MembrainPAS

The mobile solution for your ERP system

THE LEADING STANDARD IN ENTERPRISE MOBILITY & SHOP FLOOR INTEGRATION

DATA SHEET

Mobile data acquisition

Membrain GmbH provides standard applications for a range of logistical business processes as part of the MembrainPAS (Pre-designed Application Suite) as an “out of the box solution”. Mobile data acquisition makes merging flows of goods and information simple and easy.

The mobile data acquisition of MembrainPAS is capable of acquiring data beyond the computer workstation - precisely where it is needed - with low personnel and financial outlay.

The applications:

Warehouse
- Goods receipts
- Taking into stock / restocking / destocking
- Inventory requests
- Picking

Production and fabrication
- Preparation of goods
- Picking
- Remote data collection

Inventory management
- End-of-period inventory
- Permanent inventory
- Occasional inventory

Quality assurance
- Locking of stocks

Maintenance management
- Maintenance orders
- Assets/objects
- Documentation
- Spare parts
- Contact details, etc.

Serial numbers
- Acquisition and tracking

Traceability
- Tracking of goods
- Tracking of batches
- Minimum shelf life limit tracking

Time recording
- Working hours and assembly times

Dispatch
- Picking
- Goods issues, etc.

Requirements
Standard hardware: Windows PC, smartphones and tablets (Android, Windows, iOS, BlackBerry) handheld (Zebra/Motorola, Intermec, Datalogic, Psion, etc.), industrial terminal

Microsoft Partner
Silver Application Development
Use of standards

MembrainPAS is based entirely on the Microsoft .NET standard development platform and is therefore suitable for use on all conventional mobile data acquisition devices – from handhelds to smartphones. Almost all barcode printers can be easily integrated. Industrial terminals are also supported. Barcodes, 2D codes, RFID and manual entries are all possible.

The solution can also easily be connected to all existing ERP systems (e.g. Microsoft-Dynamics AX/NAV, Oracle, AS400, etc.). The online/offline mode enables MembrainPAS to operate quickly without interruptions, even under diverse environmental conditions (e.g. in a warehouse without wireless coverage). The mobile data acquisition solution is scalable, thus allowing it to support additional processes and be extended to a complete "shop-floor" system.

MembrainPAS Feautures

- Standard software (simple licensing model, modular)
- User-friendly user interface (no training required)
- Fast, cost-effective implementation
- Online/offline capability (high-speed, uninterrupted operation)
- Flexible auto-ID integration (barcode, 2D code, RFID)
- Supports all commercially available mobile data acquisition devices
- Use of ERP standard functions (e.g. Microsoft-Dynamics AX/NAV, Oracle, AS400, etc.)
- Scalable functionality
- Windows demo or trial version

You will find further information at
[www.membrain-it.co.uk](http://www.membrain-it.co.uk)

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## MembrainPAS Features

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