# TEXconnect

## Cloud-based MES for the carpet and velvet industry

With its "Master" line of products, BMSvision has been the global market leader for textile MES systems for more than 40 years. With TEXconnect, 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.
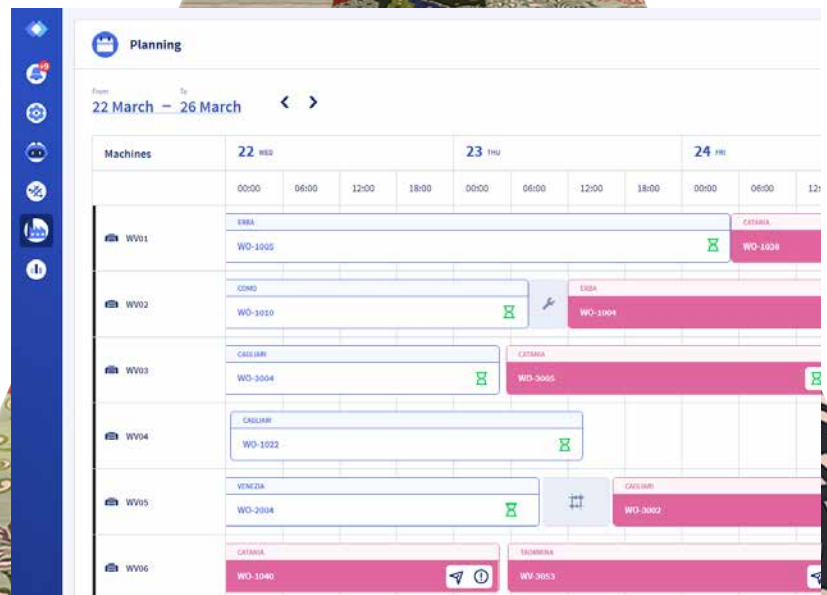
TEXconnect can be accessed from the browser of any internet connected device and is easily scaled according to the customer's requirement. Support, updates and backups are handled by TEXconnect, allowing you to concentrate on your core manufacturing business.

TEXconnect

# TEXconnect features

## 24/7 real time visibility

The **TEXstate** 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 **TEXbi** 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

TEXconnect 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

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

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

TEXconnect 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 TEXconnect database tables.

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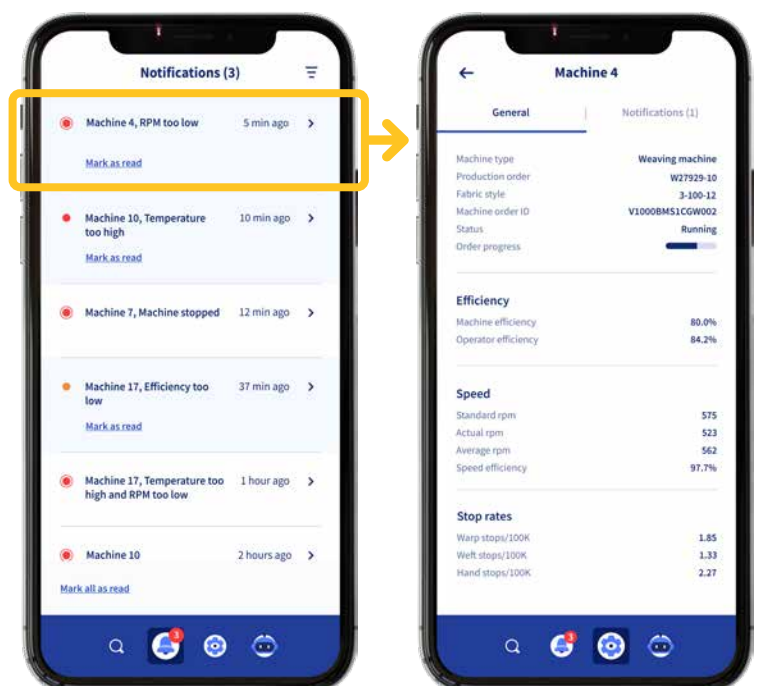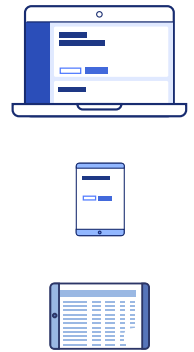
## Notification center

