



easyjob 4.0 Mobile

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Getting Started

easyjob 4.0 Mobile is a re-designed phone and scanner software. In the past, there were two different applications for this. easyjob 4.0 Mobile combines both applications. A large part of the Phone and Scanner Edition can also be used off-line for mobile use. In this way, you can use your phone while on the go to open your Address Book or view the Bill of Items for a Project or a Staff Plan. This Scanner also continues to work in the Warehouse also after the termination of the WLAN Connection and can be used as a mobile device at external warehouses or at production sites. When the server is again available easyjob 4.0 Mobile automatically synchronizes all data created offline. Conflict management will be used to correct conflicts created during offline use.

In order to limit the amount of configuration required for the device, the device settings are configured via easyjob. Installation takes place via the installation routines integrated in easyjob.

Important Notice

This document is meant to provide a general overview of the activities as well as the use of the program module.

The implementation of the program module as well as the documentation has been done with great care. The individual program functions are constantly checked through our Quality Assurance Process. However, errors can still occur.

Training

We offer customized training programs for the following extensive topics.

To learn more, please contact our sales office or visit the following link www.easyjob4.com/training.

easyjob 4.0 Mobile Editions

easyjob 4.0 Mobile is a specially developed easyjob application for mobile data access. easyjob 4.0 Mobile is available in three different editions:

easyjob 4.0 Mobile Phone Edition

Features at a glance:

- Offline synchronization
- View and create addresses
- Use telephone functions from the address book
- View and create projects
- View item schedule
- Book items in a job created offline
- View resource planning
- Book resources in a job created offline

easyjob 4.0 Mobile Scanner Edition

The easyjob Mobile Scanner Edition is based on the Phone Edition and additionally includes components that are necessary for the barcode scanner.

Features at a glance:

- Load and unload jobs
- Unload projects
- Start barcode printing
- Assign a device serial number via the scanner
- Inventory

easyjob 4.0 Mobile iPhone/Safari Edition

The easyjob 4.0 Mobile iPhone/Safari Edition is available based on a web application. This is mainly what sets it apart from the other Mobile Editions. The data is accessed via the Safari Browser. The server components are made available at companies. Communication takes place in real time via an http connection to your own company.

Features at a glance:

- Online web application
- View and create addresses
- Use telephone functions from the address book
- View and create projects
- View item schedule
- Book items in a job
- View resource planning
- Book Resources in a job

In order to differentiate between the individual editions, the individual manual chapters are marked with Phone, Scanner or Safari.

System Requirements

| | Phone Edition | Scanner Edition | iPhone/Safari Edition |
|--------|--|--|--|
| Device | Barcode scanner symbol with Windows Pocket PC 5.0 or Windows Mobile 6.0 or higher. | Barcode scanner symbol with Windows Pocket PC 5.0 or Windows Mobile 6.0 or higher. | iPhone with Safari Browser |
| | Display resolution 240x320 or higher | PPT 8846, MC 50, MC 55. MC 9090 | |
| Server | Windows XP, Windows 2003, Windows Vista, Windows 2008, Windows 7 | Windows XP, Windows 2003, Windows Vista, Windows 2008, Windows 7 | Windows XP, Windows 2003, Windows Vista, Windows 2008, Windows 7 |
| | Installed .net Framework 3.5 SP 1 | Installed .net Framework 3.5 SP 1 | Installed .net Framework 3.5 SP1 |
| | | | Internet Information Server min. 6.0 |

| | | | |
|----------------|--|---|--|
| Infrastructure | Connection to Microsoft Active Sync or Windows Mobile Center | Connection to Microsoft Active Sync or Windows Mobile Center | http access to the server computer via a fixed IP address or a dynamic DNS |
| | | For real time data exchange in the warehouse, Wireless LAN infrastructure | |

Concept

easyjob 4.0 Mobile consists of three components with the Mobile Server, the Mobile Software as well as the control and installation components.

The Mobile Server is in charge of administration, synchronization and conflict management. The device's mobile software provides the user interface as well as the offline access. Mobile devices are configured and controlled with the easyjob components.

Performance

Based on the offline functions, all necessary data must be stored locally on the device. The device's processor and memory are not very powerful, therefore the performance of some functions is limited. When loading or unloading a job, all updates are loaded onto the device during the start-up process. For larger jobs and larger inventories of items and devices, this process may take longer.

Performance optimization was a high priority during development.

Parallel operation with the scanner service

In theory, parallel operation of the scanner service is possible to use an older Datalogic scanner.

The scanner service and the easyjob 4.0 Mobile Service are not able to communicate with each other. In the case of a status change, they do not inform each other.

We recommend using only one of the two services.

Licensing

Scanners that have been purchased from protonic software as of June 2009 include the license in the price.

Licensing is device related. A license is required for each device. The device licenses are activated via the easyjob activation process. After purchasing or upgrading your easyjob Mobile license, you must reactivate easyjob.

Three editions of the device license are available:

- easyjob 4.0 Mobile Scanner Edition
- easyjob 4.0 Mobile Phone Edition
- easyjob 4.0 Mobile iPhone/Safari Edition

The previous chapter includes a comparison view of the individual editions.

The number of available licenses is controlled via easyjob activation. After purchasing a new easyjob 4.0 Mobile Edition, easyjob must first be reactivated.

easyjob 4.0 Mobile Activation

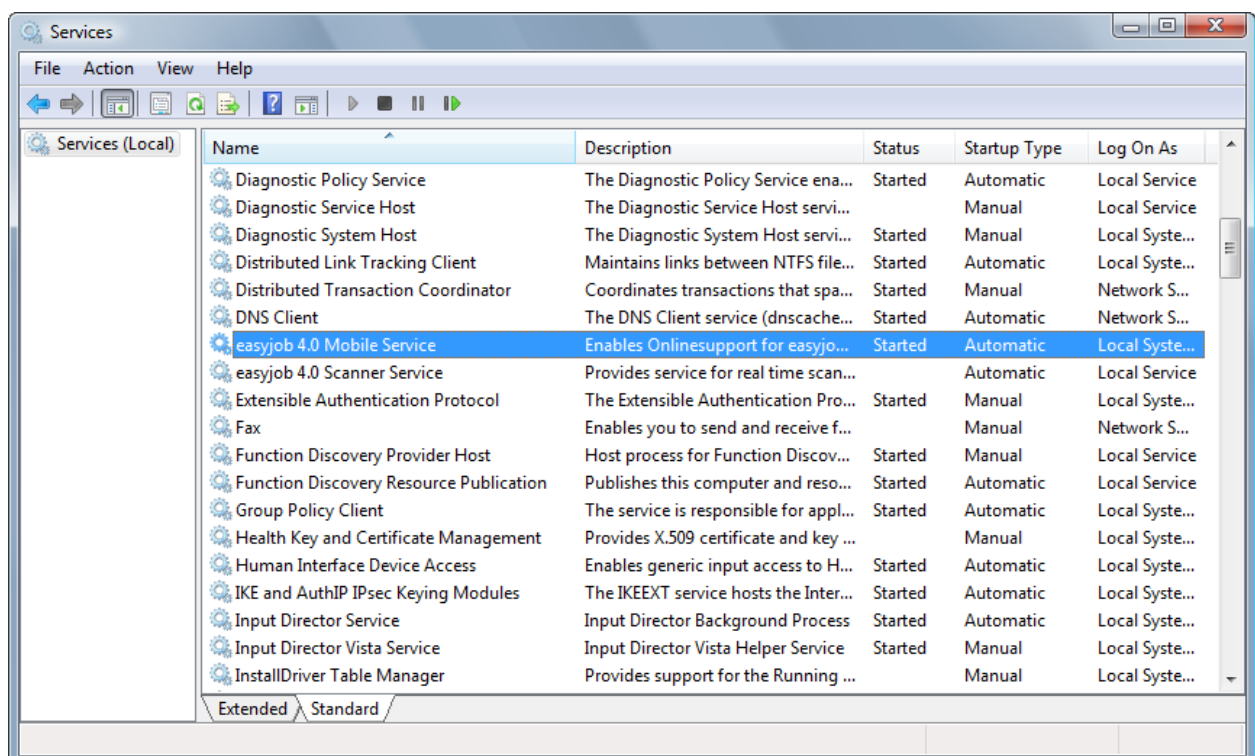
If you already use easyjob 4.0 911, an additional installation is not necessary.

Proceed as follows to activate easyjob 4.0 Mobile:

1. Reactivate your easyjob license using the activation wizard
2. Go to program settings > general > to activate easyjob 4.0 Mobile

Mobile Server Service Configuration

So that the service can perform its services without a user being logged in, the application will be made available as a Windows Server Service. The easyjob Mobile Server Service will be automatically installed in easyjob 4.0 804 and later.



After its configuration on the server, the service will start automatically. Be aware that the service must run on the server. The service will be aborted automatically on workstations.

Server Service Configuration:

According to the network environment, additional steps may be necessary for seamless operation.

The easyjob 4.0 Mobile Device Service will be executed by default with the "Local System" user context.

The print preview requires service access to the global database path as well as to the locally installed printer. Depending on the network topology, the user context may have to be configured for this.

Release of the necessary TCP Ports

If the server is firewall protected, TCP authorizations are required. Please note that these settings can only be made on the easyjob 4.0 Mobile Server Computer.

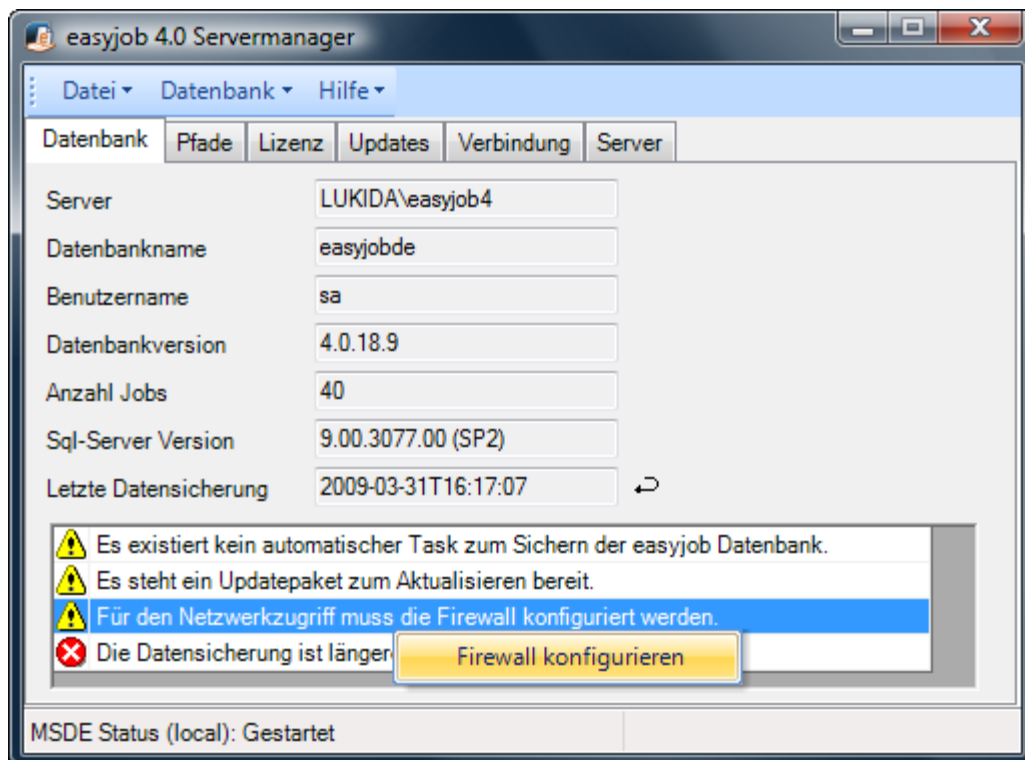
The easyjob Server Manager automatically configures the Windows integrated Firewall.

Windows Firewall Configuration

If the necessary settings have not been made yet, you will receive a message when starting the server manager.

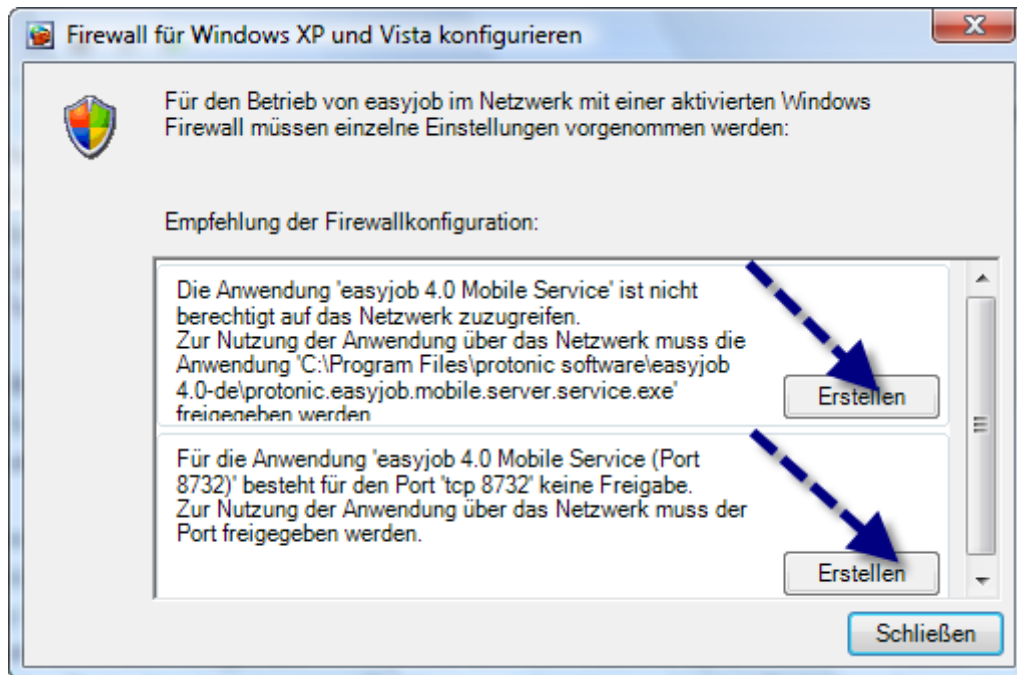
Proceed as follows to configure the Windows firewall:

1. Start the easyjob 4.0 Server Manager
2. Select "Configure firewall" from the context menu on the displayed firewall warning

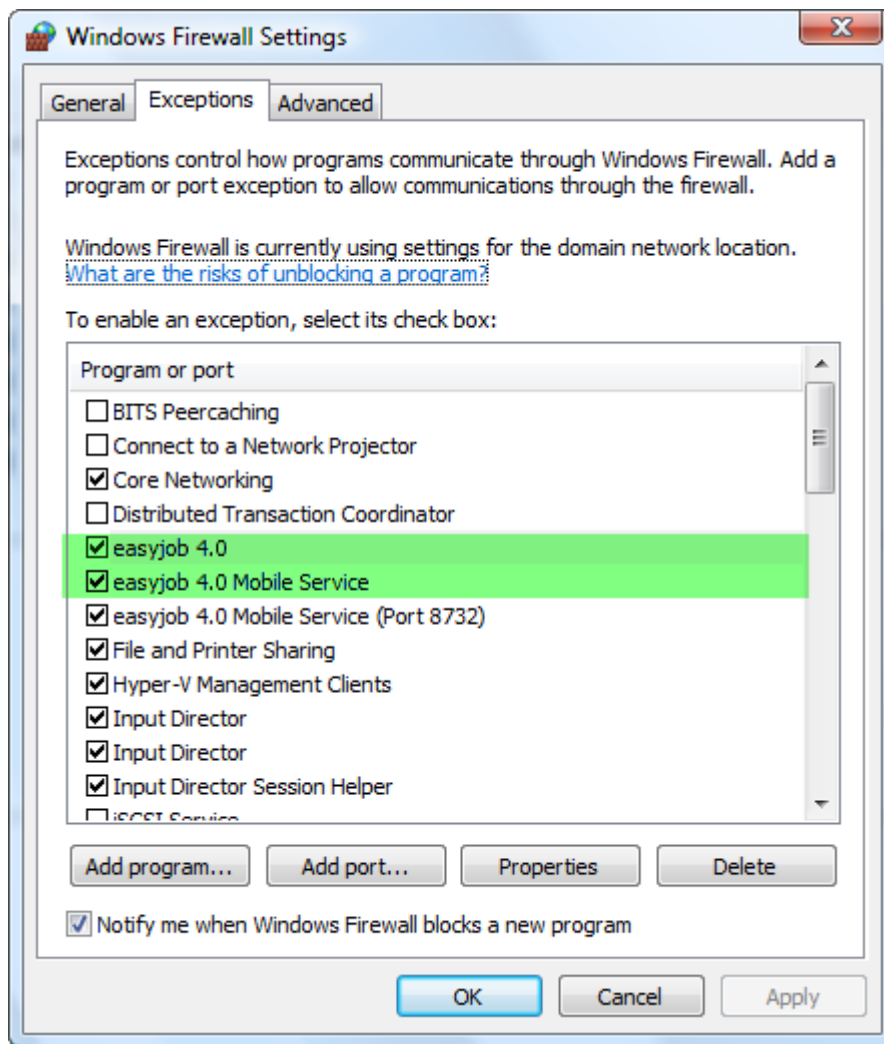


Please note that the warning will only be displayed when the Windows firewall must be configured.

3. Click on "Create" to enter the exception in the firewall



After successful firewall configuration, the following exceptions are entered:



Non-Windows Firewall Configuration

If you are using another firewall, check the following authorizations:

| Component | Type | Notes |
|-----------------------------|--|---|
| SQL Server Database | Port: 1433 | The local workstations access the easyjob database via the port. For this reason, the authorization should already exist. |
| Mobile Device Communication | Port: 8732 | |
| Mobile Device Communication | Application: protonic.easyjob.mobile.server.service.exe | |

Mobile device installation (Phone/Scanner)

The installation takes place via the easyjob Program Settings.

Prior to the installation, an active connection must be made via Active Sync (Windows XP, Windows 2003) or a Mobile Device Center (Windows Vista, Windows 7, Windows 2008).

Connecting a device via Active Sync:

The current Microsoft Active Sync is available from Microsoft's download area

1. Load the current Active Synch Version
2. Follow the installation wizard
3. Connect your device with the interface cable or scanner via the Load and Transfer Station
4. Establish a guest connection.



Connecting a device via a Mobile Device Center:

The current Mobile Device Center is available from Microsoft's download area.

Please note that for Windows 2008 installations, the Desktop Experience must be activated in Windows.

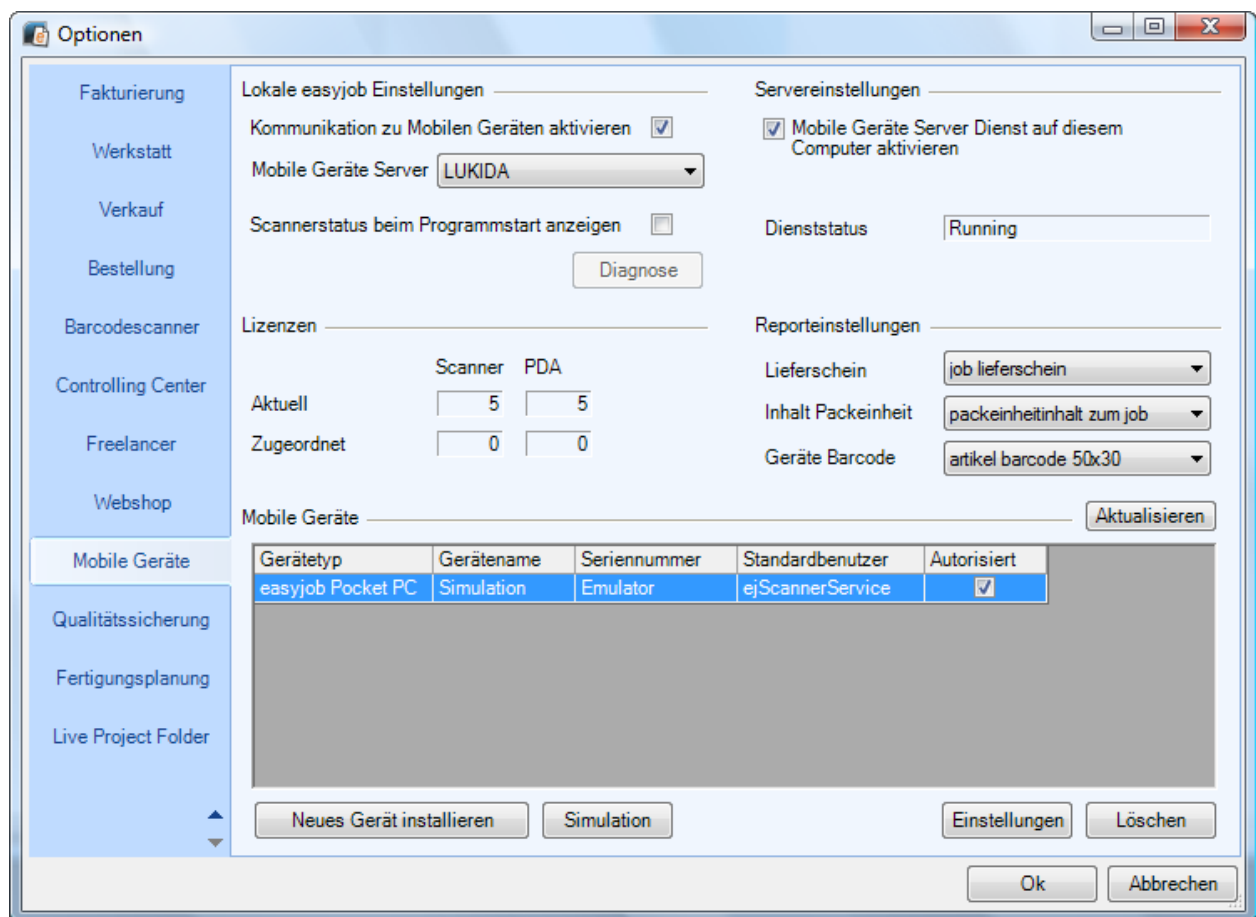
1. Load the current Active Synch Version
2. Follow the installation wizard
3. Connect your device with the interface cable or scanner via the Load and Transfer Station
4. Establish a connection to your device.



