

# AMS Mobile Applications

for Smartphone, Tablet, Mobile Device, or TFT

Take advantage of the many AMS features in production, wherever they are needed. The practical AMS applications for smartphones, tablets, or industrial mobile devices are always at hand. They support your work processes in shipping, handing over to the customer, in the warehouse,

in incoming goods, in production, in outsourcing, maintenance, and many other areas.

**Your benefit:** The mobile applications are perfectly integrated into AMS. All data collected is available to the departments in operation in real time and can be used.

*"Mobile Applications for AMS: time-saving, practical, handy."*



## Available Mobile Applications for AMS:

Mobile Dispatch AMS<sup>mDIS</sup>

Mobile Stock Keeping AMS<sup>mSK</sup>

Mobile Production Data Capture AMS<sup>mPDC</sup>

Mobile Production Overview AMS<sup>mPO</sup>

Mobile Image Generation AMS<sup>mIMG</sup>

Mobile Maintenance Book AMS<sup>mMB</sup>

Mobile Workbench AMS<sup>mOSWB</sup>

Mobile Goods Receipt Control ASM<sup>mGRC</sup>

Mobile Planning Table AMS<sup>mPT</sup>

# An Overview of the Mobile AMS Applications:

## Mobile Dispatch AMS<sup>mDIS</sup>

The Mobile Dispatch AMS<sup>mDIS</sup> application combines three convenient sub-functions:

### Mobile Purchase Order Transmission AMS<sup>mpOT</sup>

Create images of the order papers when picking up the goods from the customer. These are then available to the incoming goods office in real time for order clarification, pre-production planning and upstream order entry. The goods are (pre-)recorded in EDP even before they reach operation. Technical consultations can be held earlier with the customer. Equipment occupancy can be estimated even more easily and short-term high work volumes in incoming goods are avoided. Peak recording times are avoided.

### Mobile Bill of Lading AMS<sup>mBL</sup>

With the Mobile Bill of Lading AMS<sup>mBL</sup> you can:

- Create and print delivery lists or dispatch documents and send them by e-mail
- Have them confirmed by the recipient
- Create images of bill of lading, delivery notes, test certificates, pick-up service, or outsourcing as documentation.

This saves time in dispatch processing while increasing the quality of shipping.

### Mobile Goods Transfer to End Customer AMS<sup>mGT</sup>

With the Mobile Goods Transfer to End Customer AMS<sup>mGT</sup>, the recipient confirms the receipt of the goods on site. Receipt confirmations are stored in AMS via mobile data. This results in a previously unachieved goods tracking and container tracking, which extends to the receipt of goods by your end customer. Inquiries about delivery dates can be accurately communicated to the end customer during delivery.

**Your benefit:** Mobile dispatch supports the outgoing goods processes and ensures traceability.

## Mobile Stock Keeping AMS<sup>mSK</sup>

With Mobile Stock Keeping AMS<sup>mSK</sup> you can organize your warehouse quickly and effectively:

Classic warehouse processes such as storage, removal from storage, stock correction, or inventory can be easily carried out and documented on site. Stock items can be recorded as images.

Are you looking for a specific article in your warehouse? Search your inventory with intuitive search criteria, such as job item, article descriptions, storage location, or packaging. The locations of the articles found are highlighted in color on your mobile device. Time-consuming manual searching in the warehouse is a thing of the past.

**Your benefit:** Management of storage areas and optimized clarity of storage items saves time

## Mobile Production Data Capture AMS<sup>mpDC</sup>

AMS<sup>mpDC</sup> offers the benefit of documenting loads on site in the production area, assigning load composition images, processing loads in progress, or displaying a load list per system.

Thanks to AMS's unique TAM interface, the appropriate heat treatment process or coating cycle for the product from pre-quality planning is used and transferred directly to the approved machine after a safety confirmation on the mobile device.

**Your benefit:** The optimal treatment program reaches the equipment directly. Traceability and documentation are guaranteed, equipment operators can complete their tasks on the spot without any inconvenient location changes.



# An Overview of the Mobile AMS Applications:

## Mobile Production Overview AMS<sup>mPO</sup>

The Mobile Production Overview AMS<sup>mPO</sup> provides a department-oriented view of the work situation in a Kanban style and provides a simple overview of the current production situation.

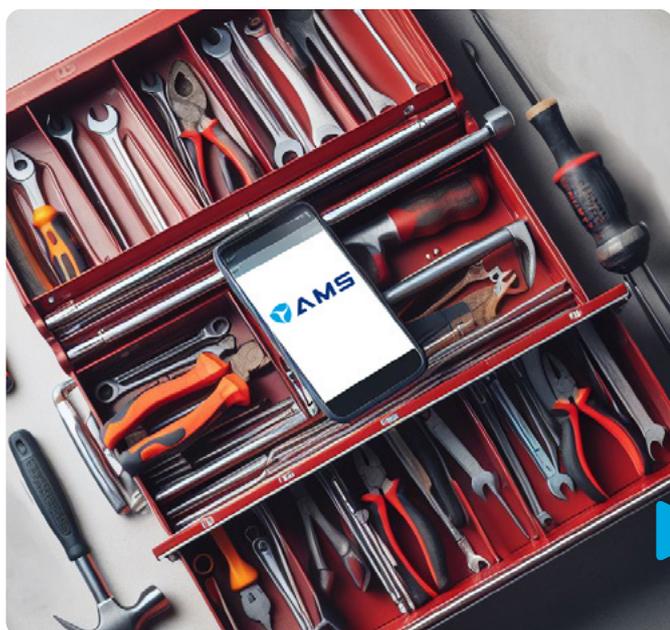
Thanks to the unique link with the equipment control and the TAM interface, the current status of the equipment is displayed in conjunction with the equipment assignment.

