

SAP Business One 10.0  
Zebra DS2278 Scanner für die Benutzung  
als Virtual Keyboard einstellen

**SBO10100**

Diese Konfiguration benötigt die Zebra Applikation 123Scan

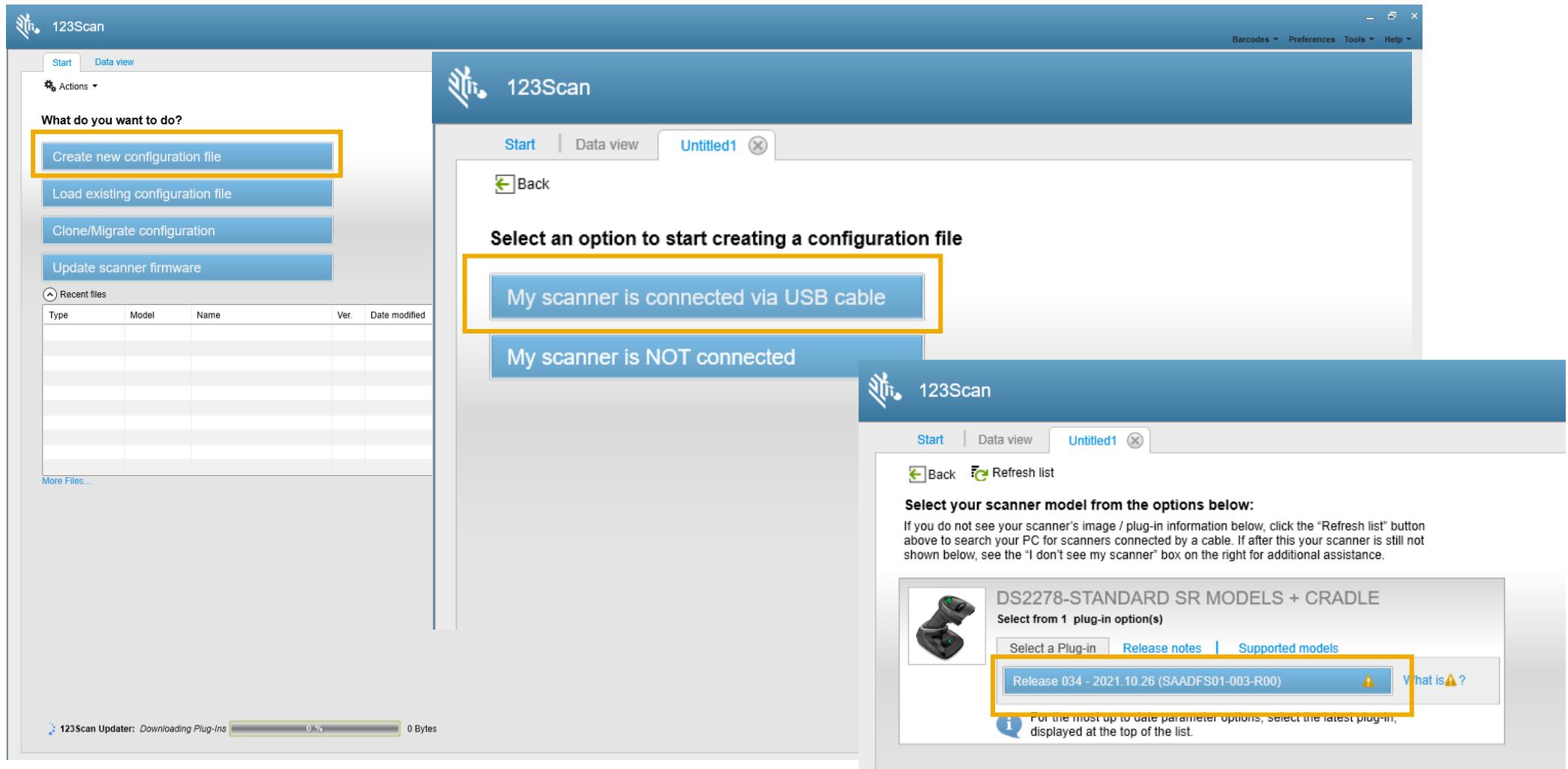
➤ Jetzt kostenlose Online-Demo starten



# Konfiguration anlegen

App [123Scan](#) von Zebra herunterladen, installieren und danach ausführen.