Installation

Connecting to a mobile device

After the mobile device connection to the local computer described in the previous chapter, the first installation step must be performed.

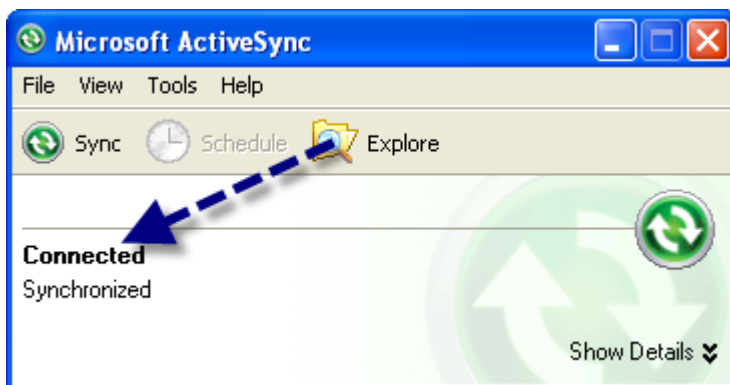


The connection components (Mobile Device Center/ActiveSync) were not designed very robustly by Microsoft. In order to install easyjob Mobile, the Mobile Device Center/ActiveSync must be connected with the device.

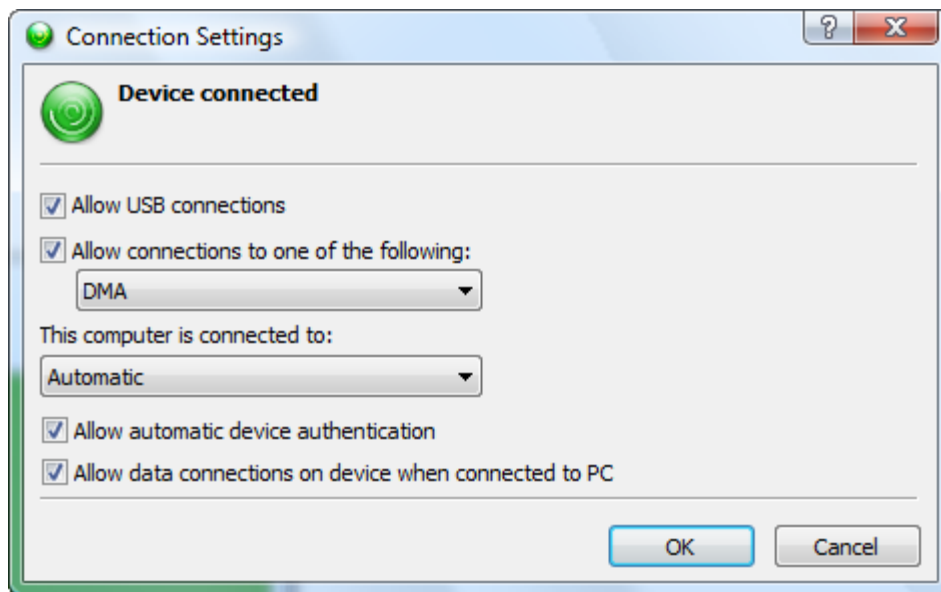
Windows Mobile Device Center with connected device:



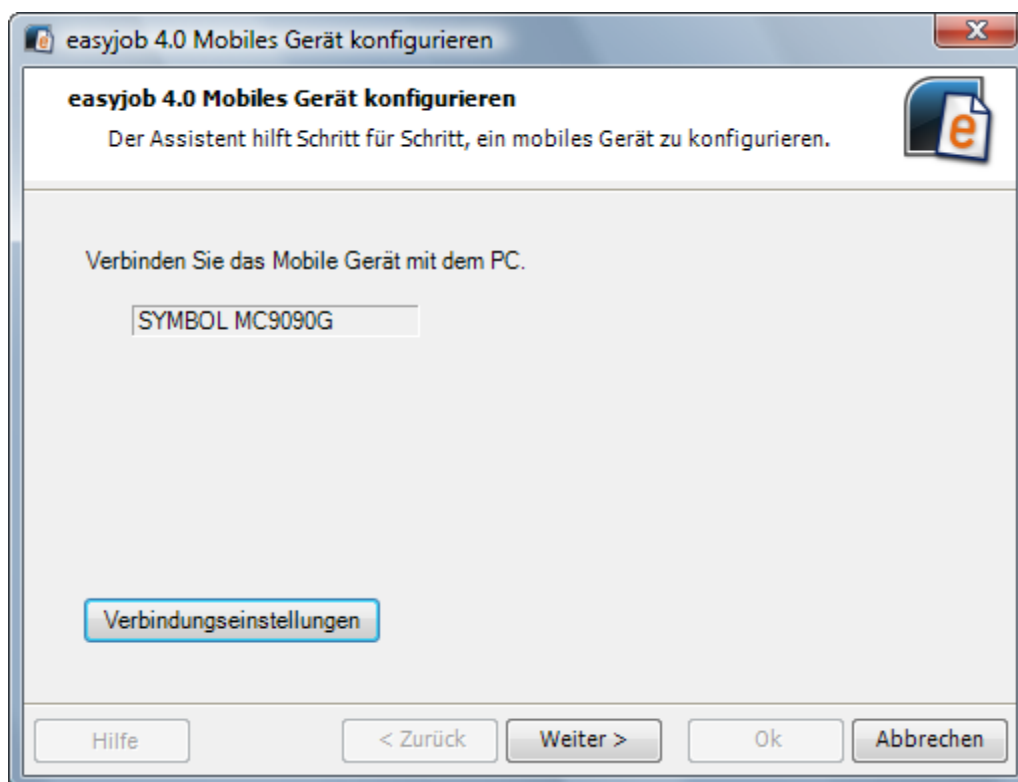
Microsoft ActiveSync with connected device:



If the device is not connected, open the connection settings and activate/deactivate the connection settings.

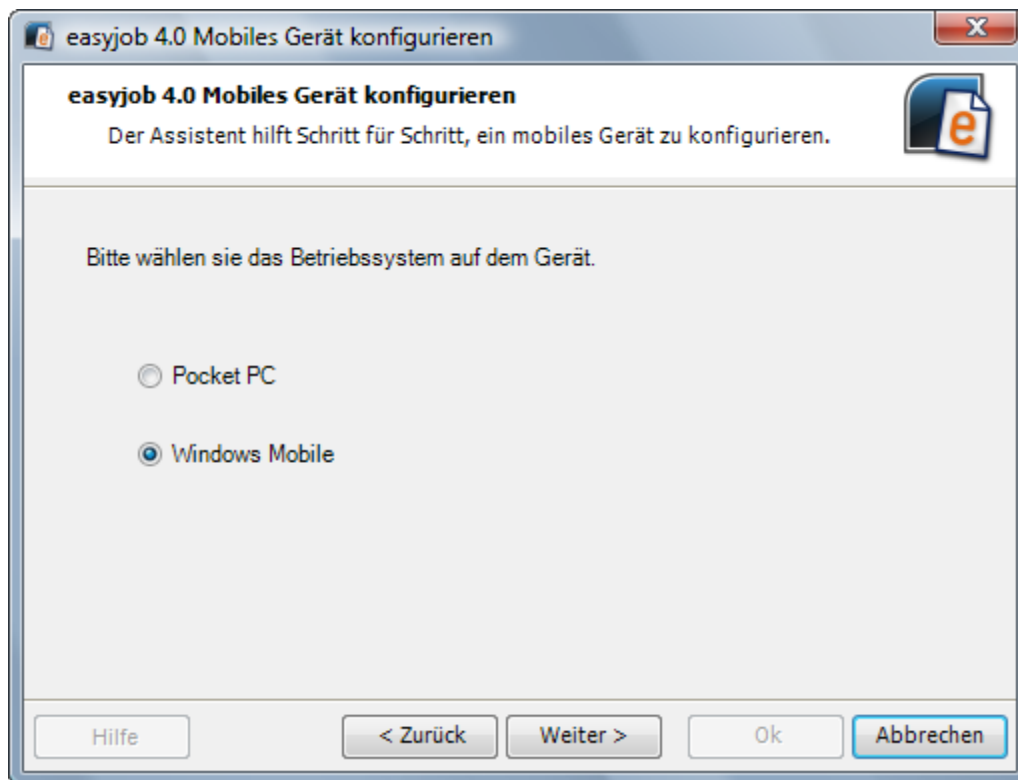


If a connection has not been established, make sure that the device is turned on and connected to the computer.



Selecting the operating system

Select the Windows Operating System installed on the device. Windows Mobile is usually installed on newer devices.



Operating system barcode scanner overview

| | |
|------------------------------|----------------|
| Symbol/Motorola PPT 8846 | Pocket PC |
| Symbol/Motorola MC 50, MC 55 | Windows Mobile |
| MC 9090 | Windows Mobile |

Installing the components

After the operating system is selected, the Setup Wizard will determine and install the components required for installation.

The following components are installed for easyjob 4.0 Mobile:

Microsoft .net Framework

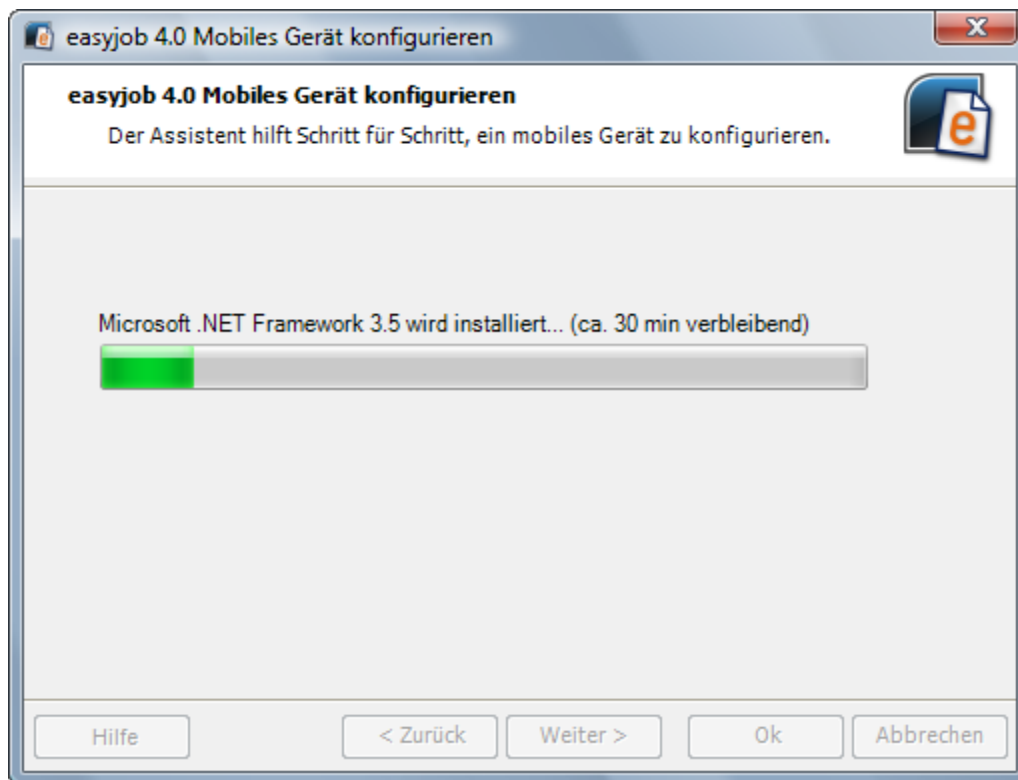
Microsoft SQL Compact 3.5 access components

Microsoft SQL Server Compact 3.5

easyjob 4.0 Mobile Edition

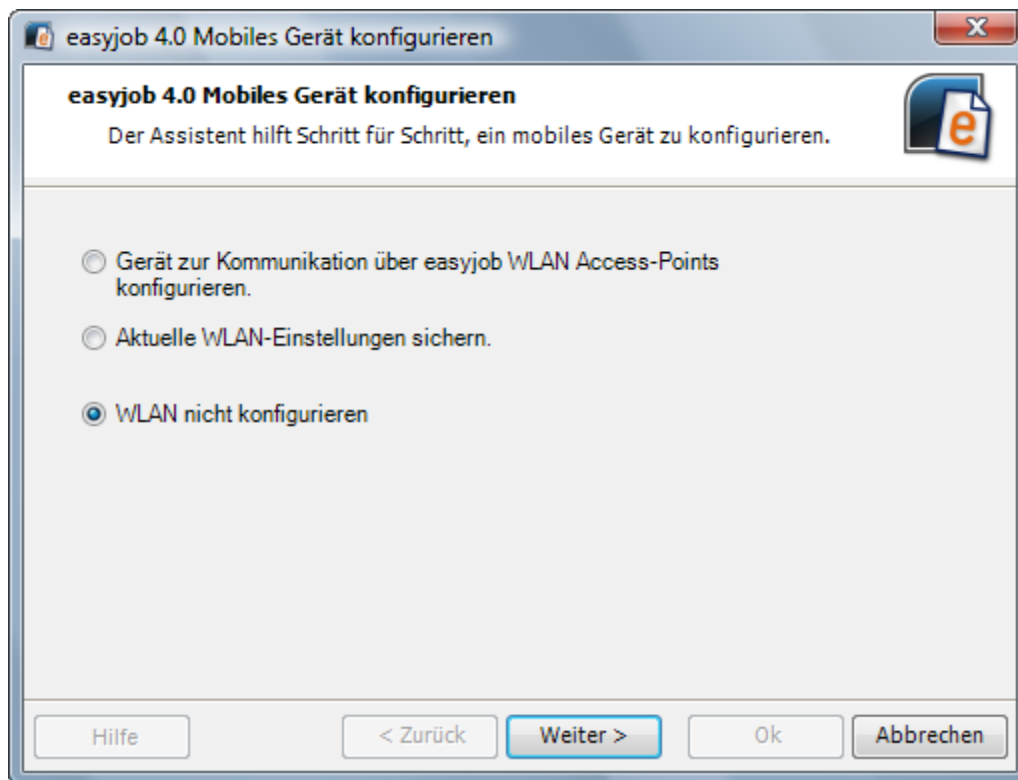
The installation duration depends on the data connection and the performance of the processor.

For newer Windows Mobile Versions, a dialogue must be confirmed during the installation.



In order to restore the device's configuration in the case of main and back-up battery discharging, the Symbol/Motorola devices have a flash memory.

In order to install and configure the required components upon the next restart after a memory loss, the installation wizard copies the data also in the flash memory.

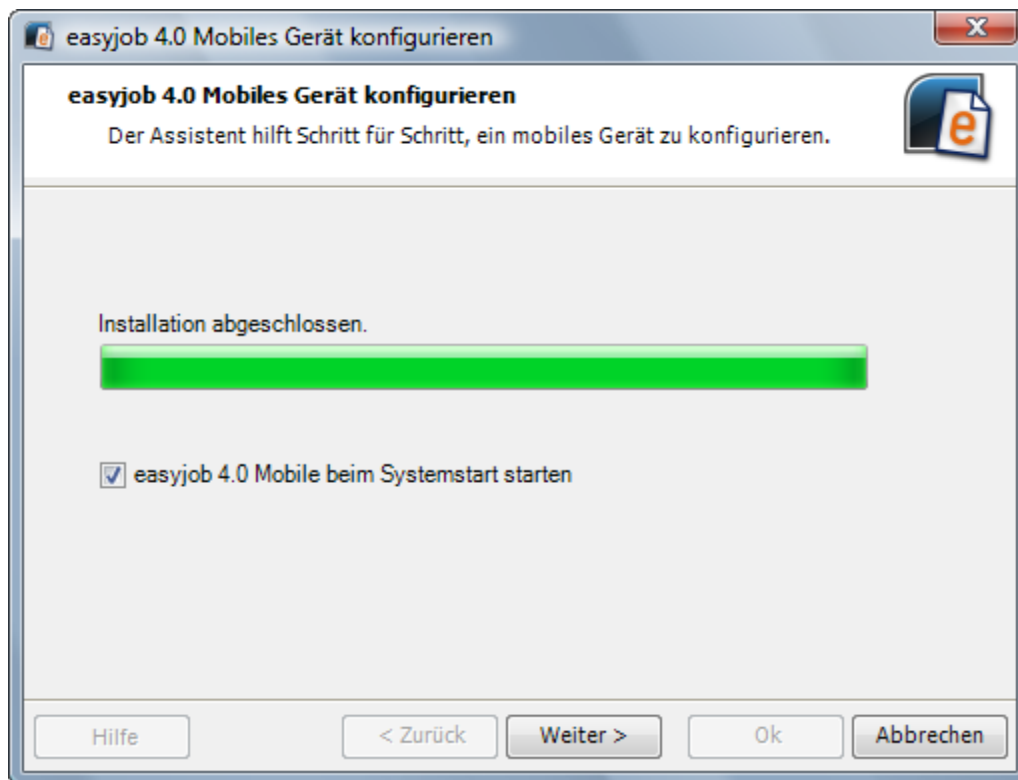


In order for the scanner to restore the necessary WLAN settings, you can have the WLAN settings made out based on the easyjob standard settings or on the settings currently configured in the scanner.

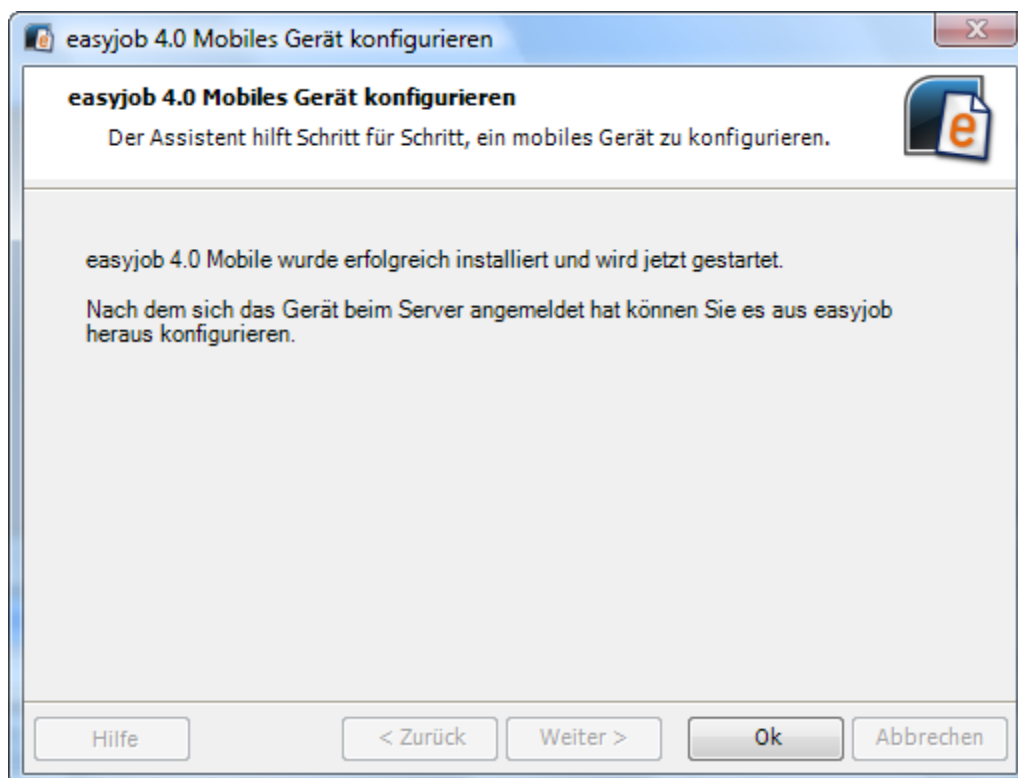
The Access Points delivered with easyjob are delivered with the following standard settings

| | |
|-----------------|-----------------|
| SSID | easyjob |
| Encryption | WPA |
| Password Phrase | ejpocketscanner |

Completing component installation



When the device is started, easyjob 4.0 Mobile can be automatically started. We recommend this setting especially for barcode scanners, as in general the application should be allowed but no access to the operation system.



After successful implementation, easyjob 4.0 Mobile is installed automatically on the device. Please note that depending on the network topology, the device may not be able to create an IP connection via the data connection. In this case, the data connection to the computer should be disconnected and the device's WLAN activated.

