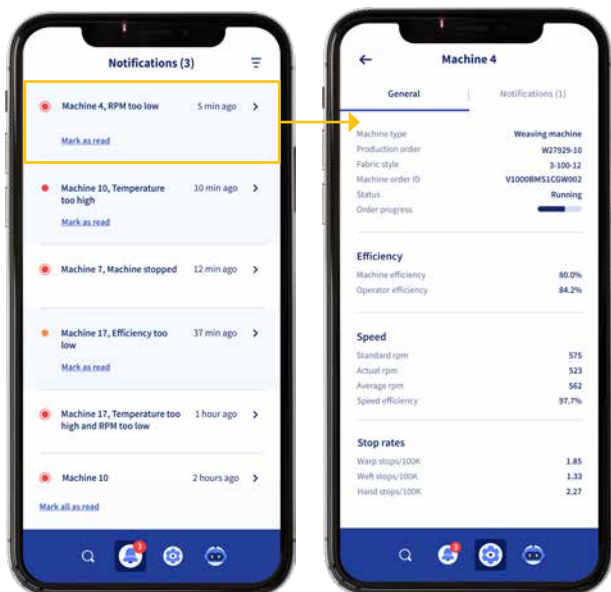
ERP interface

Connect applications are easily integrated with the customer’s ERP system. Through a standard interface, order and product data is transferred from the ERP system and imported in the Connect database tables.

Integrated export functionality allows a straightforward upload of production data, calculated production schedules and performance indicators into the ERP system.

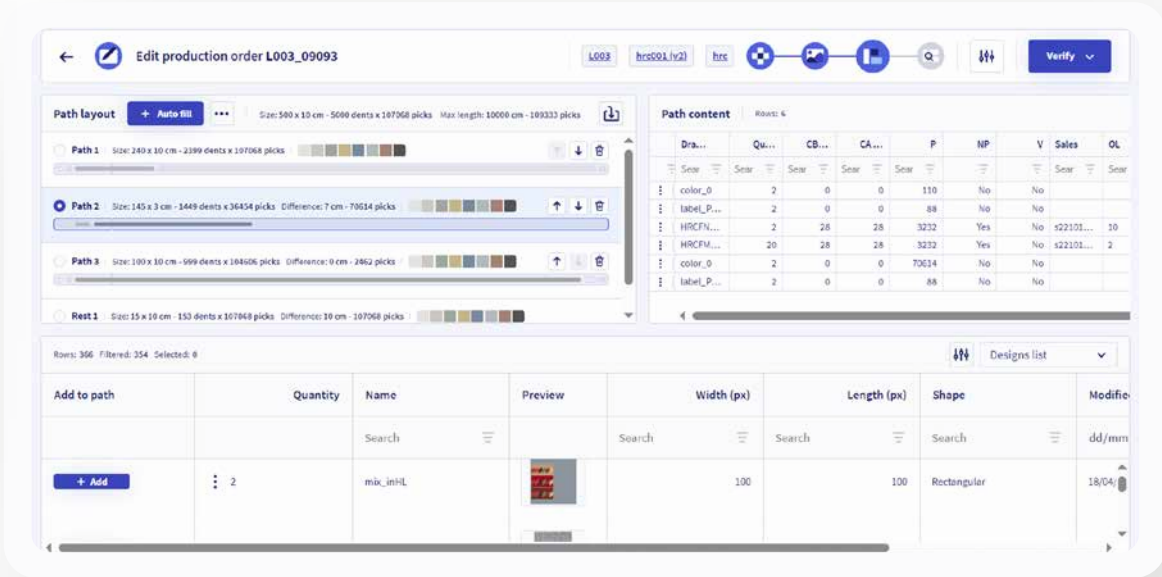
Notification center

The “alarm handling” software within Connect continuously compares selected parameters or KPI’s with predefined exception limits. As soon as an “alarm condition” is detected or when a specific event happens on a machine, the software triggers one or more actions, such as sending an e-mail or a message to a smartphone, or lighting a lamp on the machines lamp tree. Each alarm also pops up in the Connect Notification center.

