

COSYS industry solutions

Professional wheelset labeling



Description → Overview

Unlabeled wheelsets after maintenance



Data capture of wheelsets with handheld computer and software application from cosys running on mobile device



Data transfer to database and erp system over network connection by using wireless LAN or ethernet cradle (batch transfer)



Printing wheelset label with stationary label printer (starting printjob from mobile device)



Mounting wheelset label



Labeled wheelsets, ready for assembling



Data capture with rugged handheld and cosys software application



Data capture with rugged handheld computer and cosys software application running on it

→ **COSYS** software application installed on mobile device

- Wheelset number
- Wheelset type
- Bearing type
- Axle condition
- Owner
- Factory
- State of repair
- Date of maintenance



Bauteile 15:43

Radsatznr.: 42142188

Radsatzbauart: DB-97

Wälzlagerart: PRL Lager Ausf.: Y

Eigentümer: U

Transwaggon: Y

Instandhaltungswerk: Alstom Salzgitter

Abbrechen

Bauteile 15:46

Wälzlagerart: PRL Lager Ausf.: Y

Eigentümer: Transwaggon

Instandhaltungswerk: Alstom Salzgitter

Radsatzlast: 20 Wellenzust.: W2

Inst. Stufe: 1 Inst. Datum: 07.12.2012

Abbrechen

Translations in a wide range of languages available

Data transfer to database and erp system



Data transfer to network, database an enterprise resource planing system

ERP system interface is part of the solution

Data transfer to network could be effected by ethernet cradle or wireless communication



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Label printing



Label printing

Preset cutting unit

Connects to the network over ethernet or wireless
(Optional WLAN 802.11 b/g interface)

All hardware components adapted for industrial applications and environment

Wheelset label (key data)

- Great adhesion
- High thermal shock and wind load resistance
(-40°C up to +60°C)



Basic components of solution

Handheld with ethernet
cradle

+

COSYS software application
on mobile device



Label printer

+

Bartender label printing software



Printing supplies

(wheelset labels + transfer ribbon)



Implementing of database and erp interface can be guaranteed by cosys.

Cosys Software applications can be integrated by our Webservice to a variety of highly diverse erp systems.

Recommended label printer

Valentin Compa II Series



- Large label rolls up to a diameter of 200 mm
- Print speed up to 200 mm/s
- Simplest operating and maintenance ability
- Large graphic display with and white background lighting
- Interfaces integrated as default: LAN, USB as well as serial and parallel port
- Optional WLAN 802.11 b/g interface
- 2-fold USB host for connection of USB keyboard and memory stick as well as a slot for Compact Flash cards

Recommended mobile devices

Psion Ikôn



- Wireless LAN, Bluetooth, GPRS/UMTS/HSDPA, GPS
- 1D Imager
- Win Mobile 6.1, 128 MB RAM, 624 MHz
- High capacity battery (5000 mAh)
- 2 Megapixel autofocus, LED
- Drop resistance up to 1,5 meter, IP65 certification
- Wide range accessories (belt- and protection bags)

Recommended mobile devices

Datalogic ELF



- Wireless LAN, Bluetooth, GPRS/UMTS/HSDPA, GPS
- 1D Laserscanner, 1D or 2D Imager (greenspot, visual reading confirmation)
- Win Mobile 6.5, 256 MB RAM, 624 MHz
- High capacity battery (5000 mAh)
- 3 Megapixel autofocus, LED
- Drop resistance up to 1,5 meter, IP54 certification
- Wide range of accessories (belt- and protection bags)

Recommended mobile devices

Dolphin 7800



- Wireless LAN, Bluetooth, GPRS/UMTS/HSDPA, GPS
- 1D Scanner or 2D Imager
- Windows Embedded Handheld 6.5, 256 MB RAM, 512 MB Flash
- Standard-Battery: 2300 mAh; High capacity battery: 4000 mAh
- 3 Megapixel Autofocus, LED Light
- Drop resistance up to 1,5 meter, IP64 certification
- Wide range of accessories (belt- and protection bags)

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