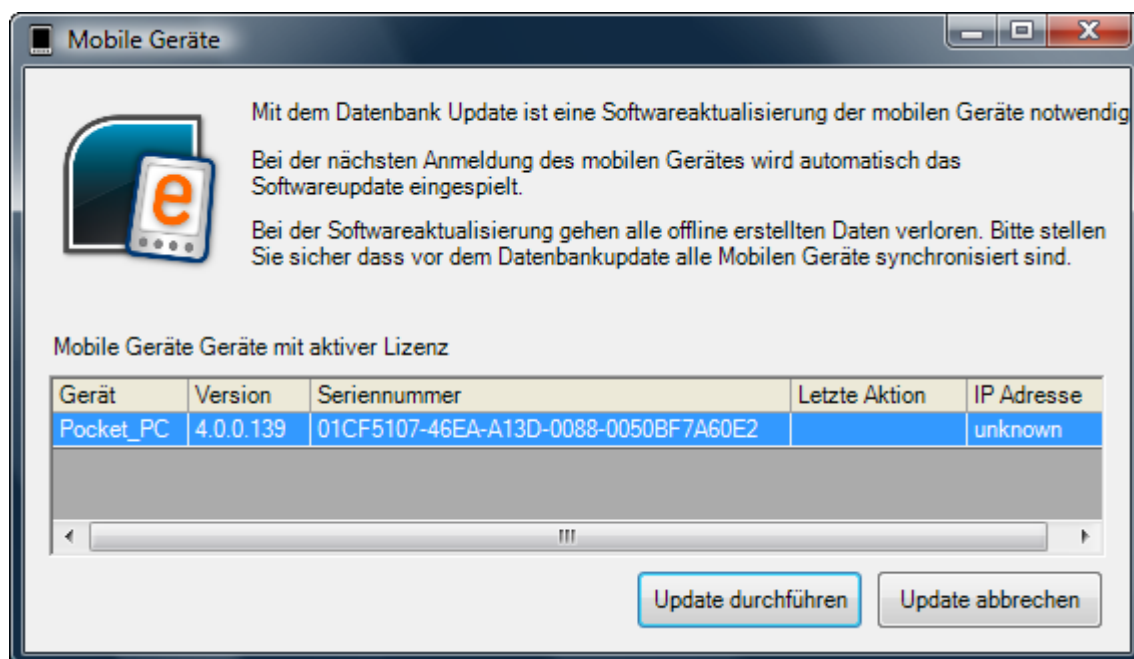
Configuring the mobile device

Software updates

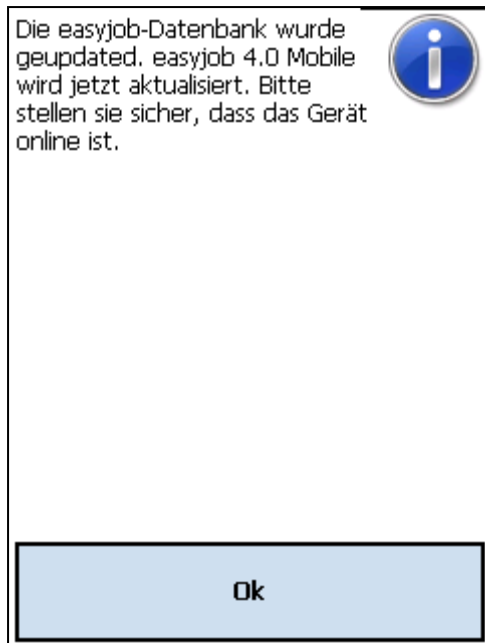
Software updates for the barcode scanners are distributed via easyjob Updates.

Some easyjob updates require the mobile devices to be updated. For this reason, it is necessary to synchronize the data created offline by the mobile device with easyjob prior to the easyjob update.

Prior to the database update, the Server Manager shows all mobile devices with active licenses



If a software update is required for the mobile device, these updates are normally installed automatically the next time easyjob Mobile is started.



After the update process has started, easyjob 4.0 Mobile will finish and the Windows Mobile Setup Program will update the installation. After the installation is complete, easyjob 4.0 Mobile will be automatically restarted.

A new installation via the easyjob program settings may be necessary in certain cases.

Simulation of the functional range

With the Windows Device Emulator, it is possible to evaluate the complete functionality of Windows Mobile.

The emulation consists of three components:

Windows Device Emulator

The Windows Device Emulator simulates the mobile end device hardware on a Desktop PC

Windows Emulator Images

The Windows Emulator Images initializes the operating system for the Device Emulator

Com0Com driver

The Com0Com drivers create communication between the barcode simulator and the Device Emulator. In some cases, the installation may fail due to occupied COM Ports. In this case, you can test the complete scope of function with the exception of the simulated scanning of a barcode.

Manually configuring the server connection

The easyjob Mobile installation wizard makes all necessary connection settings on the device.

In some cases, it may be necessary to make the settings manually on the device.

Manually changing server settings:

1. Go to "easyjob Today"
2. Open the menu "Extras" -> "Options"

Server Mobile Geräte Service

Server

Port

☐ Offline arbeiten

3. Enter the name of your mobile device service

The diagnostic tool helps with connection difficulties to the mobile device service. More information can be found in the last section of the manual.

Device settings

License assignment

The mobile devices are licensed separately.

Assigning a license to a mobile device:

1. Open the mobile device settings in the easyjob program settings
2. Select the desired device
3. Click on settings
4. Select the desired license

The device will be licensed the next time easyjob Mobile is started

Einstellungen für Mobile Geräte

Lizenz / Autorisierung

Lizenz: Scanner

☒ Gerät autorisieren

☒ Benutzerlogin erforderlich

☒ Login bei Reaktivierung

Standardbenutzer: ejScannerService Auswählen

Synchronisation

Tage Vergangenheit: 5

Tage Zukunft: 30

☒ Synchronisation beim Cradlen

☒ Stammdaten

☒ Projektdaten

☒ Adressen

Konfigurations-Passwort

Passwort:

Neues Passwort:

Passwort wiederholen:

☐ Passwortabfrage beim Beenden

Laden / Entladen

☒ Gruppe selektieren

☐ Verfügbarkeitsprüfung deaktivieren

Allgemeine Geräteeinstellungen

Gerätename: Simulation

Lager: Default

Erweiterte Einstellungen

☐ Scannerfunktionen beim Start öffnen

☒ Stiftmodus automatisch deaktivieren

☐ Seriennummerzuweisung aktivieren

☐ Inventurfunktion aktivieren

☐ Für alle Geräte übernehmen

Ok Abbrechen

Authorizing a device

easyjob Mobile has an authorization function to prevent access by unauthorized devices.

Authorizing a mobile device:

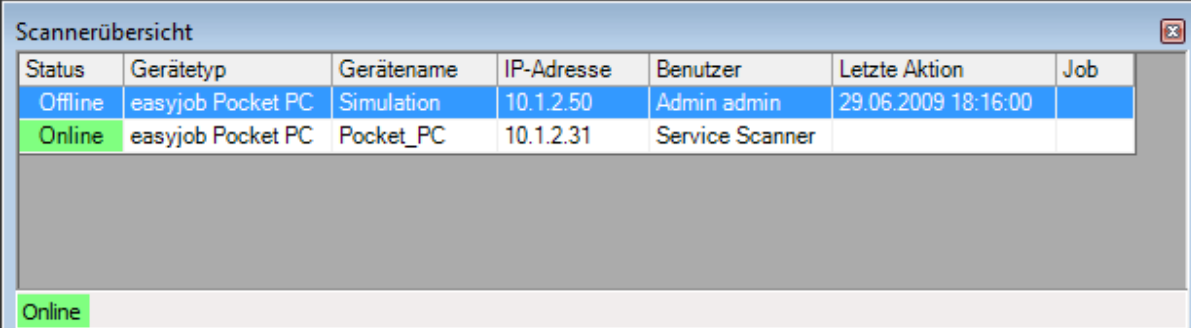
1. Open the mobile device settings in the easyjob program settings
2. Select the desired device
3. Click on settings
4. Select "authorize device".

The device will be authorized the next time easyjob Mobile is started.

The authorization occurs automatically upon simulation with the Microsoft Device Emulator.

Controlling mobile devices with easyjob

The scanner status overview in easyjob provides you with an overview and full control over the individual barcode scanners.

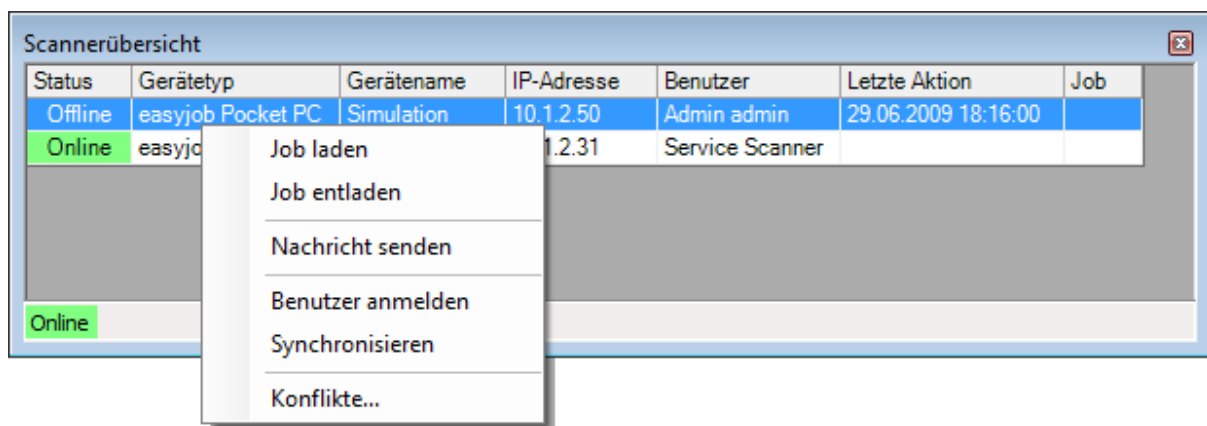


The screenshot shows a window titled 'Scannerübersicht' with a table of scanner status. The table has seven columns: Status, Gerätetyp, Gerätename, IP-Adresse, Benutzer, Letzte Aktion, and Job. There are two rows of data. The first row is 'Offline' with device type 'easyjob Pocket PC', name 'Simulation', IP '10.1.2.50', user 'Admin admin', and last action '29.06.2009 18:16:00'. The second row is 'Online' with device type 'easyjob Pocket PC', name 'Pocket_PC', IP '10.1.2.31', user 'Service Scanner', and last action is empty. Below the table, there is a green bar with the word 'Online'.

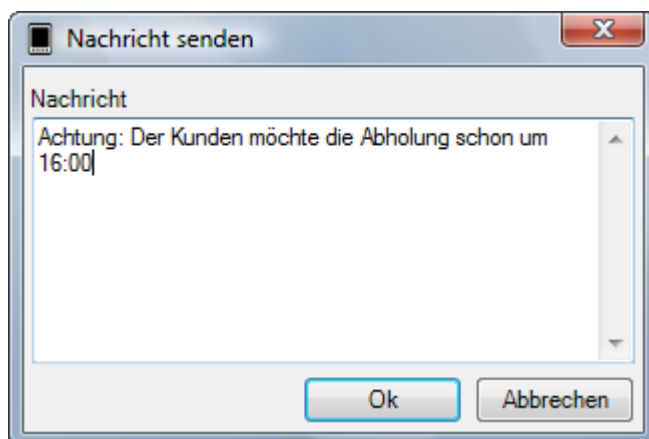
| Status | Gerätetyp | Gerätename | IP-Adresse | Benutzer | Letzte Aktion | Job |
|---------|-------------------|------------|------------|-----------------|---------------------|-----|
| Offline | easyjob Pocket PC | Simulation | 10.1.2.50 | Admin admin | 29.06.2009 18:16:00 | |
| Online | easyjob Pocket PC | Pocket_PC | 10.1.2.31 | Service Scanner | | |

You can provide give the barcode scanner commands to load a job, unload a job, send a message, log-in a user and synchronize.

You can also see any conflicts. A detailed description of conflict management is provided below.



Messages that are sent in easyjob are displayed on the device in barcode mode.



The listed functions are available only when the scanner is operating.

Data Synchronization

Data synchronization is used to transmit the data needed for offline and scanner operation to the local device.

The data is stored on a local Microsoft SQL Server Compact 3.5.

This process may take some time depending on the amount of data.

With large easyjob databases, more than 30 MB of data is transferred to the local device. The speed is limited based on the processors and the memory.

In order to limit the amount of data to transfer, the synchronization area can be reduced prior to the synchronization process.



Synchronisierung mit easyjob-Datenbank

☐ Stammdaten (0)

☒ Projekte (0)

☐ Adressen (0)

Letzte Synchronisation:
Monday 1/1/01 12:00 AM

Scanner Offlinedaten: 0



Synchronisieren

Schließen

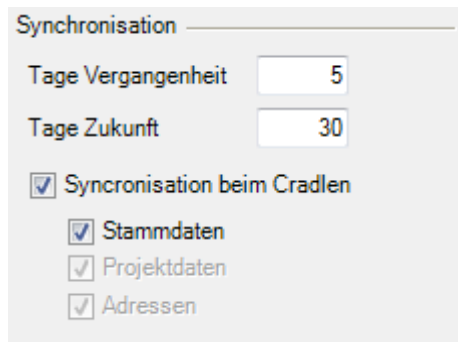
We recommend performing synchronization via a WLAN.

The following data is transmitted to the device:

| | |
|-----------------|--|
| Address/Contact | Company, Last Name, First Name, Street, Postal Code, City, Country, Phone, Fax, E-Mail |
| Project | Name, Number, Period, Status, Customer |
| Resources | Quantity, Type, Resource Type, Status, Period, Job Assignment, Daily Rate, Hourly Rate and Distance Rate |
| Bill of Items | Quantity, Item and Device Assignment |
| Item | Name, Sub Category, Inventory, Rental Price, Transport Container, Expendable Items, Notes and Barcode |
| Device | Item assignment, Barcode, Serial Number, Inventory Number, Next Service |

Only off-line generated data can be edited on the device. Data transmitted from easyjob can only be viewed.

Synchronization settings



Synchronisation

Tage Vergangenheit

Tage Zukunft

☒ Synchronisation beim Cradlen

☒ Stammdaten

☒ Projektdaten

☒ Adressen

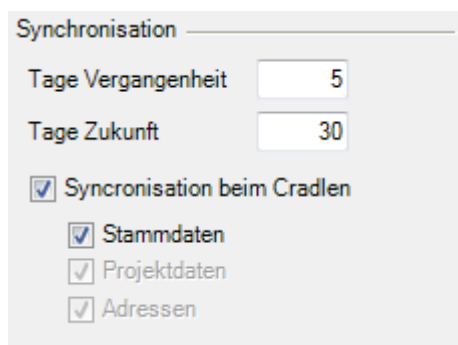
In program settings, you can define which time frame should be synchronized on the device. For optimal performance, we recommend selecting a time frame that is not too large.

Automatic synchronization upon Initial system startup.

A complete synchronization is performed upon the first system start of the device.

Automatic synchronization In the base station.

So that the barcode scanner can run with the current data, we recommended to activate the option "synchronization on cradle" in the program settings.



Synchronisation

Tage Vergangenheit

Tage Zukunft

☒ Synchronisation beim Cradlen

☒ Stammdaten

☒ Projektdaten

☒ Adressen

If the device is powered by an external power connection, the device starts synchronization after 10 seconds. A progress bar displays the remaining time. The synchronization procedure can be canceled at any time.

To limit the data to be transferred, the standard synchronization setting can be predefined.

Synchronisierung mit easyjob-Datenbank



☒ Stammdaten (1)

☒ Projekte (1)

☒ Adressen (0)

Letzte Synchronisation:
Monday 1/1/01 12:00 AM

Scanner Offlinedaten: 0

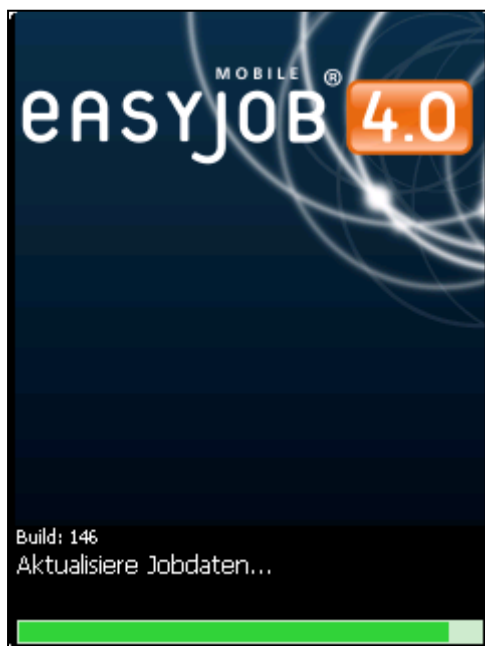
 

Synchronisieren

Schließen

Automatic synchronization when loading and unloading a Job.

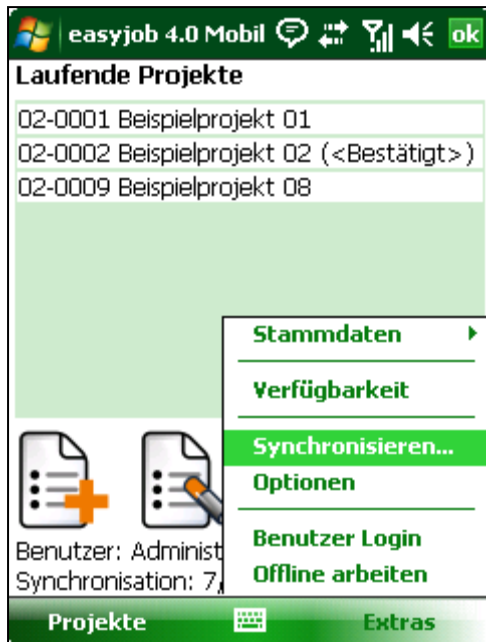
To ensure that the current job and master data information is used when loading and unloading, a synchronization is performed when the loading and unloading process is started.



Manual synchronization

Starting manual synchronization from the phone function:

1. Go to "easyjob Today"
2. Open the Menu "Extras" -> "Synchronization..."



Starting manual synchronization in barcode operation:

1. Go to "Barcode start screen"



2. Click on "Extras"

Opening the offline overview:

1. Go to "Barcode start screen"



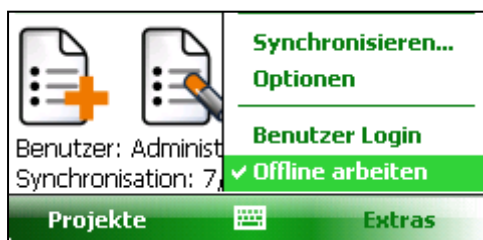
2. Click on synchronization status



Working offline

In order to avoid unnecessary data transfers to the mobile phone, the device can be switched to offline mode. In offline mode, no data is transferred between the device and the Mobile Device Service.

The active offline status is displayed with a check mark.

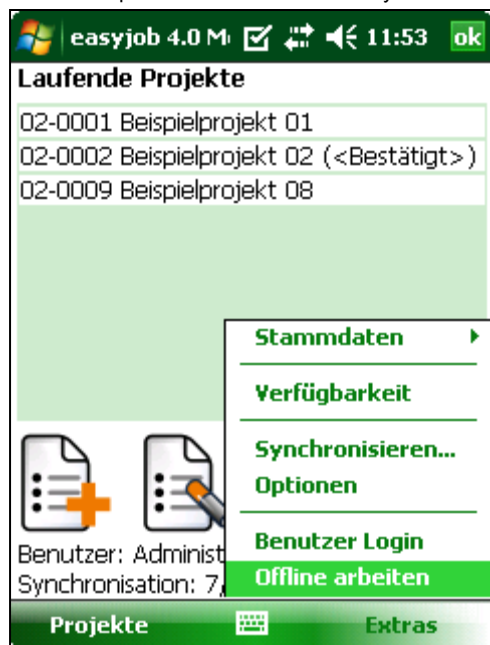


Additionally, the server status is shown as unavailable in barcode mode.



Changing the offline status:

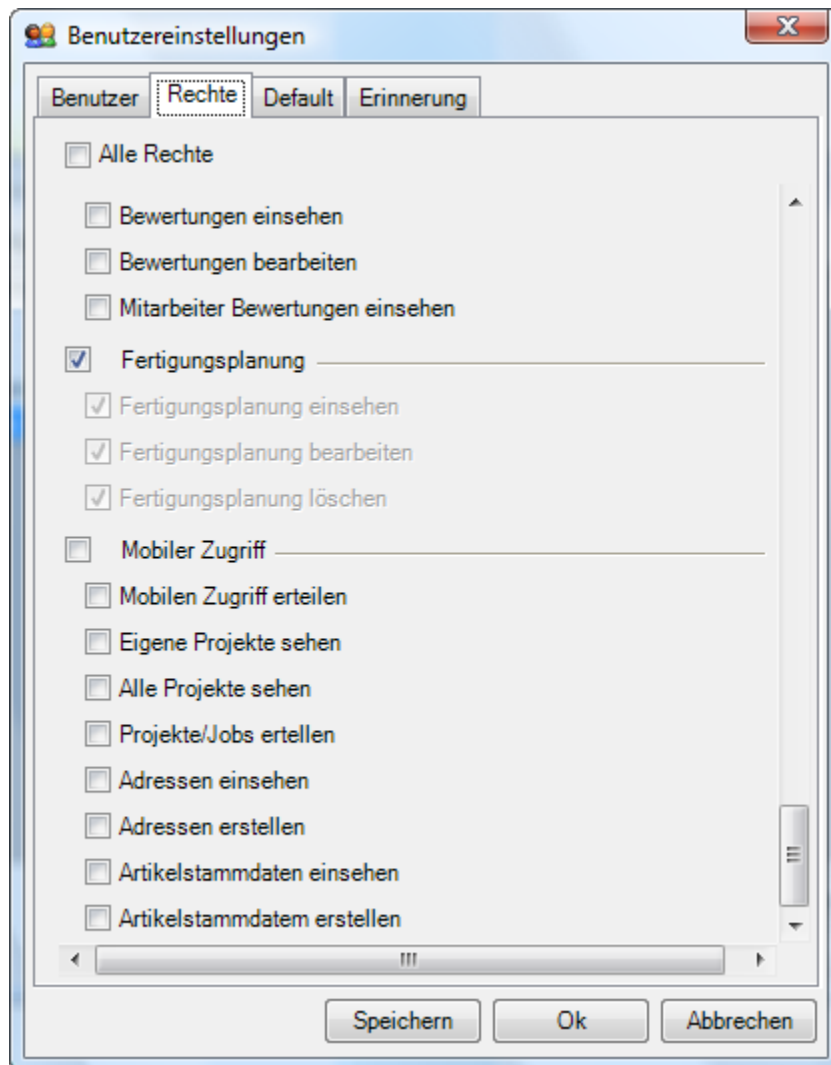
1. Go to "easyjob Today"
2. Open the Menu "Extras" -> "Synchronization..."