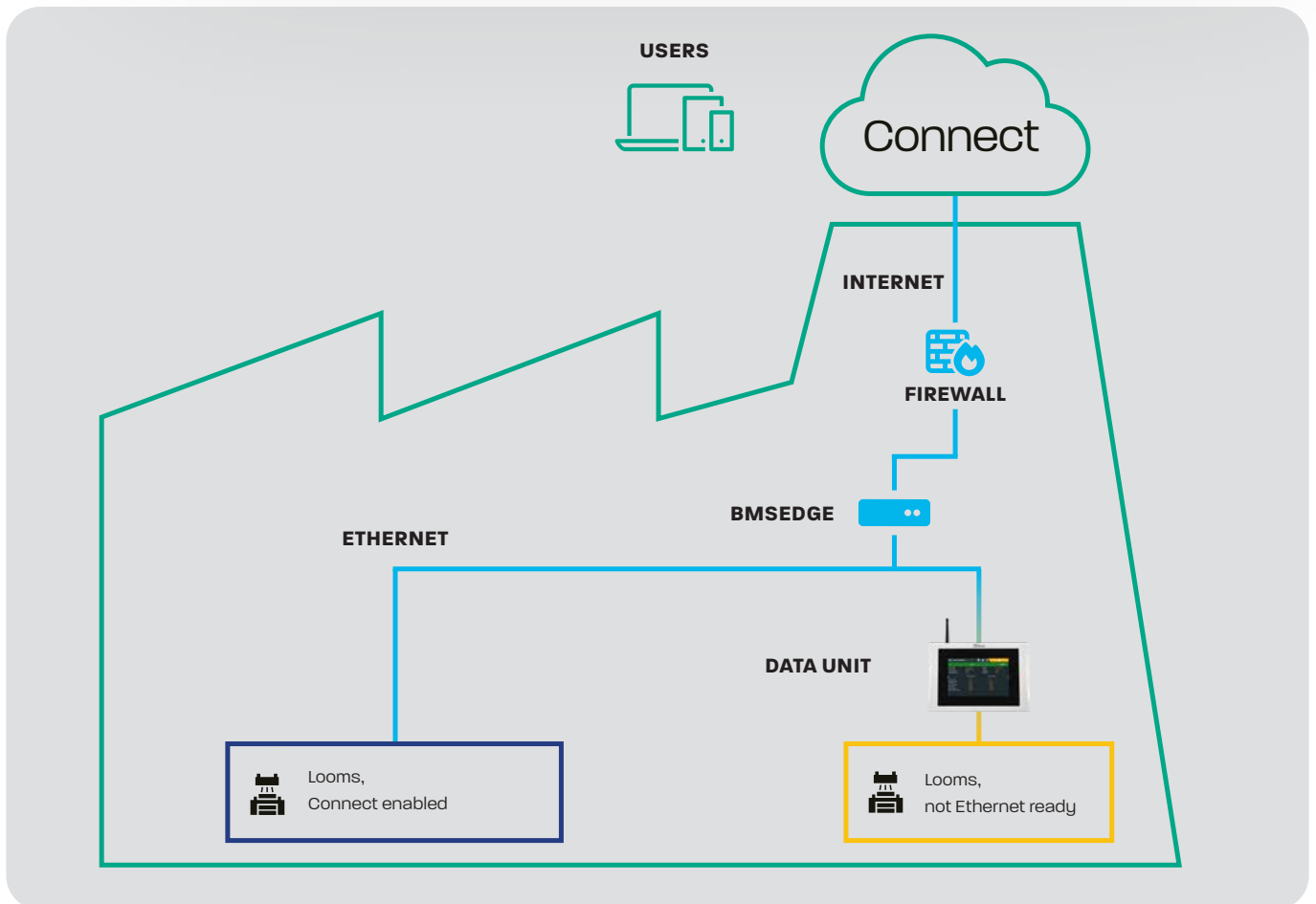


Production order builder

Streamline your manufacturing process with our user-friendly production order builder, complete with advanced features like order book analysis and offering smart path filling suggestions for optimized efficiency. Elevate your efficiency further with our perfect pick/dent visualization before any weaving and detailed production order feedback, ensuring precision at every step of the process.



Concept



• E M P O W E R I N G • • • • •
 • • • • • Y O U R • • • • •
 • • • P R O D U C T I V I T Y • • • • •

Available modules

Machine documentation	ESSENTIAL	STANDARD
Documents & training & software service	•	•

Monitoring & reporting & alerting	ESSENTIAL	STANDARD
Define machine	•	•
Connected machine KPI views	•	•
Floor: KPI templates	Fixed	Dynamic
Event board + stop messages	•	•
Reports	Standard	Advanced
Notification center	•	•

Product definition	ESSENTIAL	STANDARD
Upload designs	•	•
Design yarn	Percentages	Calculations
Define yarns / creel / color mapping	On creel level	On design level
Process BMP to EP	•	•
Weft selection in the design	•	Automatically
Download EP to USB	•	•
Weavestructures	Vandewiele weavestructures	Adapt weavestructures via templates
Quality / carpet labels / finishing	•	+ jute cond. + selv. label ERP import quality/finishing

ERP interface	ESSENTIAL	STANDARD
ERP import designs	•	•
ERP import yarns	•	•
ERP orderbook	Import PO	Create multiple PO's ERP upload PO ERP upload Orderbook feedback

Production planning & processing	ESSENTIAL	STANDARD
Create PO	•	+ path labels
Verify PO colors/patterns/layout	•	+ quantity suggestions
PO processing	•	Yarn calculations
Filetransfer to machine	•	•
Planning board-queue	•	•
PO feedback to Connect	•	•

Energy (optional add-on module)	ESSENTIAL	STANDARD
Consumers list	Machinery	Machinery / utilities / others
Energy Management		
Mapping energy flows	One energy resource per machine	•
Benchmarking (EnPI's)	•	•
Carbon footprint	•	•
Cost calculation	Static factor	•
Analyses		
Benchmarking machines / products with process EnPI	-	•
Alarming module	-	•
Reports		
Trend analysis	•	•
Plant level report	•	•
Production report	•	•
Cost allocation report	-	•
Sankey diagram	-	•
Benchmark report	•	•

Security & GDPR

BMSvision applies the highest standards of Cybersecurity Infrastructure and Development policies, in line with the manufacturing industry standards IEC 62443 and ISO27000, to provide state-of-the-art secure solutions to its customers, partners and employees. Furthermore, BMSvision applies the Cybersecurity framework OWASP SAMM (Software Assurance Maturity Model), which covers the NIST SSDF (Secure Software Development Framework). We guarantee that your personal and valuable business data in the cloud is protected by the highest safety and security techniques and processes.

Why BMSvision

- Almost 50 years of experience in the textiles industry.
- + 1500 customers worldwide.
- Innovation is part of our DNA.

Interested to know more?

Check out our website www.bmsvision.com
Or contact our experts via sales@bmsvision.com

BMSvision

Empowering your productivity

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