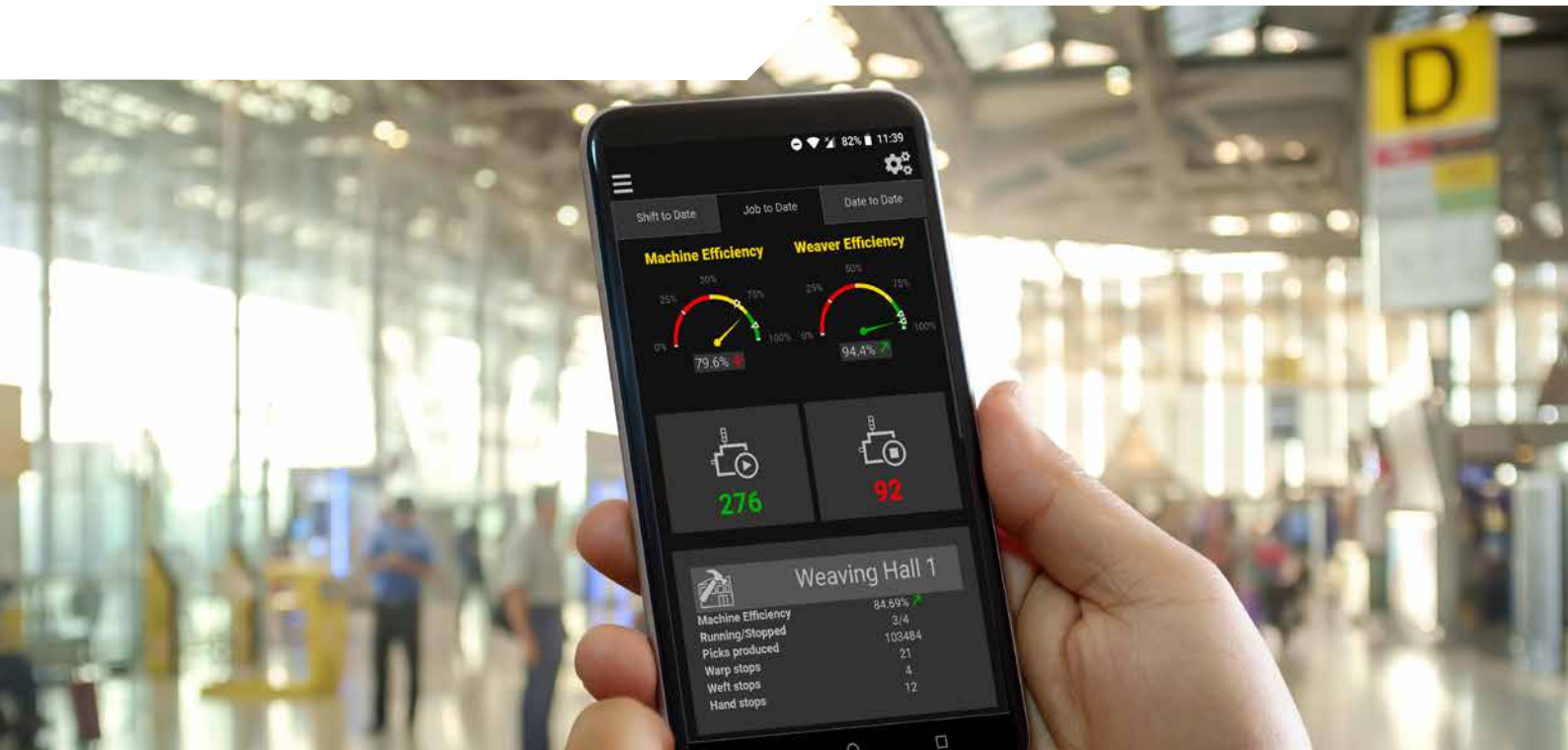# MyMES

MES at your fingertips

As an extension to the BMSvision MES solutions, the MyMES app allows users to keep track of their operations whenever they want and wherever they are. It provides alarm messaging, KPI reporting and machine and order status monitoring on the smartphone of the user.