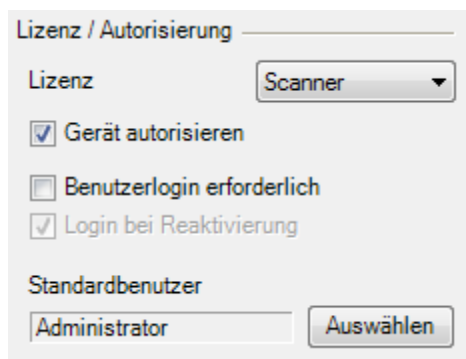
User rights and Login

In order to prevent unauthorized access, the easyjob user right system has been expanded for easyjob Mobile.

The user rights are self explanatory and will not be further explained.



The type of user login is defined in the device settings. There are two login possibilities:



Automatic standard user login

You can define a standard user. When starting easyjob Mobile, the standard user is automatically logged in. A manual login is not required.

Login via a login dialog

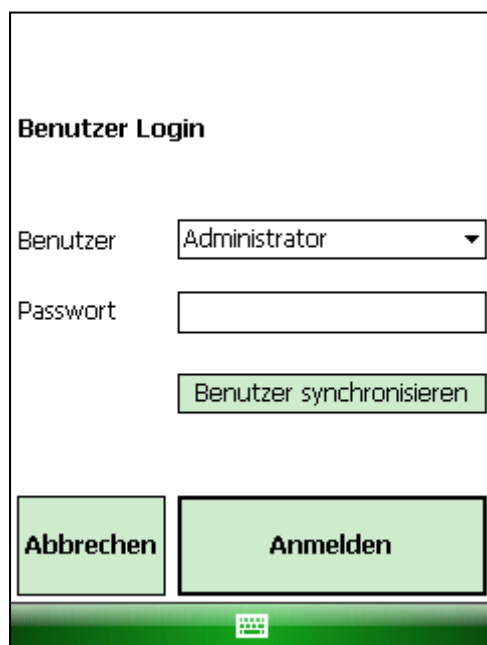
With the setting "User login required", the user name and password are requested when starting easyjob Mobile.

In order to force a new login when waking up from standby mode, the setting "login upon reactivation" can be selected.

User login

The name of the user to login as well as the password are entered in the user login dialog.

If changes have been made to the authorizations or passwords since the last synchronization, the user can perform a synchronization before logging in.



In barcode operation, the user's barcode can also be scanned during the login dialog to login.

Manually logging in a user

A new user can log into easyjob Mobile at any time.

Logging in a user manually in phone mode:

1. Go to "easyjob Today"
2. Open the menu "Extras" -> "User Login"



Logging in a user manually in scanner mode:

1. Go to the "Barcode Start Screen"
2. Click on "Extras"



3. Click on "Login"

| | | |
|---------------------------------|------------------------|----------------|
| Artikel/ Gerät verfolgen | | |
| Seriennummer zuordnen | | |
| Inventurmodus | | |
| Optionen | Synchronisieren | |
| Schließen | Login | Beenden |

Logging in a user with the barcode scanner

In barcode mode, you can log a user into the system with a barcode.

For this, you must assign the user with an address in the easyjob user settings. A barcode can be printed for the assigned address using the address information report.

Configuration password

Access to easyjob Mobile Configuration as well as access to the Windows Mobile System is restricted by a configuration password.

The configuration password is configured in the scanner settings.

Konfigurations-Passwort _____

Passwort

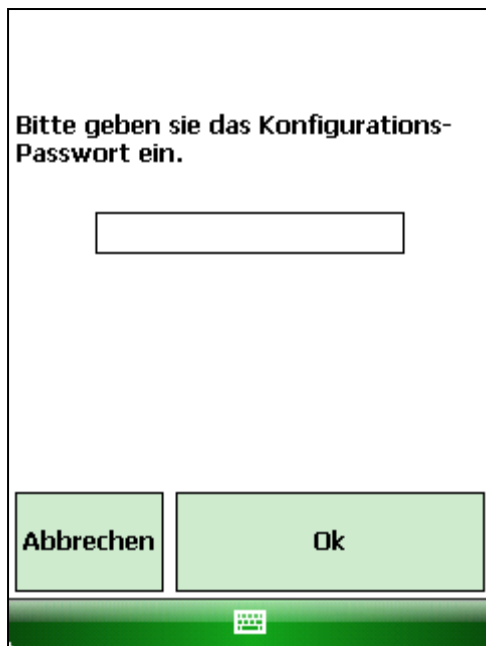
Neues Passwort

Passwort wiederholen

☒ Passwortabfrage beim Beenden

With "Password prompt when exiting", access to the Windows Mobile operating system can be restricted.

The dialog for entering the configuration password is displayed, depending on the settings, when existing the application, when accessing the options or when quitting barcode mode.



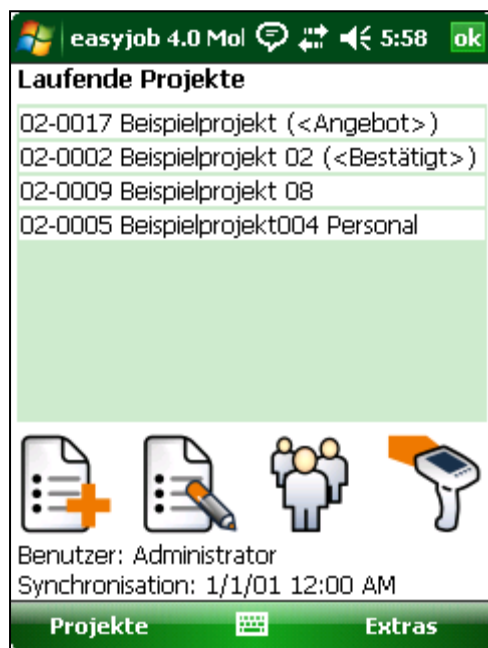
The image shows a screenshot of a software dialog box. At the top, the text "Bitte geben sie das Konfigurations-Passwort ein." is displayed. Below this text is a single-line text input field. At the bottom of the dialog, there are two buttons: "Abbrechen" on the left and "Ok" on the right. The dialog box has a white background and a thin black border. At the very bottom of the screen, there is a green status bar with a small white icon in the center.

Mobile Phone functions

easyjob Today

easyjob Today is the start screen for easyjob 4.0 Mobile.

The current projects in progress are displayed at the top of the form.



The toolbar can be used to quickly access the following functions:



Create a project



Open the project



Open the address book



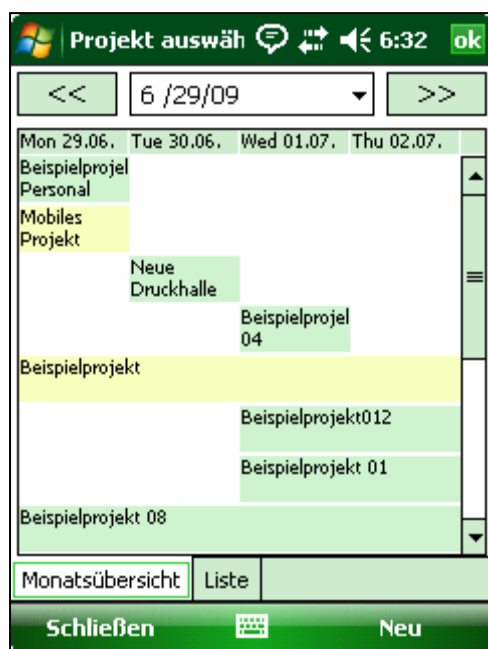
Start the barcode scanner

View Project

Open an existing project:

1. Go to "easyjob Today"
2. Open the menu "Projects" > Edit Project
3. Click on the respective entry to open the project.

By default, the projects are shown color-coded in a calendar form.



The calendar view can also be represented in a list form.

There is a data filter to help find the desired project faster.

Projekt auswäh 6:33 ok

<Alle>

| Status | Bezeichnung |
|----------------|-----------------------------|
| <Service> | Reparatur |
| <Angebot> | Beispielprojekt |
| <Bestätigt> | Beispielprojekt 08 |
| <Bestätigt> | Beispielprojekt004 Personal |
| <Angebot> | Mobiles Projekt |
| <Bestätigt> | Beispielprojekt 02 |
| <Bestätigt> | Neue Druckhalle |
| <Fertigungspl> | Schukokabel |
| <Fertigungspl> | Theke |
| <Bestätigt> | Beispielprojekt 01 |
| <Bestätigt> | Beispielprojekt 04 |

Monatsübersicht Liste

Schließen Neu

The jobs in the project are represented with different tabs.

Projekt bearbei 6:03 ok

Projektname Mobiles Projekt

Anz Entf ...

Kunde Monika Jun Gastronomiebetriebe
Monika Jun
61440 Oberursel

Status <Angebot>

Von 29.06.2009 00:00

Bis 30.06.2009 00:00

Projekt Mobile.01

Speichern Erweitert

Creating a Project

Creating a new project:

1. Go to "easyjob Today"
2. Open the menu "Projects" -> "Create a Project"



Enter the new project information.

The first job is generated automatically when the project is created. The customer is assigned to the project and the delivery address.

The screenshot shows the 'Neues Projekt' (New Project) form in the 'easyjob 4.0 Mol' application. At the top, there's a status bar with the Windows logo, 'Neues Projekt', a chat icon, a refresh icon, a volume icon, the time '6:01', and an 'ok' button. Below this is the form itself. It has several fields: 'Projektname' with the value 'Mobiles Projekt', 'Kunde' with the value 'Monika Jun Gastronomiebetriebe', 'Status' with the value '<Freies Angebot>', 'Von' with the value '29.06.2009 00:00', and 'Bis' with the value '30.06.2009 00:00'. There are also buttons for 'Anz', 'Entf', and '...' next to the 'Kunde' and 'Lieferadresse' fields. At the bottom of the form is a green bar with two buttons: 'Speichern' and 'Abbrechen'.

After saving, the new project is opened.

Projekt bearbeiten 6:03 ok

Projektname: Mobiles Projekt

Kunde: Monika Jun Gastronomiebetriebe
Monika Jun
61440 Oberursel

Status: <Angebot>

Von: 29.06.2009 00:00

Bis: 30.06.2009 00:00

Projekt: Mobile.01

Speichern Erweitert

Adding a new job

Adding a new job within an exiting project:

1. Go to "easyjob Today"
2. Open the Menu "Projects" -> "Edit Project"
3. Click on the respective entry to open the project.
4. Open the Menu "Advanced: -> "Create Job"

Projekt bearbeiten 6:04 ok

Jobname: Mobiles Projekt

Lieferadresse:

Status: <Freies Angebot>

Von: 29.06.2009 00:00

Bis: 30.06.2009 00:00

Job anlegen
Job löschen
Kostenplan

Projekt: Mobile.01

Speichern Erweitert

Project Cost Planner

The cost planner provides a rough overview of the daily rate of the material as well as staff and transportation prices.

Due to device limitations, the Cost Planner has a very basic design.

Opening the Cost Planner:

1. Go to "easyjob Today"
2. Open the Menu "Projects" -> "Edit Project"
3. Click on the respective entry to open the project.
4. Open the Menu "Advanced" -> "Cost Planner"

Projekt bearbeiten

Jobname: Mobiles Projekt

Lieferadresse:

Status: <Freies Angebot>

Von: 29.06.2009 00:00

Bis: 30.06.2009 00:00

Material

Job anlegen

Job löschen

Kostenplan

Speichern

Erweitert

The Cost Planner sums the daily rate of the material as well as the subtotal for staff and transportation.

Kostenplan

Mobile.01 Mobiles Projekt

Material

Summe Vermietpreis: \$0.00

Ressourcen

Personal: \$0.00

Fuhrpark: \$0.00

Schließen

Resources

With the Job Resource Plan, all resources booked in a job are displayed.

In addition, the staff and vehicles associated with the resource type will be displayed.

Open the Job Resource Planner:

1. Go to "easyjob Today"
2. Open the Menu "Projects" -> "Edit Project"
3. Click on the respective entry to open the project.
4. Select the desired job in the project
5. Click on Resources

Projekt bearbeiten 6:03 ok

Jobname Mobiles Projekt

Neu Entf ...

Lieferadresse

Status <Freies Angebot>

Von 29.06.2009 00:00

Bis 30.06.2009 00:00

Material Ressourcen

Projekt Mobile.01

Speichern Erweitert

The upper section will display all resource types, the lower section all of the currently selected staff and vehicles associated with the resource type.

| Anz | Bezeichnung |
|-----|--------------|
| 1 | AV-Techniker |

Neu Bearbeiten Löschen

| Status | Anz | Bezeichnung |
|-----------|-----|--------------|
| Angedacht | 1 | Karl Bechtel |

Zuordnen Löschen

Schließen

Editing the resource type

Editing the resource type:

1. Select the desired resource type
2. Click on "Edit"

Art Personal

Ressourcentyp AV-Techniker

Anzahl 1

Von 29.06.2009 00:00

Bis 30.06.2009 00:00

Tarif Standard

Allgemein Preisdetails

Speichern

In price details, the corresponding price is shown based on the day, hour and kilometer rate and quantity.

Assigning an address and changing resource status

Assigning an address

Assigning staff or a vehicle:

1. Select the desired resource type

2. Click on "Assign"
3. Select the desired staff from the address book

Assigning an address

Changing the resource status

1. Select the desired staff/vehicle

| Anz | Bezeichnung |
|-----|--------------|
| 1 | AV-Techniker |

Neu Bearbeiten Löschen

| Status | Anz | Bezeichnung |
|-----------|-----|--------------|
| Angedacht | 1 | Karl Bechtel |

Zuordnen Löschen

Schließen

2. Click on the status cell
3. Select the new status

| Anz | Bezeichnung |
|-----|--------------|
| 1 | AV-Techniker |

Neu Bearbeiten Löschen

| Status | Anz | Bezeichnung |
|-------------|-----|--------------|
| ✓ Angedacht | 1 | Karl Bechtel |
| Anfrage | | |
| Bestätigt | | |
| Abgesagt | | |

Zuordnen Löschen

Schließen

Bill of Items

Open the job's Bill of Items

1. Go to "easyjob Today"
2. Open the Menu "Projects" -> "Edit Project"
3. Click on the respective entry to open the project.
4. Select the desired job in the project

Projekt bearbeiten 6:03 ok

Jobname Mobiles Projekt

Neu Entf ...

Lieferadresse

Status <Freies Angebot>

Von 29.06.2009 00:00

Bis 30.06.2009 00:00

Material Ressourcen

Projekt Mobile.01

Speichern Erweitert

5. Click on Material

All of the items scheduled in the job are listed in the Bill of Items. Parts lists and linked references are not shown.

The overview groups all items from the various material groups.

| Anz | Bezeichnung | Warengruppe |
|-----|----------------|-------------|
| - | Artikel | |
| 1 | Amp-Rack d&b (| Endstufen |
| 1 | Amp-Rack Slave | Endstufen |
| 1 | BNC Videokabel | AV-Zubehör |

A tab is displayed for each item group.

To obtain more space for the Item Name, you can hide the Category column.

| Anz | Bezeichnung |
|-----|-----------------|
| 1 | Amp-Rack d&b (|
| 1 | Amp-Rack Slave |
| 1 | BNC Videokabel |
| 1 | Schukokabel, 15 |

Adding an Item

Booking an item in a job

1. Select the desired item group tab

| Anz | Bezeichnung | Warengruppe |
|-----|----------------|-------------|
| 1 | Amp-Rack d&b (| Endstufen |
| 1 | Amp-Rack Slave | Endstufen |
| 1 | BNC Videokabel | AV-Zubehör |

2. Enter the desired quantity in the text field
3. Click on Add
4. Select the desired item

| Bezeichnung |
|-----------------------|
| Schäkel 3.25to |
| Schukokabel, 10 Meter |
| Schukokabel, 15 Meter |
| Schukokabel, 2 Meter |
| Schukokabel, 20 Meter |
| Schukokabel, 5 Meter |

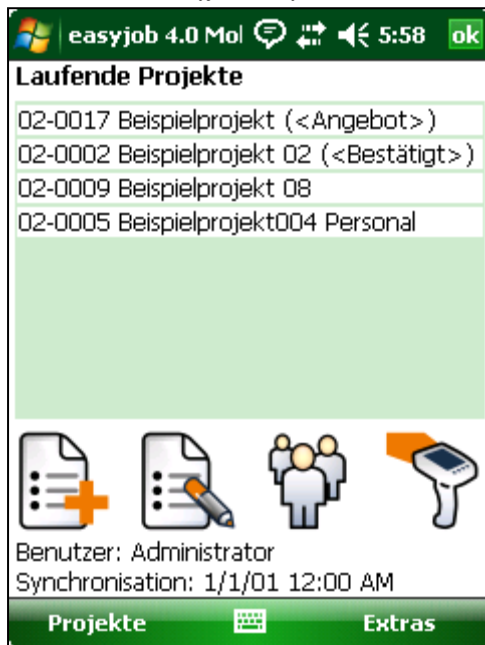
5. Confirm the dialog with "OK"

Address Book

The address book displays all easyjob addresses and contacts. easyjob contacts are displayed in the address book as addresses.

Open the address book

1. Go to "easyjob Today"



2. Click on the address book icon

The address book search function was optimized for touch-screen use.

Move your finger to the right side in order to move the first letter to the filter.



By moving your finger upward or downward you can scroll the search results.



Simply click on the entry to open the selected address.

The various options are shown under the address.

Depending on the hardware, telephone conversations, SMS messages or emails can be initiated by clicking on the entry.



In addition, with "Create Project" a project is created with the selected address as the customer.

Display projects for the address

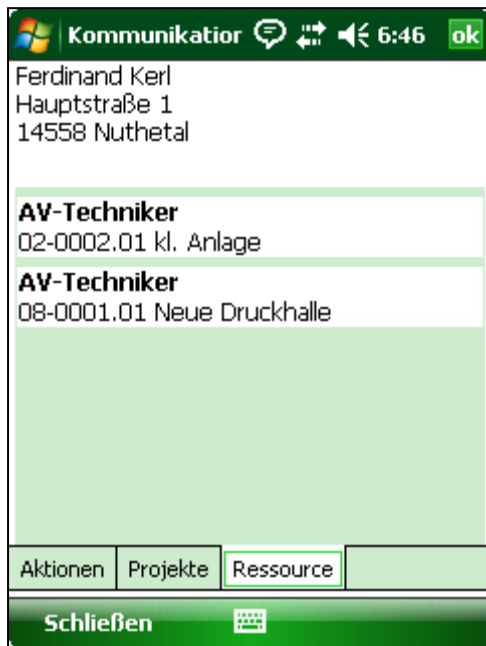
In the project tabs, the projects of the customer and the related address are listed.



Click on the corresponding project to open it.

Display resource bookings for the address

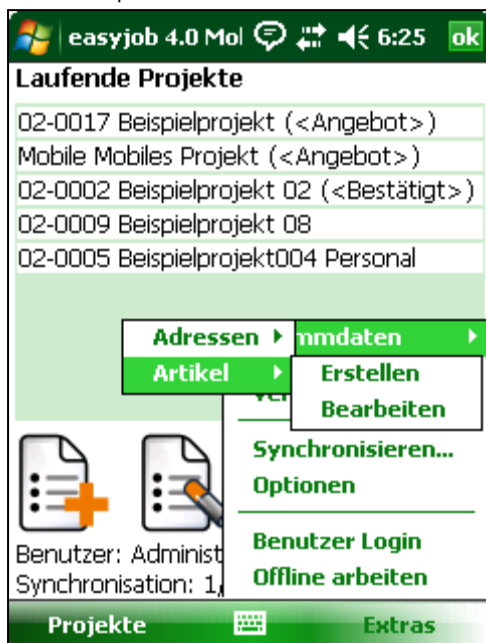
The resource tab displays the projects in which the staff address is booked.



Item Master Data

Opening the item master data

1. Go to "easyjob Today"
2. Open the Menu "Extras" -> "Master Data" -> "Item" -> "Edit"



5. Use the data filter to select the desired item

The item's master data form contains the most important item information.