The "alarm handling" software within TEXconnect 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 TEXconnect **Notification** center.
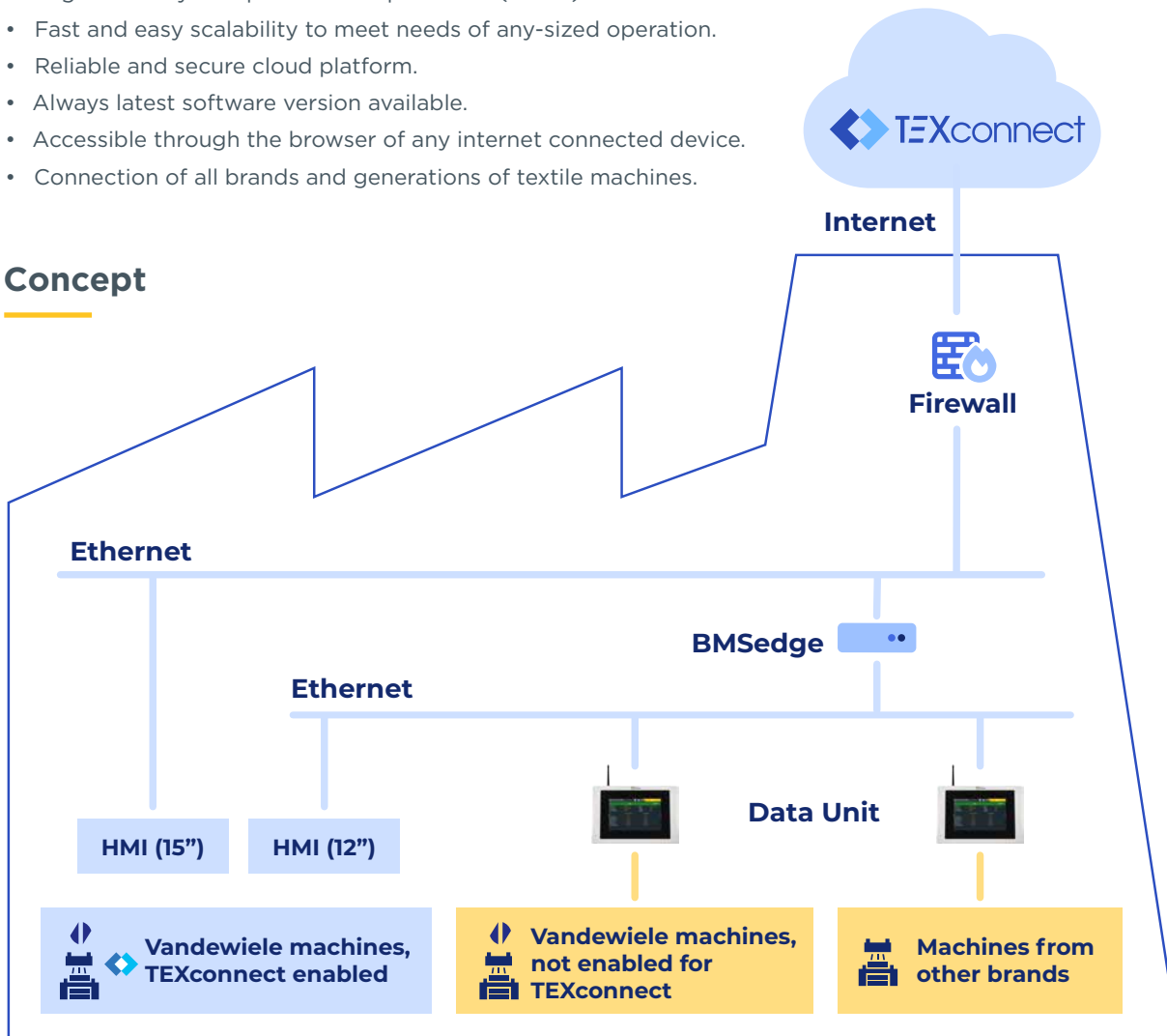
# TEXconnect key benefits

- 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.

## Users

## Concept

**TEXconnect**

**Internet**

**Firewall**

**Ethernet**

**BMSedge**

**Ethernet**

**Data Unit**

**HMI (15")**

**HMI (12")**

Vandewiele machines, TEXconnect enabled

Vandewiele machines, not enabled for TEXconnect

Machines from other brands

Are you curious?

You should be ...

Register here and let's get TEXconnected!

www.bmsvision.com/texconnect

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