Numerous filter options according to treatment instructions, status and quick quick deadline as well as sorting options, e.g., by delivery date, simplify the overview of production jobs.

In addition, AMS<sup>mPO</sup> shows in color whether there are restrictions for the charging/production or delivery of the goods.

It is recommended that the Mobile Production Overview AMS<sup>mPO</sup> be displayed on TFT screens due to the information provided.

**Your benefit:** Early detection of scheduling problems/capacity bottlenecks by displaying current production in real time. Production personnel recognize processes and are always equipped with the necessary information.



## Mobile Image Generation AMS<sup>mIMG</sup>

In addition to the embedded image generation function in other mobile applications, Mobile Image Generation AMS<sup>mIMG</sup> enables situational image capturing in the factory.

Use the camera of your mobile device for fast image documentation of relevant production situations, save images in the cache memory and/or assign the images to the following functions:

- Mobile Image Generation Charging AMS<sup>mGCH</sup>
- Mobile Image Generation Goods Receipt AMS<sup>mGGR</sup>
- Mobile Image Generation Complaint AMS<sup>mIMGCM</sup> for an existing job item or transport manifest.

**Your benefit:** Simple and fast image documentation in production

## Mobile Maintenance Book AMS<sup>mMB</sup>

The Mobile Maintenance Book AMS<sup>mMB</sup> is an indispensable tool for the maintenance technicians. It enables easy recording and documentation of maintenance tasks in the field. Maintenance personnel can record their working hours, record equipment downtime, report maintenance tasks due, and document material consumptions.

In addition, images and comments can be recorded, maintenance tasks easily documented and completed maintenance can be verified and systems released for use.

**Your benefit:** Current maintenance is always in view and can be recorded on-site

The AMS<sup>mMB</sup> is the ideal digital support for processing your maintenance tasks.

# An Overview of the Mobile AMS Applications:

## Mobile Workbench AMS<sup>mOSWB</sup>

The Mobile (extended) workbench AMS<sup>mOSWB</sup> transmits the re-entry of externally assigned goods into the company. The recording is simply done on the mobile device and is stored directly in AMS. Goods are recorded in the incoming goods department by the barcode scanner and automatically assigned to the previously created external assignment item in AMS with the delivery date.

By creating images of the goods, the delivery status after the return can be documented.

**Your benefit:** Rapid recording of outsourced articles and support of quality management through documentation. A consistent supplier evaluation for ordered items and outsourced services becomes possible.

## Mobile Goods Receipt Control AMS<sup>mGRC</sup>

With the AMS<sup>mGRC</sup> Mobile Goods Receipt Control, information of the quantity and weight of the goods can be done on the mobile device incoming goods department and transmitted to the previously created job item. This enables a quick reaction to differences between the delivered goods and the order. The items can be easily scanned by barcode and assigned to the job. Counting and weighing processes within the process chain can also be integrated intuitively and reliably in this way.

**Your benefit:** Direct control of the delivered goods upon arrival. Differences can be recorded immediately and counting/weighing operations can be carried out easily.

## Mobile Planning Table AMS<sup>mPT</sup>

The Mobile Planning Table AMS<sup>mPT</sup> shows the planned jobs for the respective equipment and transmits the current planning to the production staff: The overview shows different

- time intervals
- assets
- plan elements
- and job item details.

If a load is in active processing, it is highlighted in color. The connection with the process control system technology enables a constant comparison between planning and real production. It is recommended that the AMS<sup>mPT</sup> Mobile Planning Table is to be used with TFT screens/televisions in the department (e.g. with the AMS Airport View option).

**Your benefits:** Forwarding the current planning to the production staff ensures optimum resource planning.



The mobile applications are ideal for the mobile devices shown here and also for other industrial *handhelds* or *Android* and *Apple* mobile phones. Take advantage of our extensive experience with industrial-grade equipment. We will be happy to assist you with your selection.

# An Overview of the Mobile AMS Applications:



## Licenses Required to Operate the Mobile Applications:

Each mobile application uses its own AMS<sup>mBasis</sup> license.

Our specialists take care of installing the required stationary basic AMS program with the included basic functions (Jobs, Quotation, and Charging module) for you.

Using numerous mobile AMS functions becomes possible with by purchasing the respective license. Some mobile functions also require a stationary counterpart in order to be fully operational. For example, the AMS<sup>MB</sup> Maintenance Book is the basis for the Mobile Maintenance Book AMS<sup>mMB</sup>, the AMS<sup>PT</sup> Planning Table for the Mobile Planning Table AMS<sup>mPT</sup>, etc.

## Technical Requirements for Mobile Devices:

- Suitable for smartphones, tablets, or industrial handhelds
- For iOS or Android
- WLAN coverage for use on the intranet required. (Outside: Mobile data)



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