Artikel erstellen 6:27 ok

Bezeichnung PAR 64 Single Lamp

Kategorie Beleuchtung \ Scheinw

Inventar 0

Vermietpreis \$0.00

☐ Packeinheit

☐ Verbrauchsartikel

Kommentar

Allgemein Geräte

Speichern Extras

Managing devices

Device information is managed for the item.

The screenshot shows a software interface for creating an item. At the top, a green header bar contains the text 'Artikel erstellen' and a status bar with a clock showing 6:28. Below the header, there is a section for 'Aktive Geräte' with a small table. The table has two columns: 'Inventarnum' and 'Seriennummer'. The first row shows '0815 1111' in the 'Inventarnum' column and is empty in the 'Seriennummer' column. Below the table, there are three buttons: 'Neu', 'Bearbeiten', and 'Löschen'. At the bottom, there is a green bar with the text 'Speichern' and 'Extras'.

| Inventarnum | Seriennummer |
|-------------|--------------|
| 0815 1111 | |

Creating a new device:

1. Click on "New" on the item device list

The screenshot shows a software interface for creating a new device. At the top, a green header bar contains the text 'Gerät erstellen' and a status bar with a clock showing 6:28. Below the header, the title 'PAR 64 Single Lamp' is displayed. There are two input fields: 'Inventar-Nr' with the value '0815 1111' and 'Seriennummer' which is empty. At the bottom, there is a green bar with the text 'Speichern' and 'Extras'.

Tracking devices

A device can be tracked based on the current synchronized jobs.

Tracking a device:

1. Open the item's device list
2. Click on the Menu "Extras" -> "Track"

Artikel erstellen

Aktive Geräte: 1

| Inventarnum | Seriennummer |
|-------------|--------------|
| 0815 1111 | |

Buttons: Neu, Bearbeiten, Verfolgen, Allgemein, Geräte, Barcode drucken, Speichern, Extras

The following dialogue lists the use of the items/devices in the jobs available offline.

Geräteinformation

Artikel: Amp-Rack db (C7Top/C4Sub/B2)


Verfolgen

| Anz | Bezeichnung | CheckIn |
|-----|-------------|----------|
| 1 | Abend Gala | 08.07.09 |

Buttons: Schließen, Service, >>

You can also book a device in the workshop from the dialog.

Wollen Sie einen Werkstattvorgang für das Gerät "001' (@si3467)' erstellen?



Ja

Nein

If the device is currently loaded in a job, you can unload the device from a job via "Check-In".

Geräteinformation

Artikel: Schukokabel, 10 Meter



Verfolgen

| Anz | Bezeichnung | CheckIn | |
|-----|------------------------|----------|---|
| 30 | Architekturbeleuchtung | 22.07.09 | ⌵ |
| 10 | Samstagskonzert | 21.07.09 | ≡ |
| 50 | Präsentation xy | 14.07.09 | |
| 20 | Abend Gala | 08.07.09 | |
| 5 | Tagung | 08.07.09 | ⌴ |

Hoch

Runter

Check In

Schließen

Service

<<

Printing a barcode

To print a missing or defective barcode, you can start barcode printing from the item and device master data.

The barcode report defined in the program settings is used for printing.

Print item/device barcode

1. Open the item's device list
2. Click on the Menu "Extras" -> "Print Barcode"



This function is only available in on-line mode.

Checking Item availability

The item availability check identifies the availability of a selected item in a chosen time period. The jobs available offline are used as the basis of computation.

Verfügbarkeit 6:18 ok

Schukokabel, 15 Meter ...

Von 6 / 29 / 09

Bis 7 / 4 / 09

Berechnen

| Datum | Verf. | Best. | Ang. | Anm. |
|---------|-------|-------|------|------|
| 6/29/09 | 29 | 0 | 0 | 0 |
| 6/30/09 | 29 | 0 | 0 | 0 |
| 7/1/09 | 19 | 10 | 0 | 0 |
| 7/2/09 | 19 | 10 | 0 | 0 |
| 7/3/09 | 19 | 10 | 0 | 0 |
| 7/4/09 | 19 | 10 | 0 | 0 |

Schließen

To start the item availability check, proceed as follows:

1. Go to "easyjob Today"
2. Open the Menu "Extras" -> "Availability"

easyjob 4.0 M 11:53 ok

Laufende Projekte

02-0001 Beispielprojekt 01

02-0002 Beispielprojekt 02 (<Bestätigt>)

02-0009 Beispielprojekt 08

Benutzer: Administ
Synchronisation: 7

Stammdaten

Verfügbarkeit

Synchronisieren...

Optionen

Benutzer Login

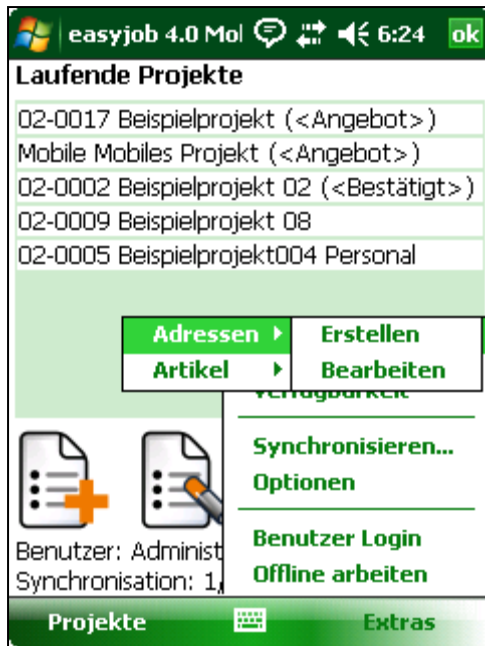
Offline arbeiten

Projekte Extras

Address Master Data

Opening the address master data

1. Go to "easyjob Today"
2. Open the Menu "Extras" -> "Master Data" -> "Addresses" -> "Edit"



3. Use the data filter to select the desired item

The item's master data form contains important address information such as Company, Name, Phone, E-Mail and Address.

The image displays two side-by-side screenshots of the 'Adresse bearbeiten' (Edit Address) form. Both windows have a title bar with the text 'Adresse bearbe...', icons for help, window management, and volume, the time '6:25' and '6:26' respectively, and an 'ok' button. The left window shows the 'Allgemein' (General) tab with fields for 'Firma' (Company), 'Nachname' (Surname), 'Vorname' (First Name), 'Telefon' (Phone), 'Telefon Firma' (Company Phone), 'Telefon Mobil' (Mobile Phone), 'Telefon Privat' (Private Phone), 'Fax', and 'E-Mail'. The right window shows the 'Adresse' (Address) tab with fields for 'Straße' (Street), 'Postleitzahl' (Postal Code), 'Ort' (Location), and 'Land' (Country). Both windows have a status bar at the bottom with 'Schließen' (Close), 'Extras', and 'Extras' buttons.

Opening actions from the address master data

To make address changes, you must open the action dialog.

Opening the action dialog:

1. Open an addresses' master data dialogue

2. Open the Menu "Extras" -> "Actions"

Adresse bearbeiten

Firma

Nachname Kurzhaus

Vorname Andrew

Telefon +49123456789

Telefon Firma +49123456789

Telefon Mobil +49123456789

Telefon Privat +49123456789

Fax +49123456789

E-Mail Andrew.Kurzhaus@abc.co

Allgemein Adresse Ressourcenplan

Schließen Extras

Scanner mode

Improvements to warehouse conditions

In order to make the use of easyjob 4.0 Mobile ergonomic also in the warehouse, the pen mode can be deactivated during barcode scanner operation. When the pen mode is not active, the detailed pen operation options are deactivated. For quick operation (e.g. also when wearing gloves) there is a large selection area available on the touch screen.

Pen mode

In the easyjob device settings, the pen mode is automatically deactivated after 60 seconds.

The status of the current mode is shown on the status/toolbar with an icon.



Pen mode inactive



Pen mode active

Inactive pen mode characteristics







When the pen mode is inactive, the lists are divided into three areas.

By simply touching the lists, the view in the loading and unloading mode switches automatically between the items loaded and to be loaded or items unloaded and to be unloaded.

By pushing down for a few seconds in the upper and lower sections, the lists will automatically scroll in the direction of the displayed arrow.

02-0002.01 kl. Anlage

1



| Anz | Gel. | Artikelbezeichnung |
|-----|------|--------------------------------|
| - | - | Artikel |
| 1 | 0 | MA Light Commander 12/2 |
| 2 | 0 | PAR 6x12V 60W lamp bar |
| 1 | 0 | Dimmer 24 kW (12 x 2,3 kW) |
| 2 | 0 | Harting 120V 25 Meter |
| 1 | 0 | FOH-Timmel 50m 2xXLR-3 |
| 1 | 0 | Clay Paky Shadow long 1200 HMI |
| 2 | 0 | TV-Zaun 120V Schelle, d=50mm |
| 2 | 0 | Manfredi Wind Up (black) |
| 1 | 0 | CEE 32A 10m |

+1

+10

Manuell

By pushing down for a few seconds in the middle section, the pen mode will be activated.



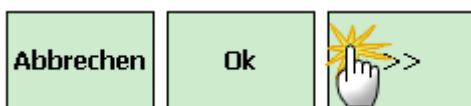
Active pen mode characteristics

With an activated pen mode, the position that is tapped can be edited. When loading a job, e.g., the currently selected item is loaded.

Touch-control with lists

The list views in barcode mode are optimal for touch control.

In order to select an item from a list, click on the button to open cursor control.



When cursor control is active, move the list cursor using the "up" and "down" buttons.

Job auswählen

Überfällig Check Out ▼

| Nr | Bezeichnung |
|------------|---------------------|
| 02-0001.02 | Tagung |
| 08-0001.01 | Neue Druckhalle |
| 02-0004.01 | Präsentation Saal 1 |
| 02-0002.02 | Außenprojektion |
| 02-0001.02 | Tagung |
| 02-0001.01 | Abend Gala |

Hoch

Runter


Abbrechen

Ok

<<

Server connection status

The current connection status is displayed in the barcode module.

The reception strength of the connection is displayed by the different number of bars in the antenna. If the Mobile Device Service is unavailable, a  warning message will also be displayed.



WLAN signal strength, active connection to the Mobile Device Service



WLAN signal strength, no connection to the Mobile Device Service

You can find more information in the diagnostics chapter for the cases in which the Mobile Device Service is unavailable.

Barcode scanner functions

All barcodes supported by the barcode scanner hardware can be used. Depending on the hardware, 2 d barcodes can be read instead of 1 d barcodes.

Barcode processing

The barcodes will analyzed in the following manner and order. If one of the objects is found the editing starts.

| Order | Object | Syntax | Content ##### |
|-------|--------------|----------|-----------------------|
| 1 | Job | @jb##### | Dataset ID |
| 2 | Project | @pj##### | Dataset ID |
| 3 | Address/User | @ad##### | Dataset ID |
| 4 | Item | ##### | ItemBarcodefieldfield |
| 5 | Device | ##### | Device barcode field |
| 6 | Device | ##### | Device serial number |

If a device barcode cannot be read, the serial number barcode of the manufacturer can also be scanned.

Acoustic message when scanning

In order to make the scanning process in the warehouse as effective as possible, an acoustic and mechanical confirmation is provided after the scanning process.

| | |
|-----------------------|--|
| Positive confirmation | <p>In the case of a positive confirmation, the scanner software emits a 5,000 Hz tone for 0.2 seconds.</p> <p>After a positive confirmation is received, the next scanning process can start.</p> |
| Warning | <p>In the case of a warning or an error, the scanner software emits a 500 Hz confirmation tone for 0.5 seconds. In addition, for devices with vibration support, the tone will be followed by a brief vibration.</p> <p>In the case of a warning, a notification will appear on the display.</p> |

Scanner Start Screen

The Scanner Start Screen is the entry screen to easyjob 4.0 Mobile barcode scanner functionality.

The jobs to be loaded and unloaded are shown in the upper section.

The action buttons can be used to access the various barcode functions.



The status display provides information about the last synchronization and the logged in user.

The following icons provide additional status information



Pen mode



Server connection



Battery status

Loading/Unloading Jobs

Loading Jobs

There are various actions that can start the loading process.

Start loading a job in scanner mode:

1. Click on Load Job
2. Select the desired job and confirm with "OK"

Job auswählen

Check Out ab heute ▼

| Nr | Bezeichnung |
|------------|---------------------|
| 02-0005.01 | beispieljob004 |
| 08-0001.01 | Neue Druckhalle |
| 02-0004.01 | Präsentation Saal 1 |
| 02-0015.01 | 6er Bars |
| 02-0001.02 | Tagung |
| 02-0001.01 | Abend Gala |
| 02-0006.01 | Beamer |
| 02-0008.01 | Disco Ton |
| 02-0008.02 | Disco Licht |

Abbrechen Ok >>

Start loading a job with the scanner:

1. Scan the job barcode from the delivery note or the packing list

Start loading a job via easyjob:

1. Open the scanner status window
2. Select "Load Job" in the context menu

Scannerübersicht

| Status | Gerätetyp | Gerätename | IP-Adresse | Benutzer | Letzte Aktion | Job |
|---------|-------------------|------------|------------|-----------------|---------------------|-----|
| Offline | easyjob Pocket PC | Simulation | 10.1.2.50 | Admin admin | 29.06.2009 18:16:00 | |
| Online | easyjob | | 1.2.31 | Service Scanner | | |







Online

- Job laden
- Job entladen
- Nachricht senden
- Benutzer anmelden
- Synchronisieren
- Konflikte...

Using the loading and unloading function

The job loading and unloading mask is designed so that as many functions as possible can be positioned on a small display.

02-0002.01 kl. Anlage

1      

| Anz | Gel. | Artikelbezeichnung |
|-----|------|--------------------------------|
| C | - | CASE: 1405 |
| - | 1 | PAR 64 CP60 6 lamp bar |
| - | 1 | Clay Paky Shadow long 1200 HMI |
| - | 1 | TV-Zapfen + Schelle, d=50mm |
| - | 1 | Manfrotto Wind Up (black) |
| - | 1 | CEE 32 A, 10m |
| C | - | CASE: 22223 - 10002 |
| - | 1 | FOH-Trommel 50m 2xXLR-3 |
| - | 1 | Manfrotto Wind Up (black) |

+1

+10

Manuell

Clicking on the status bar opens the QuickJump form

Manuell laden

Stornieren

Artikel-Info

Service

Einstellungen

Konflikte

Ladevorgang abbrechen

Zurück

Abschließen

Various icons show the different statuses on the job loading and unloading mask.



Current list view



Device display in the item list



Transport container mode



Pen mode



Server connection



Battery status

List Views

The list views in the loading and unloading mode can be toggled as needed. easyjob Mobile automatically switches to the respective list view.

| Toolbar | Selection | Description |
|---------|----------------|--|
| | All | All items from the bill of items are displayed |
| | To be loaded | All items to be loaded are displayed |
| | Loaded | All loaded items are displayed |
| | Loaded | All loaded items and devices are displayed |
| | To be unloaded | All items to be unloaded are displayed |
| | Unloaded | All unloaded items are displayed |
| | To be unloaded | All items and devices to be unloaded are displayed |
| | Unloaded | All unloaded items and devices are displayed |



Transport container content

The content of a transport container is shown



Transport container content

The content of a transport container with loaded devices is displayed



Transport containers

An overview of the loaded transport containers is displayed



Transport containers

An overview of the loaded transport containers with devices is displayed

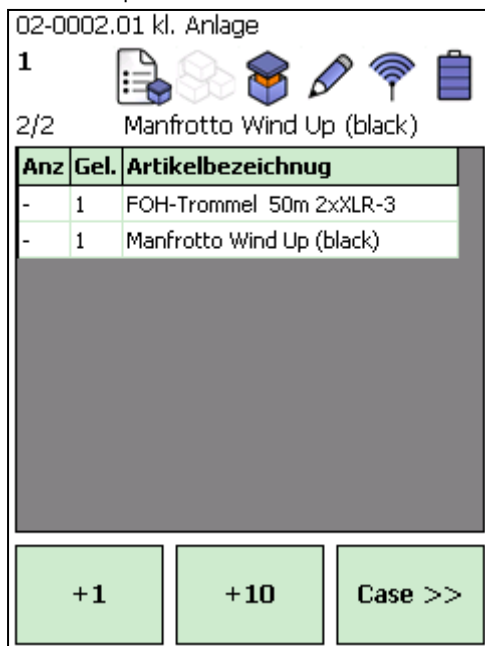
toggling manually between list views

Toggling to the inactive pen mode:

1. Briefly tap your finger on the list

Toggling manually to the list view:

1. Tap on the toolbar



2. Tap on "Settings"

| | |
|------------------------------|--------------------|
| Manuell laden | Stornieren |
| Artikel-Info | Service |
| Einstellungen | Konflikte |
| Ladevorgang abbrechen | |
| Zurück | Abschließen |

3. Select the desired view and confirm with "OK"

Zu Laden
▼

☐
Geräte anzeigen

☒
Gruppen selektieren

☐
Flightcases nicht bestücken

☒
Verfügbarkeitsüberprüfung

Abbrechen

Ok


Loading and unloading transport containers

For the loading process, items in packages (e.g. flight cases) can be packed together.

To ensure clear assignment of the transport container, a device must be created for each transport container. In addition, the item must be defined as a transport container in the master data.

Items and devices can be assigned to a transport container.

After the transport container is scanned, a query is made to open the transport container

Flightcase '22223' - '10002'
(@si3592) bestücken?


Ja

Nein

The status bar icon shows if there is currently an active transport container for loading.









Inactive transport container mode



Active transport container mode

When the transport container mode is active, the bill of items switches to the transport container content view and shows all of the items assigned to the active transport container.

02-0002.01 kl. Anlage
1







2/2
Manfrotto Wind Up (black)

| Anz | Gel. | Artikelbezeichnung |
|-----|------|---------------------------|
| - | 1 | FOH-Trommel 50m 2xXLR-3 |
| - | 1 | Manfrotto Wind Up (black) |


+1
+10
Case >>

The Quickjump form is used to display the contents of the transport container, print the contents of the transport container and manually close the transport container.

| | |
|----------------------------------|-----------------------------|
| Manuell laden | Stornieren |
| Artikel-Info | Service |
| Flightcaseinhalt anzeigen | |
| Flightcaseinhalt drucken | |
| Zurück | Flightcase schließen |

A new scan of the transport container or a scan of a new transport container will conclude the active transport container mode.

The transport container list shows the content of every transport container assigned to a job.

02-0002.01 kl. Anlage
1


| Anz | Gel. | Artikelbezeichnung |
|-----|------|--------------------------------|
| C | - | CASE: 1405 |
| - | 1 | PAR 64 CP60 6 lamp bar |
| - | 1 | Clay Paky Shadow long 1200 HMI |
| - | 1 | TV-Zapfen + Schelle, d=50mm |
| - | 1 | Manfrotto Wind Up (black) |
| - | 1 | CEE 32 A, 10m |
| C | - | CASE: 22223 - 10002 |
| - | 1 | FOH-Trommel 50m 2xXLR-3 |
| - | 1 | Manfrotto Wind Up (black) |

+1

+10

Manuell

Deactivate Assign Items to this Transport Container

If you do not want to assign items to this transport container in the current loading process, the Assign Items to this Transport Container function can be deactivated

Zu Laden

☐ Geräte anzeigen

☒ Gruppen selektieren

☐ Flightcases nicht bestücken

☒ Verfügbarkeitsüberprüfung

Abbrechen **Ok**

LÖSCHEN

Booking items manually in a workshop activity







If an item is defective, you can book an item in the workshop from a loading or unloading process.

Activating the workshop booking mode:

1. Click on the toolbar
2. Select "Service"

The active status of the workshop booking mode is displayed by the "service" button status. In an active status, all newly scanned items and devices will be booked in the workshop.

02-0002.01 kl. Anlage

1      

1/1 Schukokabel, 20 Meter







| Anz | Gel. | Artikelbezeichnung |
|-----|------|--------------------------------|
| C | - | CASE: 1405 |
| - | 1 | PAR 64 CP60 6 lamp bar |
| - | 1 | Clay Paky Shadow long 1200 HMI |
| - | 1 | TV-Zapfen + Schelle, d=50mm |
| - | 1 | Manfrotto Wind Up (black) |
| - | 1 | CEE 32 A, 10m |
| C | - | CASE: 22223 - 10002 |
| - | 1 | FOH-Trommel 50m 2xXLR-3 |
| - | 1 | Manfrotto Wind Up (black) |

+1

+10

Service

02-0002.01 kl. Anlage

1      

1/1 Schukokabel, 20 Meter

| Anz | Gel. | Artikelbezeichnung |
|-----|------|--------------------------------|
| C | - | CASE: 1405 |
| - | 1 | PAR 64 CP60 6 lamp bar |
| - | 1 | Clay Paky Shadow long 1200 HMI |
| - | 1 | TV-Zapfen + Schelle, d=50mm |
| - | 1 | Manfrotto Wind Up (black) |
| - | 1 | CEE 32 A, 10m |
| C | - | CASE: 22223 - 10002 |
| - | 1 | FOH-Trommel 50m 2xXLR-3 |
| - | 1 | Manfrotto Wind Up (black) |

+1

+10


Service

Loading and overloading unscheduled items

During the loading process unscheduled or too many items can be scanned intentionally or accidentally. A message is shown in this case.

The message also displays current availability of the item.