Features

- Real time alarm messages.
- Easy, personalized configuration of alarm settings.
- KPI reporting.
- Machine status monitoring.
- Order status monitoring.
- User configurable landing page.
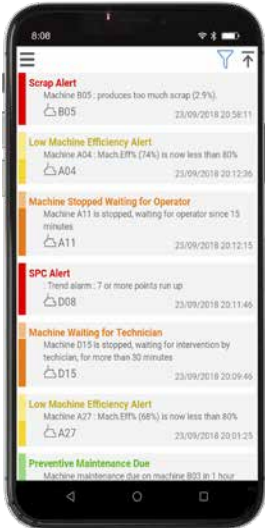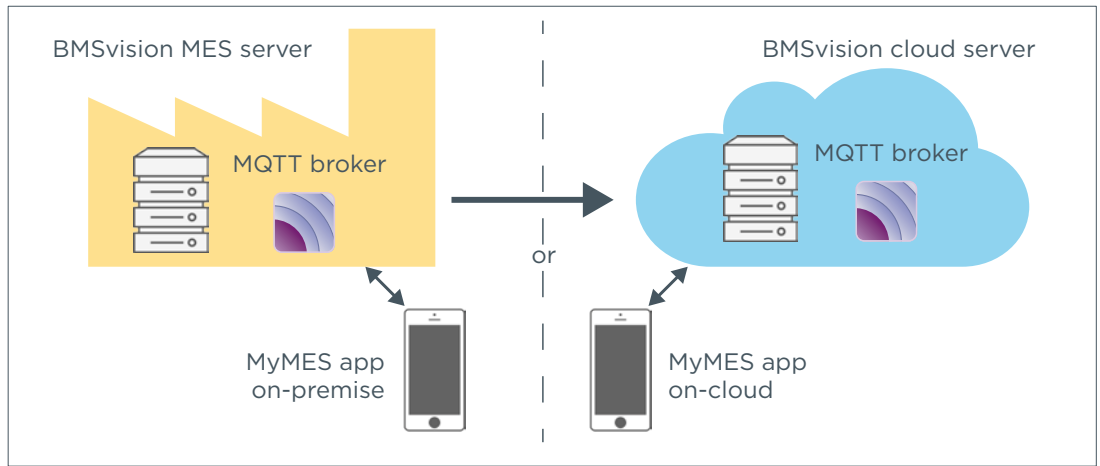- Multi-language including Asian languages.

Benefits

- Immediate reaction to problems in the production process.
- Higher efficiency through minimized down times.
- Reduced rejects due to shorter response times to quality problems.
- 24/7 transparent production.

Security and GDPR

BMSvision guarantees that your personal and valuable business data in the cloud is protected by the highest safety and security techniques.

Authentication and API access are combined into a single security token protocol. The combination of OpenID Connect and OAuth 2.0 is the best approach to secure modern applications for the foreseeable future.

The app also uses Transport Layer Security and only stores the customer's name, the user's login name and his preferences locally.

Concept

BMSvision MES server

MQTT broker

BMSvision cloud server

MQTT broker

MyMES app
on-premise

or

MyMES app
on-cloud

Functions

Mobile alarms

Through the "MYMES Gateway", the alarm messages generated by the BMSvision Events & Alerts module are pushed to the cloud making them available in the MYMES app.

Push notifications are also available even is the MYMES app is not running.

Each individual user can subscribe to specific types of alarms, such as production, maintenance, quality, management related messages. Subscriptions are stored in the local storage so that they don't need reconfiguration after app restart.

KPI and machine status

Key Performance Indicators, such as machine efficiency, weaver efficiency, performance, quality and OEE are available on any level, e.g. plant, department, planner and even custom field combinations.

From the department summary, the user can drill down to the individual machines to check current status, machine speed, stop level, efficiencies and OEE.

Order status information

Information about current and next production order is available for each machine. The user is informed about produced and remaining quantity, calculated end date and all other important order related information.

Prerequisites

- WEAVEMASTER/KNITMASTER/PLANTMASTER 8.40.3 or higher
- QMASTER 3.2.2 or higher
- Events & Alerts module
- Full SLA (Service-Level Agreement)
- Permanent Internet access

Download on the App Store

Minimum iOS 9.0

GET IT ON Google Play

Minimum Android 5.0

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