Artikel 'Schukokabel, 20 Meter'
nicht geplant.
Trotzdem laden?
Vergügbar: 6



Laden

Abbrechen

If you do not schedule small parts in advance but load them spontaneously during the loading procedure, this message can be deactivated for certain items.

For this you can activate the setting "Deactivate warning for unscheduled items " in the easyjob item master data.

Manually loading and unloading items and devices

In addition to scanning an item's barcode, an item can be manually added, loaded or unloaded.

Selecting an item manually:

1. Click on the "Manual" button

The screenshot shows a software interface for manual selection. At the top is a search bar containing the text 'schuko'. Below it is a list titled 'Artikelbezeichnung' (Article designation) with the following items: 'Schukokabel, 10 Meter' (highlighted in green), 'Schukokabel, 15 Meter', 'Schukokabel, 2 Meter', 'Schukokabel, 20 Meter', and 'Schukokabel, 5 Meter'. Below the list are three buttons: 'Hoch' (Up), 'Runter' (Down), and 'Gerät' (Device). At the bottom are three more buttons: 'Abbrechen' (Cancel), 'Artikel' (Article), and '<<'. A green bar at the very bottom contains a small logo.

2. Confirm the selection or tap on "Device" to select a device.

The screenshot shows a software interface for selecting a device. At the top is a title bar that says 'Gerät auswählen' (Select Device). Below it is a search bar. Below the search bar is a list titled 'Bezeichnung' (Designation) with the following items: '1309', '1405', and '1158'. Below the list are three buttons: 'Abbrechen' (Cancel), 'Ok', and '>>'. A green bar at the very bottom contains a small logo.

Load an item in active pen mode from the load list:

1. Click on the line to be loaded

02-0002.01 kl. Anlage


1      

| Anz | Gel. | Artikelbezeichnung |
|-----|------|--------------------------------|
| - | - | Artikel |
| 1 | 0 | MA Lightcommander 12/2 |
| 2 | 0 | PAR 64 CP60 6 lamp bar |
| 1 | 0 | Dimmer 24 kW (12 x 2,3 kW) |
| 2 | 0 | Harting 16 Pol 25 Meter |
| 1 | 0 | FOH-Trommel 50m 2xXLR-3 |
| 1 | 0 | Clay Paky Shadow long 1200 HMI |
| 2 | 0 | TV-Zapfen + Schelle, d=50mm |
| 2 | 0 | Manfrotto Wind Up (black) |
| 1 | 0 | CEE 32 A 10m |

+1 +10 Manuell

2. If the item contains devices, you can select the item or a device.

Für diesen Artikel (Dimmer 24 kW (12 x 2,3 kW) DMX, 2x16pol Harting) sind Geräte angelegt.
Gerät auswählen?
(Wenn Sie 'Artikel laden' auswählen, wird der Artikel mit der angegebenen Anzahl '1' geladen.)



Gerät auswählen

Artikel laden

Abbrechen

Loading and unloading parts lists

Parts list items are not loaded and unloaded, as they are directly connected to the relative main item. When printing the delivery note, the devices of the part list item can be issued based on the assignment from the item master data.

Loading and unloading normal and optional associated items

Normal and optional associated items are scheduled like normal items in the bill of items. When loading and unloading the items are handled like normal items.

Loading and loading linked associated items

You can chose between various possibilities for loading and unloading linked associated items.

1007626.00 Amp-Rack d&b (C7Top/C4Sub/B2)

[Kopfdaten](#) [Preise](#) [Inventar](#) [Geräte](#) [Referenzartikel](#) [Jobs](#) [Alternativen](#) [Auslastung](#) [Report](#) [Lieferanten](#)
[Benutzerfelder](#) [Referenzen](#) [Bild](#) [Dokumente](#) [Eingangsbelege](#) [Qualifikationen](#) [Webshop](#) [Scanner](#)

Zeigt die Scann-Einstellungen an.

Scanner

Gebundene Referenzen beim Laden

☐ nicht scannen ☐ immer scannen ☒ nur bei Änderung scannen

Gebundene Referenzen beim Entladen

☐ nicht scannen ☐ immer scannen ☒ nur bei Änderung scannen

☐ Bei Geräteänderungen Stammdaten aktualisieren

☐ Warnung bei nicht disponierten Artikeln deaktivieren

Kopieren Drucken Speichern Ok Abbrechen

Angelegt: Bearbeitet: Admin admin (17.05.2008 12:59)

Do not scan linked associated items when loading

With the "do not scan" setting, the linked associated items are automatically loaded. The devices of the linked associated item are automatically loaded based on the master data assignment.

Scan linked associated items when loading

With the setting "always scan", the barcode scanner prompts to scan all linked items and devices after a scanning process. With the setting "scan only in the case of changes" the prompt appears only if an assignment is changed manually in the bill of items.

After scanning an item with linked associated items, the scanner will show the dialog for scanning the individual linked associated items.

Gebundene Artikel scannen
Papa Kinder Scannen
'800010' - '80001' (@si3661)

| Anz | Gel. | Artikelbezeichnung |
|-----|------|--------------------|
| 1 | 0 | Kind A |
| 1 | 0 | Kind B |
| 1 | 0 | Kind C |

Beenden

After scanning the linked items and devices will be displayed.

Gebundene Artikel scannen
Papa Kinder Scannen
'800010' - '80001' (@si3661)

| Anz | Gel. | Artikelbezeichnung |
|-----|------|--------------------|
| 1 | 1 | Kind A |
| - | G | 3335 |
| 1 | 1 | Kind B |
| - | G | 2227 |
| 1 | 0 | Kind C |

Beenden

Do not scan linked associated items when unloading

With the setting "do not scan", the linked associated items will be automatically unloaded based on the master data assignment.

Scan linked associated items when unloading

With the setting "always scan" the barcode scanner will prompt to scan all linked items and devices after a scanning process


Reassign devices of linked associated items when unloading

With the setting "update master data in the case of device changes", the master data will be updated based on the returned device assignment

Loading and unloading items due for maintenance

A warning will be given if devices due for maintenance are loaded or unloaded.

Service fällig!
Soll ein Werkstattvorgang
angelegt werden?



Werkstattjob erstellen

Ignorieren

Abbrechen

Create a Workshop Activity, a workshop activity will be created for the device instead of a loading activity.

Loading items from multiple groups laden

The same item can be used in multiple groups of a job. When loading an item from multiple groups, the group to be loaded will be requested.

The dialog box titled "Gruppe auswählen" (Select Group) contains a list box labeled "Bezeichnung" (Designation) with two entries: "FOH" and "Bühne". Below the list box is a large grey rectangular area. At the bottom of the dialog are five buttons: "Hoch" (Up), "Runter" (Down), "Ok", "Abbrechen" (Cancel), and "Normal laden" (Load normally).

The group request can be manually activated and deactivated in the load process settings.

The dialog box titled "Zu Laden" (To Load) features a dropdown menu at the top showing "Zu Laden". Below it are four checkboxes with labels: "Geräte anzeigen" (Show devices), "Gruppen selektieren" (Select groups), "Flightcases nicht bestücken" (Do not load flight cases), and "Verfügbarkeitsüberprüfung" (Availability check). The "Gruppen selektieren" and "Verfügbarkeitsüberprüfung" checkboxes are checked, indicated by orange checkmarks. At the bottom are two buttons: "Abbrechen" (Cancel) and "Ok". A small logo is visible in the bottom right corner of the dialog.


When the group request is deactivated, the groups will be populated according to its sorting order.

The group requested can also be deactivated in general in the device settings.

Assigning sub-hired equipment

A dialogue will open after scanning an item with a sub-hire assignment

Diesem Artikel wurden Anmietungen zugeordnet.



Artikel: Eurotruss FD34 2,00m

| Anz | Jobname |
|-----|------------------------------|
| 6 | Anmietung TakkeTech |
| 6 | Anmietung Trussing SuperRent |

Abbrechen

Alle Laden

Fortfahren

Tracking Items

An item can be tracked during the loading and unloading process.

Activating the item track mode:

1. Click on the toolbar
2. Select "Item Info"

The active status of the item info mode is shown by the status of the "info" button. If the status is active, the item tracking function will be opened for the newly scanned item.

02-0002.01 kl. Anlage
1

| Anz | Gel. | Artikelbezeichnung |
|-----|------|--------------------------------|
| C | - | CASE: 1405 |
| - | 1 | PAR 64 CP60 6 lamp bar |
| - | 1 | Clay Paky Shadow long 1200 HMI |
| - | 1 | TV-Zapfen + Schelle, d=50mm |
| - | 1 | Manfrotto Wind Up (black) |
| - | 1 | CEE 32 A, 10m |
| C | - | CASE: 22223 - 10002 |
| - | 1 | FOH-Trommel 50m 2xXLR-3 |
| - | 1 | Manfrotto Wind Up (black) |

+1

+10

Info

Geräteinformation

Artikel: TV-Zapfen + Schelle,
d=50mm

Verfolgen

| Anz | Bezeichnung | CheckIn |
|-----|-------------|----------|
| 2 | kl. Anlage | 17.07.09 |
| 4 | Disco Licht | 13.07.09 |


Schließen

Service

>>

Checking out a job

After all scheduled items have been loaded from the current job, the loading process is completed with the check-out process.

Job (02-0002.01) ist komplett geladen. 

☐ Job Check Out

☐ Schnellladen

☐ Planzahlen angleichen

☐ Lieferschein drucken

Abbrechen **Fertigstellen**

If you want to manually add further items to the job, stop the process with "cancel".

Manually checking out a job


If not all items have been loaded from the job and the loading process should be finalized, you can perform the check out process manually.

Initiate the check-out process with the barcode scanner:

1. Scan the barcode of the current job or another job

Initiating the check-out process via the application:

3. Click on the toolbar
4. Select "Finalize"

Job (02-0002.01) ist noch nicht komplett geladen.

☒ Job Check Out

☐ Schnellladen

☐ Planzahlen angleichen

☐ Lieferschein drucken

Abbrechen **Fertigstellen**

Quick Load and Adjusting Target Figures

If not all the scheduled items have been loaded when checking out a job, the "Quick Load" and "Adjust Target Figures" options are activated.

Quick Load

With quick load, the loaded quantity is compared with the scheduled quantity. This means that easyjob identifies all items as loaded.

This function can be limited via the User Access Rights with the "Quick Load/Quick Unload" access right.

This function is only available in on-line mode.

Adjusting target figures

With adjusting target figures, the scheduled quantity is compared with the loaded quantity. All items that have not been loaded will be deleted.

This function can be limited via the user access rights with the access right "Quick Load/Quick Unload".

This function is only available in on-line mode.

Printing the delivery note

After the process is complete, the delivery notes defined in the program settings will be sent to the printer.

This function is only available in online mode.

Unloading Jobs

Various actions can activate a job unloading process.

Start job unloading in scanner mode:

3. Click on Unload Job
4. Select the desired job and confirm with "OK"

Job auswählen

Check Out ab heute ▼

| Nr | Bezeichnung | |
|------------|---------------------|--|
| 02-0005.01 | beispieljob004 | |
| 08-0001.01 | Neue Druckhalle | |
| 02-0004.01 | Präsentation Saal 1 | |
| 02-0015.01 | 6er Bars | |
| 02-0001.02 | Tagung | |
| 02-0001.01 | Abend Gala | |
| 02-0006.01 | Beamer | |
| 02-0008.01 | Disco Ton | |
| 02-0008.02 | Disco Licht | |

Abbrechen Ok >>

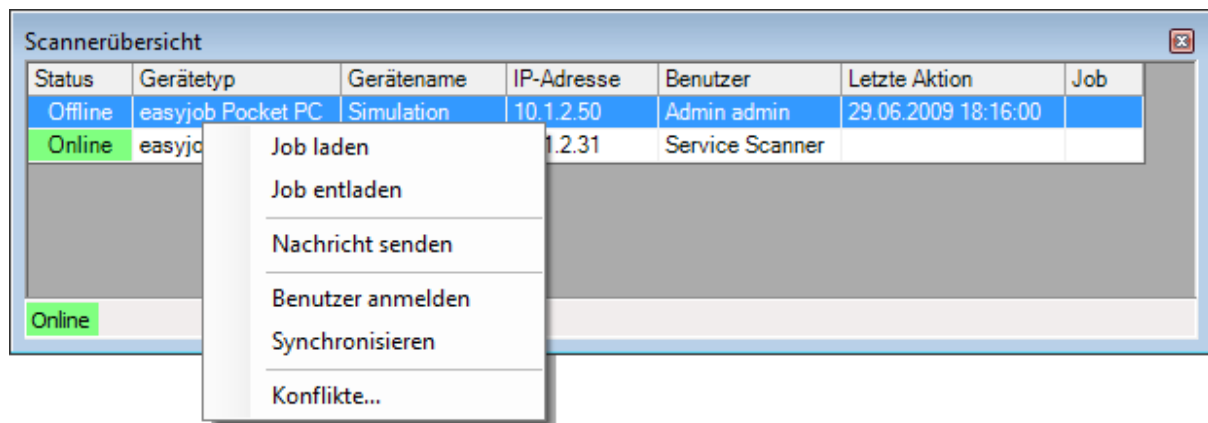
PROTONIC

Start job unloading with the scanner:

1. Scan the job barcode from the delivery note or the packing list

Start job unloading with easyjob:

1. Open the scanner status window
3. Select Unload Job in the context menu



Unloading projects

The Unload Project function makes it possible to unload multiple jobs from a project at the same time.

Various actions can activate the project unloading process.

Start project unloading in scanner mode:

5. Click on Unload Project
6. Select the desired project and confirm with "OK"



Start project unloading with the scanner:

2. Scan the project barcode from the delivery note or packing list

You can select the jobs to be unloaded before starting the unloading process

Jobs auswählen
☒ Architektur
☒ Außenprojektion

Abbrechen

Alle


Ok

The scanned items will be unloaded one after the other in the order of the jobs or the quantity to be unloaded will be distributed across the individual jobs.

Manual check-in

Checking In a Job manually

If not all items have been unloaded from a job and the unloading process should be finalized, the check-in process can be activated manually.

Job (02-0002.02) wurde noch nicht komplett entladen. 

☒

Job Check In

☒

Schnellentladen

☐

Verbrauchsartikel einschließen

<Weitere Optionen>

☐

Lieferschein drucken

Abbrechen

Fertigstellen

Activating the check-in priority with the barcode scanner


2. Scan the barcode of the current job or another job

Activating the check-in process with the application:

1. Click on the toolbar
2. Select "Finalize"

Quick unloading and missing Items

If when checking in a job manually not all scheduled items have been loaded yet, the Option "Quick Unload" and "More Options" will be activated.

Job (02-0002.02) wurde noch nicht komplett entladen.


☒ Job Check In

☐ Schnellentladen

☐ Verbrauchsartikel einschließen

<Weitere Optionen>

<Weitere Optionen>

Fehlmaterialjob anlegen

Fehlmaterial verkaufen

Frührücklieferjob anlegen

Abbrechen

Fertigstellen

Quick Unload

With quick unload, the unloaded quantity will be compared with the loaded quantity. This means that easyjob will mark all loaded items as unloaded.

This function can be restricted in the user rights with the "Quick Load/Quick Unload" right.

This function is only available in online mode.

Creating a missing Items Job

With a missing items job, all items and devices that are not unloaded will be booked in a new job and marked as loaded. All of the items and devices will be marked as unloaded in the original job.

A dialogue will ask for the end date of the return delivery job.

Bitte geben Sie ein Enddatum für den Fehlmaterialjob ein.

Tuesday , July 14, 20 ▾

Ok

This function is only available in online mode.

Creating an early return delivery job

With a missing items job, all unloaded items and devices will be booked in a new job and marked as unloaded. All of the unloaded items and devices will be compared with the scheduled quantity in the original job.

This function is only available in on-line mode.

Involcing a mlssing Items Job

All of the items that are not unloaded will be transferred to an invoice with the sales price. The amounts will be corrected in the item inventory.

This function is only available in online mode.

Inclusion of expendable Items

If expendable items were not included when creating a missing items or return delivery job, the scheduled amount must be corrected with the difference between the loaded and unloaded quantity. The difference in the amount will be corrected in the item inventory.

Advanced barcode functions

For the loading and unloading functions, easyjob 4.0 Mobile offers a series of useful barcode functions with track device, serial number assignment and inventory.

The use of the advanced functions can be further restricted in easyjob program settings.

Erweiterte Einstellungen

- ☐ Scannerfunktionen beim Start öffnen
- ☒ Stiftmodus automatisch deaktivieren
- ☒ Seriennummerzuweisung aktivieren
- ☒ Inventurfunktion aktivieren

Starting manual synchronization in barcode operation:

1. Go to "Barcode start screen"

Monday, June 29, 2009 6:49

| | | | |
|-------|-----|------------|----------------|
| 00:00 | Out | 02-0005.01 | beispieljob004 |
| 09:00 | Out | 02-0002.01 | kl. Anlage |

◀ || ▶

Job laden

Job entladen

Extras

Projekt entladen

Benutzer: Administrator
 Offlinedaten: 0
 Sync.: 1/1/01 12:00 AM

2. Click on "Extras"

Artikel/Gerät verfolgen

Seriennummer zuordnen

Inventurmodus

Optionen

Synchronisieren

Schließen

Login

Beenden

3. Select the desired function

Assigning a serial number

With the "assign serial number" function, the device's serial number is assigned based on the scanned easyjob barcode.

Assigning a serial number:

1. Create the new devices in easyjob
2. Print the device barcode and label the device
3. Start the "assign serial number" function in easyjob Mobile
4. Scan the device barcode



Seriennummer zuordnen

Artikel: Eurotruss FD34 1,00m
Inventarnummer:

Seriennummer

AAABBB1

Seriennummer wurde gespeichert.

Schließen Speichern

Drucken

5. Click on Save

Inventory

The inventory function makes it possible to count the current inventory by scanning the item and device barcodes individually.

Inventur
Artikel: Eurotruss FD34 2,00m

| | |
|---|------------------|
| 1 | Artikel gescannt |
| 1 | Artikel gescannt |
| 1 | Artikel gescannt |
| 1 | Artikel gescannt |

Zählen

Gesamt: 4

ZählungReferenzenBenutzt in

SchließenFertigstellen

When determining the inventory difference, the items that are currently booked in confirmed jobs are also taken into account.

Inventureintrag erstellen

Inventar2

Im Umlauf5

Anmietungen0

Gezählt4

Differenz7

Für den Artikel 'Eurotruss FD34 2,00m'
wird ein Inventureintrag vom Typ
'Inventur Zugang' mit der Anzahl 7 erstellt

AbbrechenInventar anpassen

To prevent inventory errors, the inventory and the devices that are in circulation will be shown upon finalization.

Inventory changes are included in the easyjob master data.

During the counting process, a determination can be made regarding the associated items an item contains and in which items the items are used as associated items.

Inventur
Artikel: Eurotruss FD34 2,00m

| Anz | Bezeichnung |
|-----|-------------|
| - | Gebunden |
| - | Stückliste |

Zählung
Referenzen
Benutzt in

Schließen
Fertigstellen

Inventur
Artikel: Eurotruss FD34 2,00m

| Anz | Bezeichnung |
|-----|-------------|
| - | Gebunden |
| - | Stückliste |

Zählung
Referenzen
Benutzt in

Schließen
Fertigstellen

Counting items:

1. Scan all of the devices related to an item or enter the number and then scan the item barcode.

Inventur
Artikel: Eurotruss FD34 2,00m

| | |
|---|------------------|
| 1 | Artikel gescannt |
| 1 | Artikel gescannt |
| 1 | Artikel gescannt |
| 1 | Artikel gescannt |

Zählen

Gesamt: 4

Zählung
Referenzen
Benutzt in

Schließen
Fertigstellen

2. Select Finalize
3. Make any corrections and confirm with customize inventory.

Inventureintrag erstellen

| | |
|-------------|--------------------------------|
| Inventar | <input type="text" value="2"/> |
| Im Umlauf | <input type="text" value="5"/> |
| Anmietungen | <input type="text" value="0"/> |
| Gezählt | <input type="text" value="4"/> |
| <hr/> | |
| Differenz | <input type="text" value="7"/> |

Für den Artikel 'Eurotruss FD34 2,00m'
wird ein Inventureintrag vom Typ
'Inventur Zugang' mit der Anzahl 7 erstellt

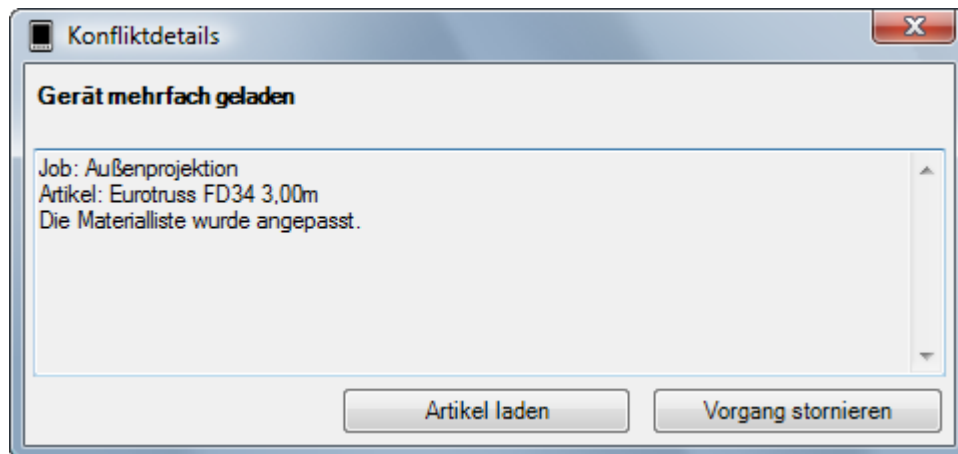
Abbrechen

Inventar anpassen

Conflict management

Due to the offline functionality, the use of multiple scanners or working in parallel with a mobile device using easyjob applications offline can lead to conflicts.

Conflict management can be started either via easyjob or the mobile end device.



The following conflicts can be generated and must be solved either with easyjob 4.0 Mobile or easyjob.

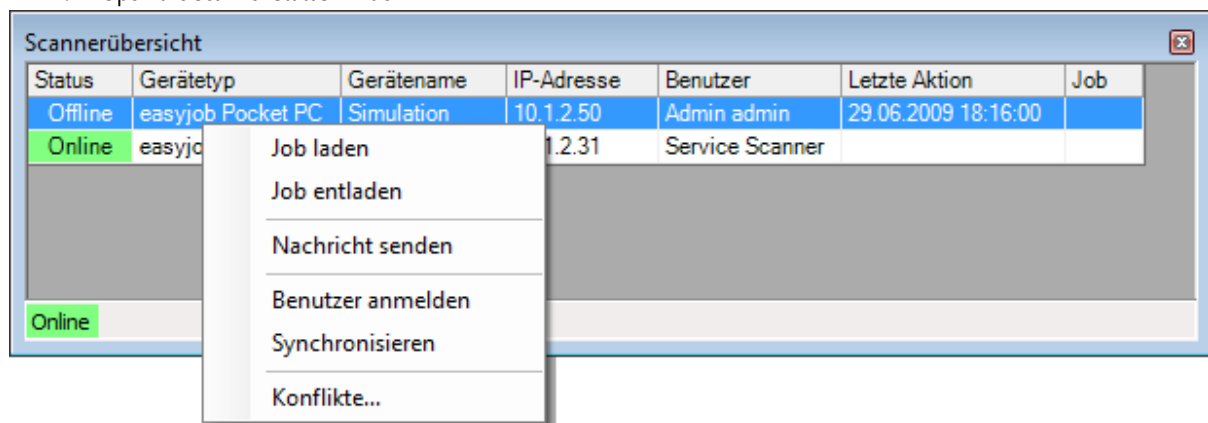
| <i>Conflict</i> | <i>Description</i> | <i>Actions for solving the conflict</i> |
|------------------------------|---|--|
| Device loaded multiple times | A device was loaded multiple times during the offline use of a scanner and with easyjob or with another device. | Cancel the process Load the item |
| Item overloaded | An item was loaded above the target figure during the offline use of a scanner and with easyjob or another | Cancel the overbooking Accept |

| | | |
|--------------------------------|---|------------------------------|
| | device | |
| Device unloaded multiple times | A device was unloaded multiple times during the offline use of a scanner and with easyjob or another device | OK |
| Item unloaded too much | An item was unloaded beyond the target figure during the offline use of a scanner and with easyjob or another device. | OK |
| Conflict after check-in | An item or device was unloaded after the job was checked-in during the offline use of a scanner and with easyjob or with another device | Cancel the process Accept |
| Canceled item edited | An item was edited during the offline use of a scanner and with easyjob or with another device although the item was canceled. | OK |
| Canceled item loaded | An item was loaded during the offline use of a scanner and with easyjob or with another device although the item was canceled. | OK |

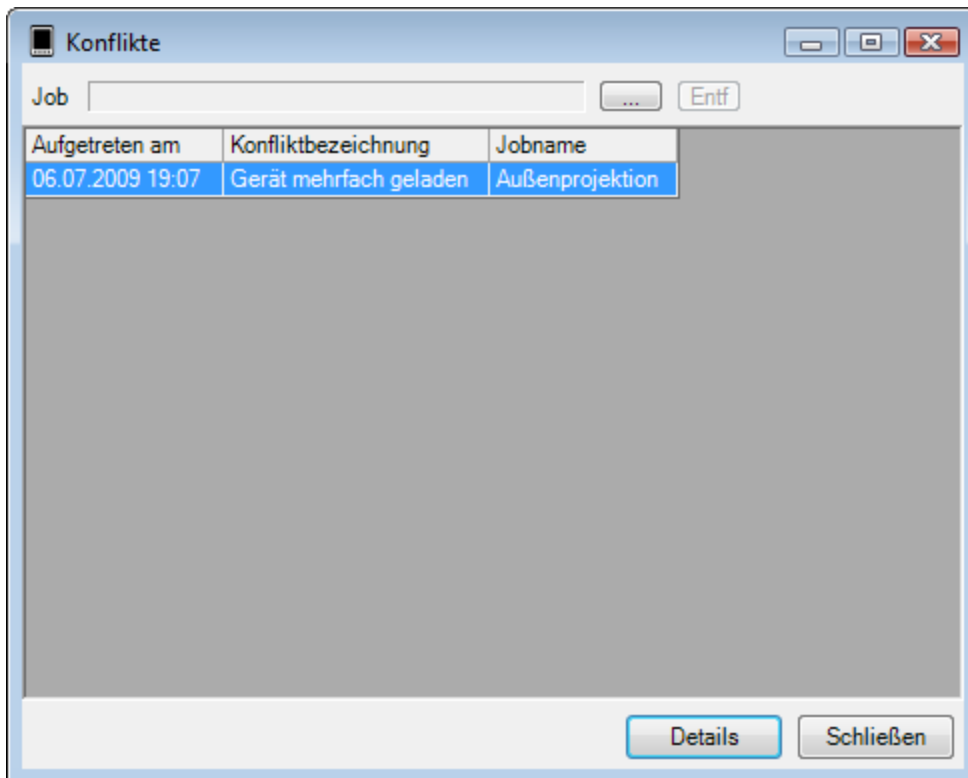
Conflict management with easyjob

Start conflict management in easyjob

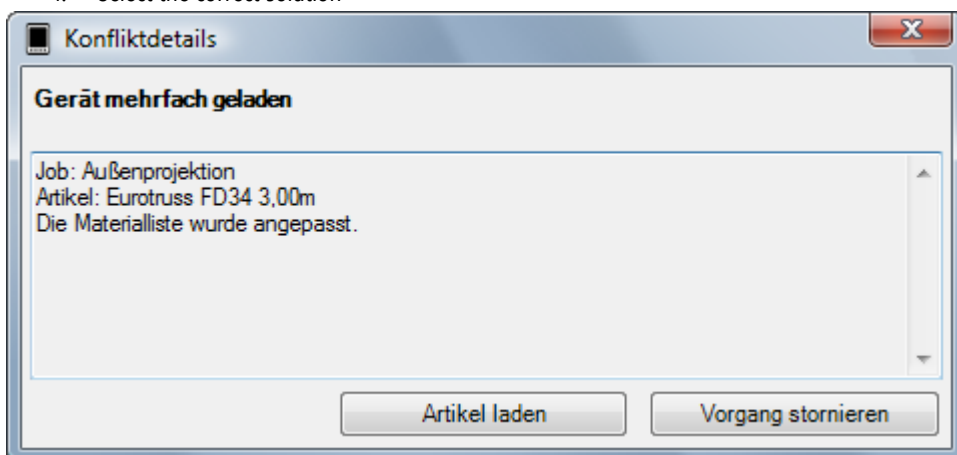
1. Open the scanner status window



2. Select "Conflict" from the context menu
3. Select the conflict entry and click on "Details"



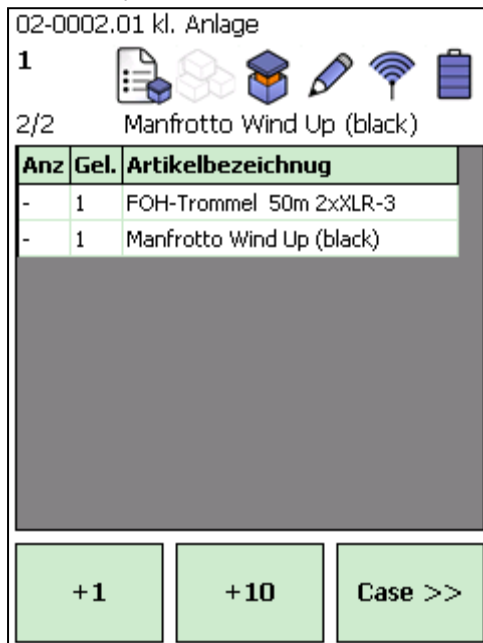
4. Select the correct solution



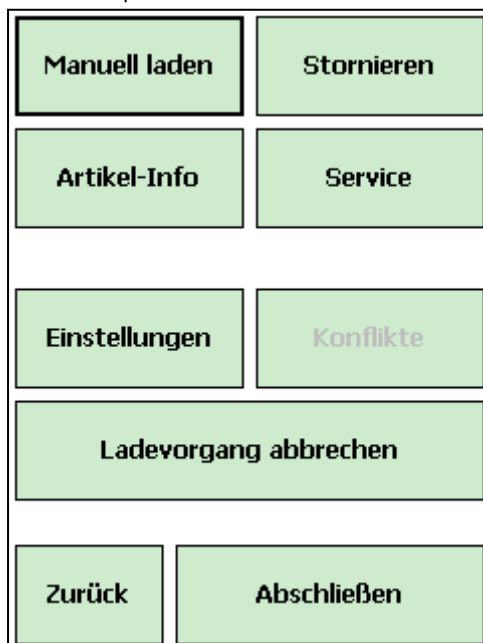
Conflict solution with the barcode scanner

Start conflict solution in easyjob Mobile:

1. Tap on the toolbar



2. Tap on "Conflicts"



3. Select the conflict entry and click on "Display conflict"

**Konflikte zu Job '02-0002.02
Außenprojektion'**

| Bezeichnung |
|------------------------|
| Gerät mehrfach geladen |

Schließen

Konflikt anzeigen

4. Select the correct solution

Gerät mehrfach geladen

Job: Außenprojektion
Artikel: Eurotruss FD34 3,00m
Die Materialliste wurde angepasst.

Artikel laden

Vorgang stornieren

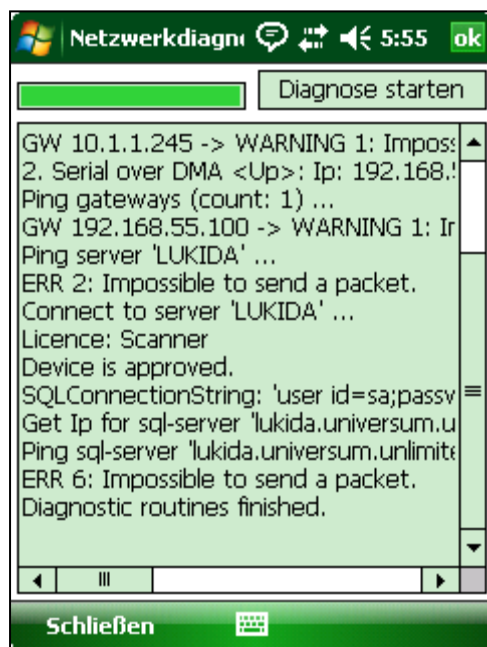
Troubleshooting

Your pocket scanner could fail to communicate for a number of reasons.

These are the most common:

- Incorrect TCP IP Settings
- Incorrect encryption configuration between the WiFi port and scanner
- Scanner service not started
- Firewall settings on the scanner service computer

The diagnostic tool can be used to quickly determine the cause of the error



Desktop Computer remote access

In the case of necessary support or quicker configuration of the device, remote access to the device may be a good solution.

We recommend using the free program MyMobiler for remote access.

MyMobiler can be loaded from the following URL <http://www.mymobiler.com/>.

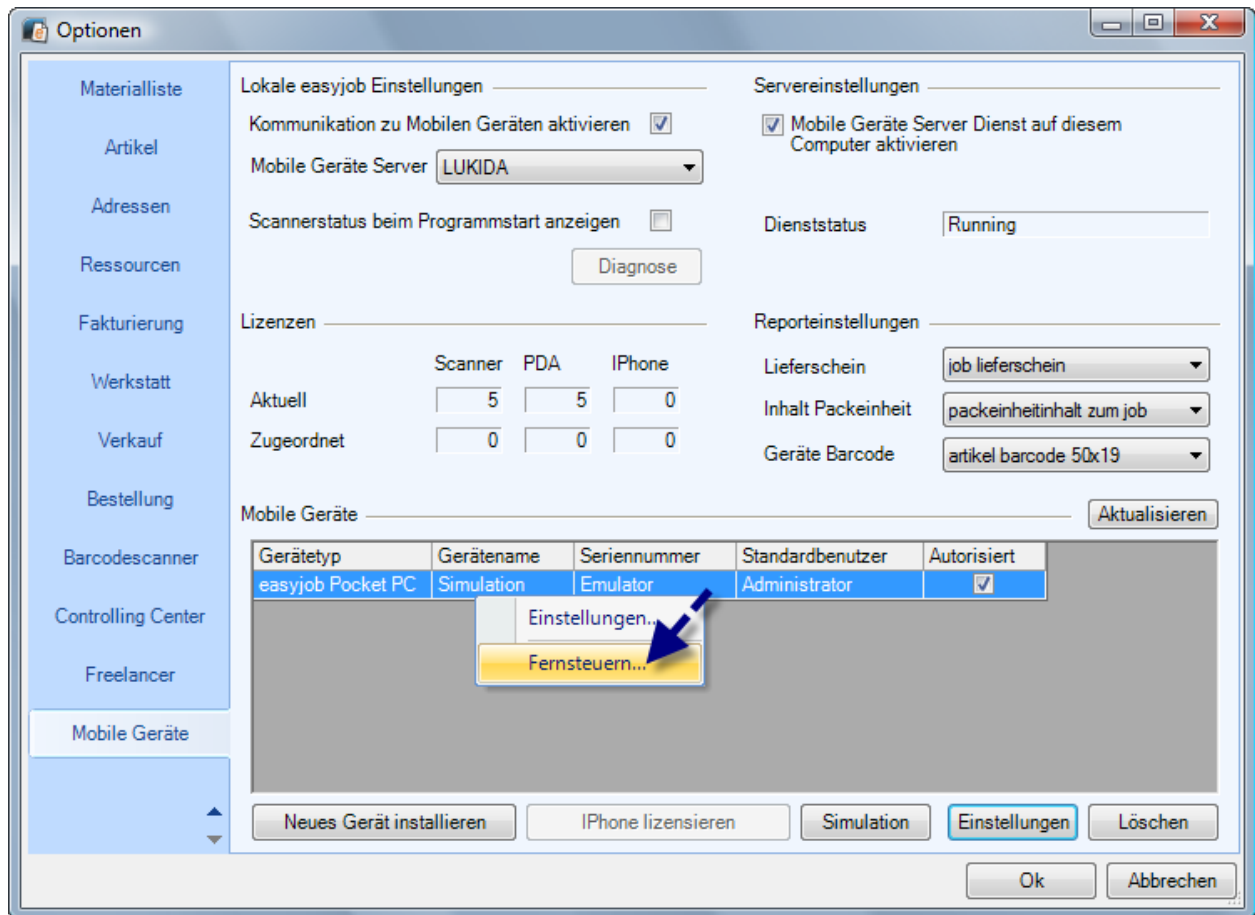
The standard path for MyMobiler is the local user directory. Make sure that MyMobiler is installed in the program folder. Click on "Program Files Folder"



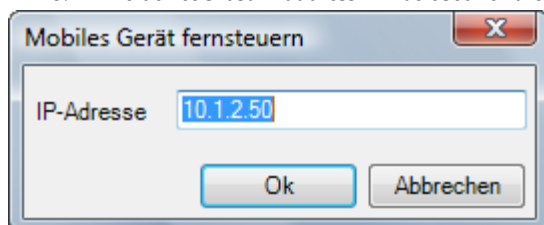
You can open MyMobiler manually using the icon in the start menu or from the easyjob device settings.

Starting a MyMobiler session in easyjob:

1. Open the device settings
2. Select "Remote control..." in the device's context menu

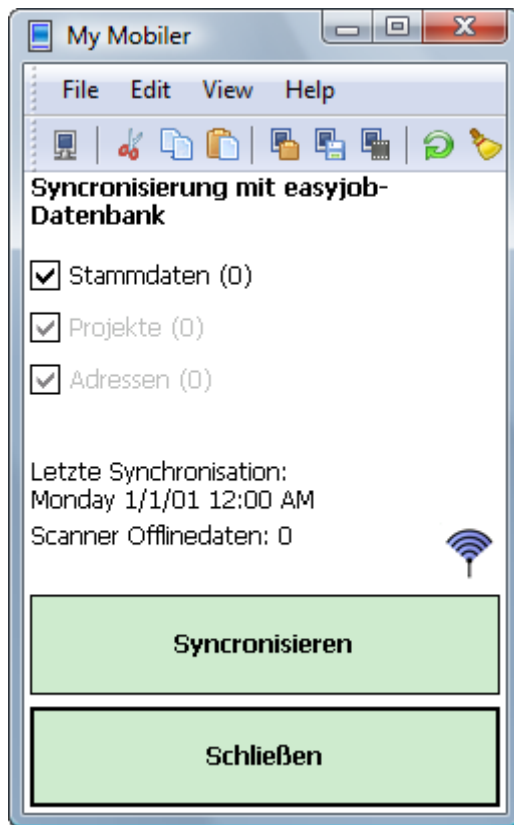


3. The device's last IP address will be used for the connection.



4. Click on "OK"

After a successful connection, you will be able to access the device from your desktop.



Troubleshooting when connecting the local device

ERR 1

A local network card could not be found. Please check if the device is connected via a network card. There may be a device failure.

WARNING 1:

The Gateway configured in the TCP/IP settings could not be pinged. If the additional tests can be performed without errors, this warning can be ignored.

ERR 2:

The computer with the configured easyjob Mobile Service could not be pinged. The firewall may be incorrectly configured or the server computer is unavailable.

ERR 3:

The easyjob Mobile Service cannot be reached. Perhaps the easyjob Mobile Service has not been started or the firewall is incorrectly configured.

ERR 4:

The easyjob Mobile Service does not answer the test request. Perhaps the service was terminated during the request.

WARNING 2:

The device does not have a license. Check the device's license assignment in the easyjob program settings.

WARNING 3:

The device was not enabled for communication with the easyjob Mobile service in the easyjob program settings.

ERR 5:

The SQL Server Name cannot be determined. Check if the SQL Server connection settings are correctly configured on the easyjob Mobile Server Computer.

ERR 6:

The SQL Server IP address cannot be resolved with the computer name or the SQL Server cannot be pinged. Check the DNS name resolution in your network and check if the SQL Server can be pinged.

ERR 6:

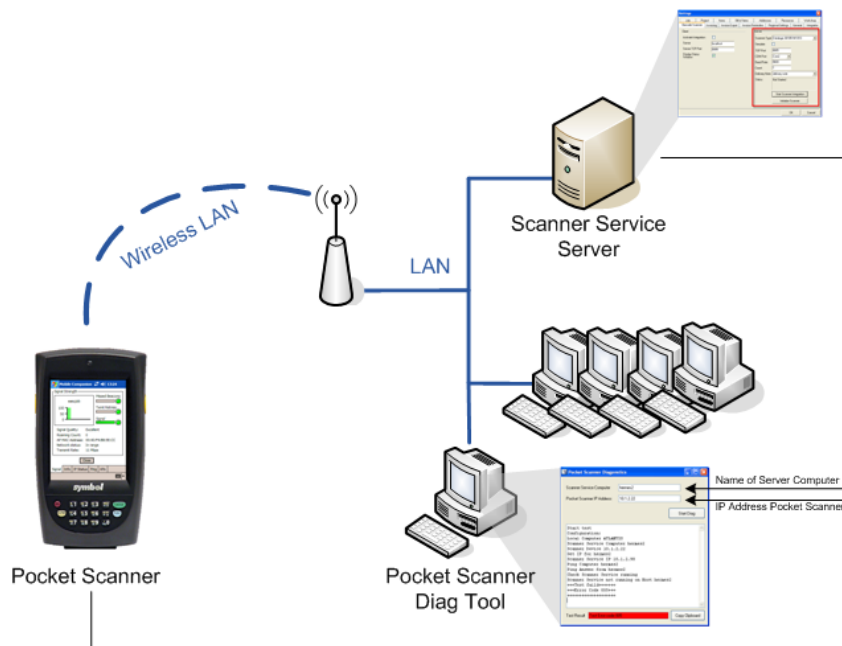
The SQL Server does not answer the SQL requests. Check if the TCP port by the SQL Server in the firewall is activated

WARNING 4:

The name of the SQL Server cannot be resolved via DNS. Check the DNS configuration in your network environment.

Troubleshooting the entire system

Select a computer in the network from which you start the diagnostic tool. The diagnostic tool cannot be run on the computer where the easyjob 4.0 Mobile Service is available. You require administrator rights to run the tool.



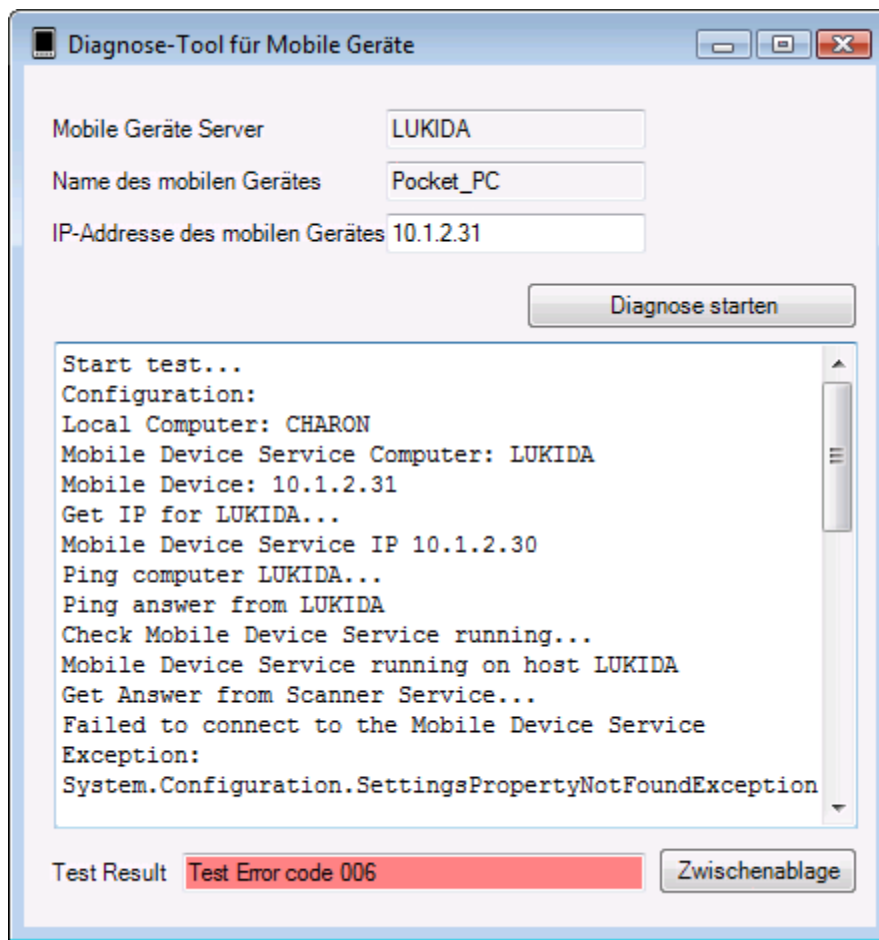
easyjob tries to determine the IP address of the mobile device.

In the case of connection problems with the mobile device, the IP address must be entered manually.

The following chapter describes how to determine the device's IP address.

Then select "Start diagnostics" to run the diagnostics.

A variety of tests will be performed.



If the scanner still does not function upon successful completion of the test, please contact product support at support@protonic-software.com.

To help you properly, our product support team will need the test results. For this, click on *Copy Clipboard* in order to copy the test result to the clipboard.

If the test is not successful, here is a list of various errors as well as the possible causes.

Trouble-shooting

Error Code 001 The Diagnostic Tool was started on the Server

You cannot run the diagnostic tool on the scanner service computer. Please run the tool on another computer.

Error Code 002 Server IP Address cannot be determined.

Check if the name of the server computer was entered correctly. If this is the case, there is an incorrect network configuration. Contact your IT professional to check your network's Domain Name Service (DNS).

Error code 003 Server Computer unavailable.

The server computer is unavailable. An incorrect firewall configuration could be the cause. Ask your IT professional to determine if the server computer can be pinged.

Error Code 004 Cannot determine if processes are running on the Server Computer.

The diagnostic tool cannot determine if the scanner service has been started on the server computer. Check your administration rights for the server computer.

Error Code 005 Scanner Service not started.

The scanner service has not been started. Ensure that the Scanner Service is properly installed on the Server Computer.

Error Code 006 Scanner Service Unavailable

The scanner service cannot be contacted. Ensure that port 5000 is open in your firewall settings.

Error Code 007 Pocket Scanner not available

The pocket scanner is not available from the network. Possible causes are an incorrect IP address setting or incorrect encryption settings. Follow the steps in the pocket scanner manual to restore the standard encryption settings..

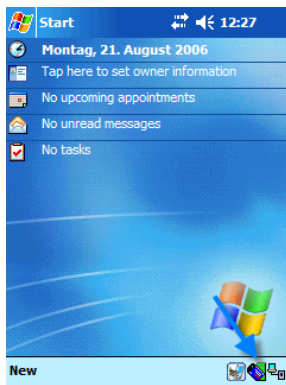
Error Code 008 Device is not authorized

The device is not authorized for use. Authorize the device via the easyjob program settings.

Manual determination of the scanner's IP address

The Scanner's IP address can be found in the network status on the mobile device.

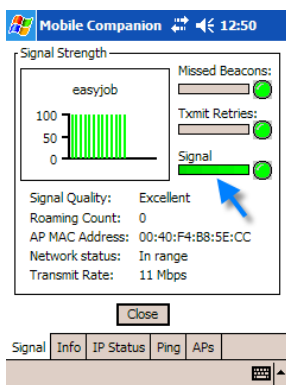
Click on the network status symbol to open the context menu



Select "Status" from the context menu.



Make sure the scanner is connected to the WiFi Port.



Click on the "IP Status" tab to view the scanner's IP address.

Mobile Companion

12:51

IP Status

IP Type: DHCP Renew

IP Address: 10.1.2.22

Subnet Mask: 255.255.0.0

Gateway: 10.1.1.245

DNS: 10.1.1.251

WINS:

MAC Address: 00:A0:F8:6C:06:56

Host Name: Symbol_PPT8800w

Close

Signal

Info

IP Status

Ping

APs

Manually configuring the easyjob Access Point

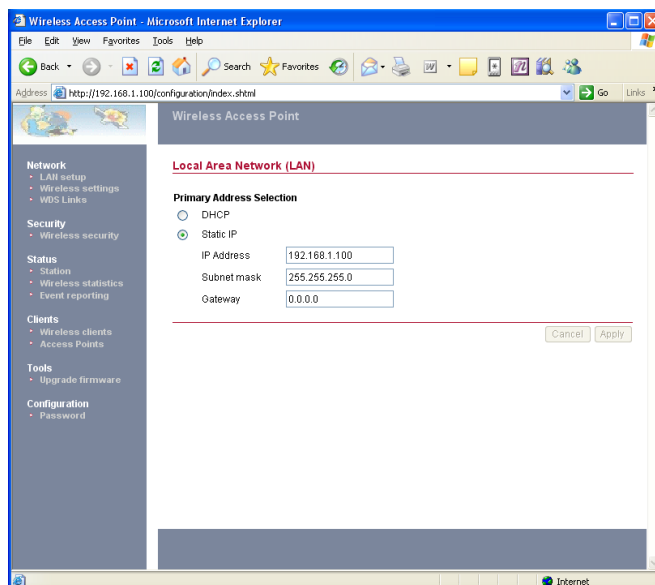
easyjob Access Points are delivered pre-configured. This has the advantage that the mobile device installation wizard automatically configures the correct wireless LAN profile for Motorola scanners.

To protect your network and data, the WLAN connection will be encrypted during set-up. The WPA protocol will be used.

The following chapters will explain the course of action you must take to restore the standard configuration should it be altered.

Access Point

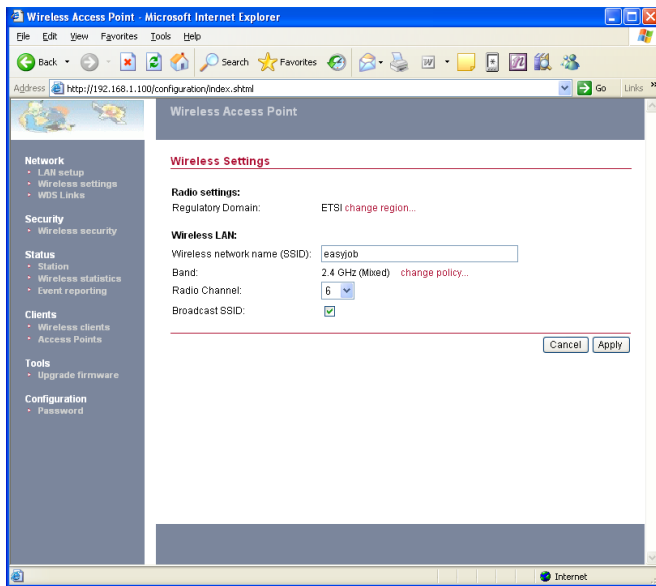
After resetting, the Access Point will acquire a standard IP address. We recommend that this not be changed.



Select *Germany* from the *Regulatory Domain*.

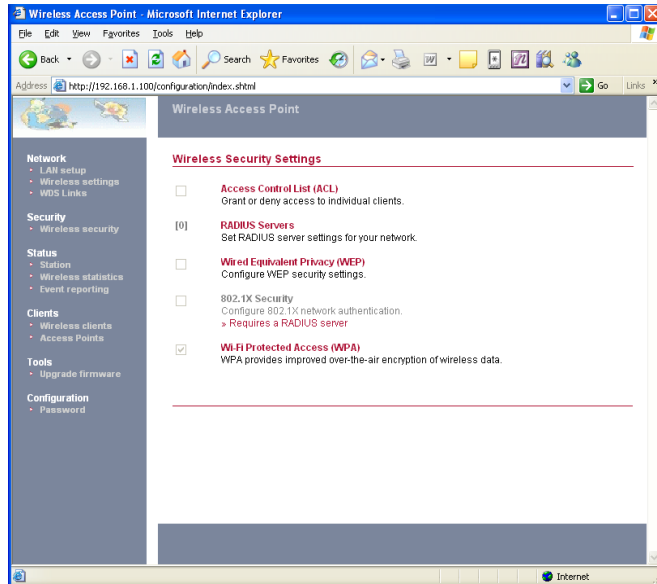
Enter "*easyjob*" as the *SSID*

You must change the *Radio Channel* to set-up multiple wireless LAN networks.

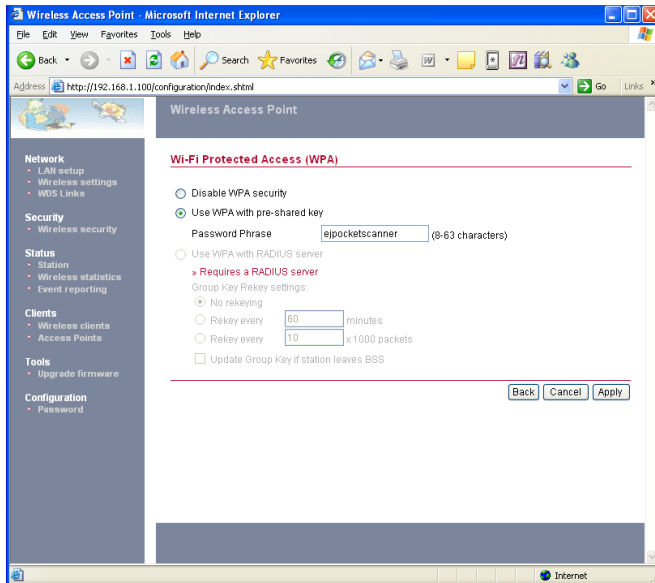


For your security, the data transmission should be encrypted.

We recommend *WPA* encryption.

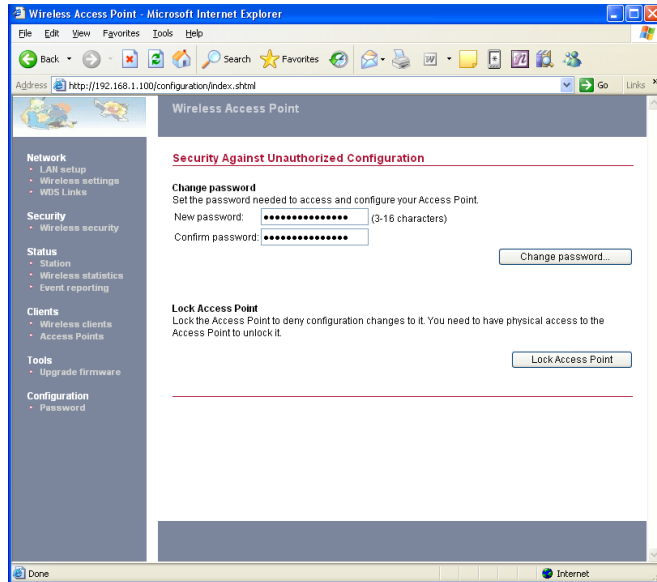


The "*Password Phrase*" is used to generate a key. This key must be used when configuring the pocket PC network settings.



A configuration password is recommended to protect the WLAN Access Point from unauthorized use.

Enter "ejpocketscanner" in the two password fields.

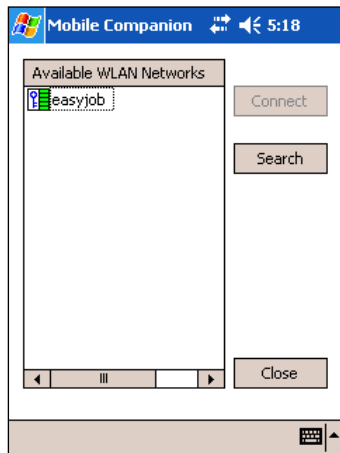


Manual scanner network configuration

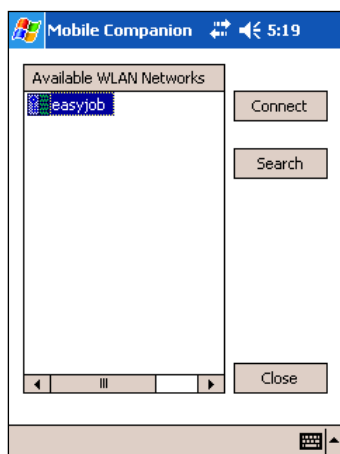
To connect the pocket PC with the Access Point, click the right symbol in the status bar and select "Find WLANs."



If the Access Point is properly configured and within the range of the scanner, a network called "easyjob" will be displayed.

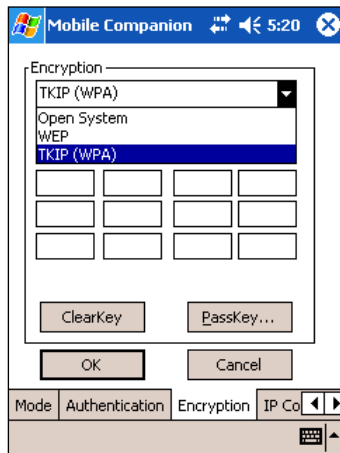


Select *Connect* to establish a connection.

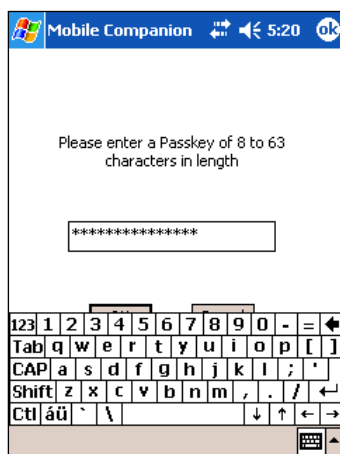


When connecting for the first time, the encryption must be configured.

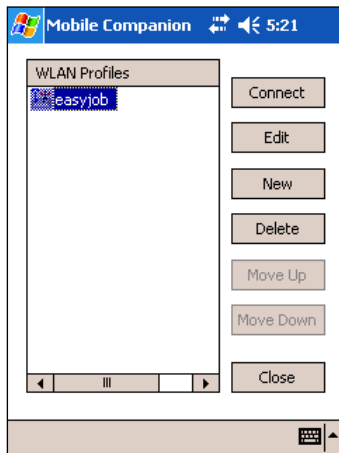
From the *Encryption* tab, select the *TKIP (WPA)*.



The encryption key will be generated from the configured *Phrase* that you used in Access Point.



After you have configured the encryption, click *Connect* to connect to the network.

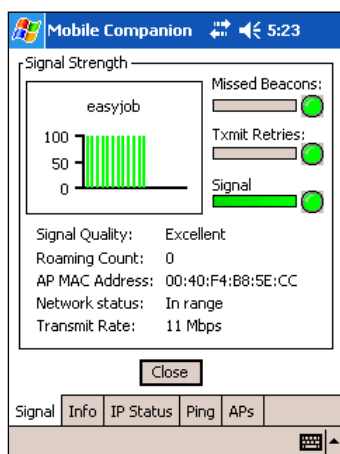


The pocket PC will automatically be connected to the network pending successful configuration. The status bar symbol displays the quality of the connection.



You can test the connection quality in the operational range by clicking on *Status* and then Advanced .

The reception range can be expanded through additional Access Points.



Pocket PC Scanner Reset

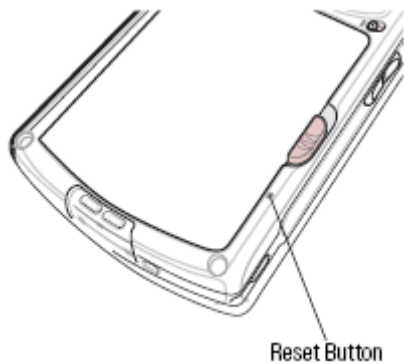
If the scanner is no longer responding then you can execute a warm start.

Symbol PPT 8800:

Simultaneously hold down **ENTER** and **FUNC** and press the yellow scanner activation button on the right.

Symbol MC 50:

The Reset button is located on the back of the device.




If the soft reset does not remedy the problem, please refer to the device's manual for instructions on conducting a hard reset.

Pocket PC Scanner Cold Start

If the scanner is no longer responding and the problem was not remedied with a warm start, then a cold start is recommended.

Symbol PPT 8800:

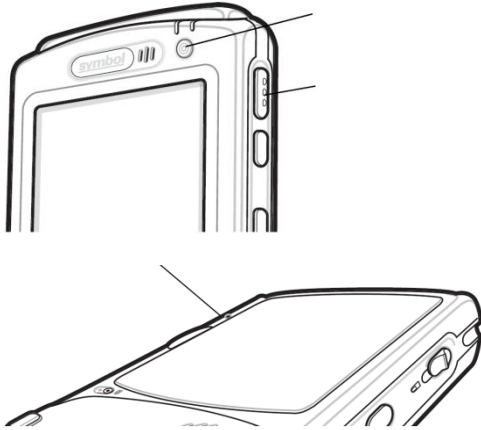
When performing a cold start, the battery compartment on the back must be opened. Then push the reset button at the same time as the  button with the pen on the front side.



After closing the battery compartment and pressing the power button the Scanner will need approx. 60 seconds to start.

Symbol MC 50:

To conduct a cold start you must simultaneously hold down the reset button and the right scanning button using the pen on the front side of the power switch.

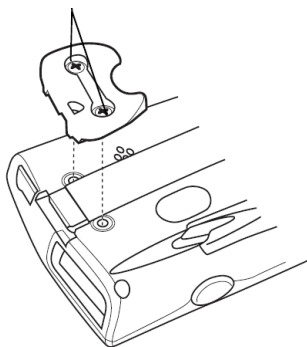


The scanner needs approx. 60 seconds to start after pressing the power button.

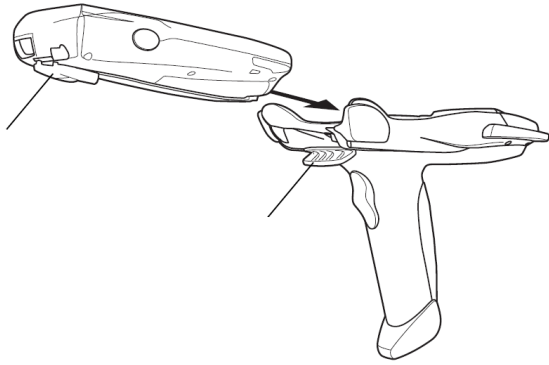
Configuring the pistol grip for Symbol PPT 88xx

The optional pistol grip for the Symbol PPT 8xx Scanner makes the device easier to handle.

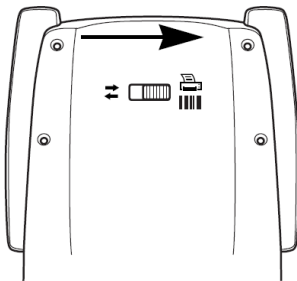
Before inserting the scanner on the pistol grip slide, the cover must be screwed on.



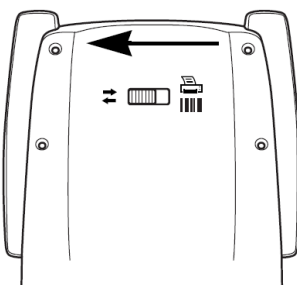
After the cover is attached, you can slide the scanner into the pistol grip



To operate the scanner, the switch on the backside of the device must be in the following position:



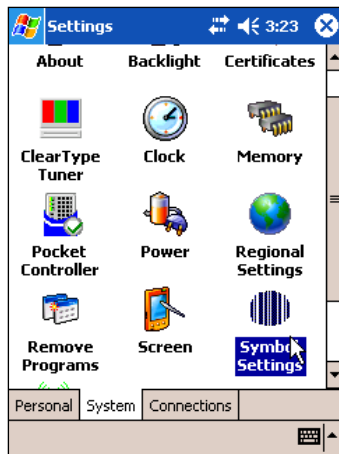
In order for the scanner base station to communicate with the computer, the switch on the backside of the device must be in the following position:



To operate the scanner the external power supply in the pocket PC operating system must be activated.

Under the Start Menu, select the link *Settings*.

Under *System* open the *Symbol Settings* located in barcode scanner settings.



Select the the value *Always On* in the *External 5 volts power* setting.