In 123Scan die Konfiguration mit dem Wizard beginnen:



# Schritt: Name and notes

Start Data view Untitled1

Actions Save file to PC Print bar code Load to scanner Email Bar Code to Phone Print/Save parameters How to video

Model List  
Plug-in Name  
Release Notes  
App Developer Report

DS2278-STANDARD SR MODELS + CRADLE-037

1. Name and notes  
Name: Untitled1  
Notes:

2. Cable connection  
USB (default)  
IBM-RS485  
Keyboard Wedge

3. Symbologies (bar code types)  
Factory default settings

4. Modify Data ^  
Custom settings

5. Wireless - Bluetooth  
Factory default settings

6. Imaging  
Factory default settings

7. General  
Factory default settings

8. Printing Options

9. Load and print

^ Parameters changed from factory default

**Name and notes**

Please be sure to give your settings a configuration name. You can also add notes and give the configuration name a version number.

Configuration Name:  [What is this?](#)  
16 character limit

Notes:  
  
500 of 500 characters remaining

**Einstellungen übernehmen**

< Back **Next >** Done Cancel

# Schritt: Scanner-Verbindung

Start | Data view | Virtual Keyboard

Actions | Save file to PC | Print bar code | Load to scanner | Email Bar Code to Phone | Print/Save parameters | How to video

Model List | Plug-in Name | Release Notes | App Developer Report

DS2278-STANDARD SR MODELS + CRADLE-037

1. Name and notes  
Name:Virtual Keyboard  
Notes:

2. Cable connection  
USB (default)  
IBM-RS485  
Keyboard Wedge

3. Symbologies (bar code types)  
Factory default settings

4. Modify Data  
Custom settings

5. Wireless - Bluetooth  
Factory default settings

6. Imaging  
Factory default settings

7. General  
Factory default settings

8. Printing Options

9. Load and print

^ Parameters changed from factory default

**What cable are you using to connect your scanner?**  
Your scanner is already set up to communicate to your host using the most common communication protocols.  
You can use the tab(s) below to setup / modify up to 4 cable types (communication protocols) on your scanner.

USB IBM-RS485 | Keyboard Wedge add cable

**Basic Settings**  
USB Device Type: HID Keyboard Emulation

Ignore Unknown Characters: Send Barcodes with Unknown Characters

( IBM Handheld / Tabletop / OPOS Options  
 SNAPI Options  
 HID Keyboard Options  
 CDC Options

**Einstellungen übernehmen**

< Back | Next > | Done | Cancel | Search for a parameter...

# Schritt: Barcode-Einstellungen

Start | Data view | Virtual Keyboard 

Actions | Save file to PC | Print bar code | Load to scanner | Email Bar Code to Phone | Print/Save parameters | How to video

 Model List | Plug-in Name | Release Notes | App Developer Report

DS2278-STANDARD SR  
MODELS + CRADLE-037

1. Name and notes  
Name:Virtual Keyboard  
Notes:

2. Cable connection  
USB (default)  
IBM-RS485  
Keyboard Wedge

3. Symbologies (bar code types)  
Factory default settings

4. Modify Data ^  
Custom settings

5. Wireless - Bluetooth  
Factory default settings

6. Imaging  
Factory default settings

7. General  
Factory default settings

8. Printing Options

9. Load and print

▲ Parameters changed from factory default

**Change your bar code settings**

Your scanner is already set up to recognize the most common types of bar codes. To modify your decoding options, select a symbology (bar code type) from the drop-down below.

Select symbology (bar code type) to modify

**Einstellungen übernehmen**

< Back | **Next >** | Done | Cancel | Search for a parameter...

# Schritt: Datenbearbeitung

Start | Data view | Virtual Keyboard 

Actions | Save file to PC | Print bar code | Load to scanner | Email Bar Code to Phone | Print/Save parameters | How to video

 Model List  
Plug-in Name  
Release Notes  
App Developer Report  
DS2278-STANDARD SR  
MODELS + CRADLE-037

**Modify Data**  
If required, create a data formatting rule to modify scanned data before its transmission to the host.

Send data as scanned, don't append any keystrokes. (Factory Default).  
 Append an enter key: Adds an Enter key to the end of scanned data.  
 Append a tab key: Adds a Tab key to the end of scanned data.

Program complex data modifications or select a rule from your Data Formatting Library. ^

Basic  Prefix / Suffix Simple Formatting ✓ Rule present  
 Advanced

ADF - Advanced Data Formatting (Scan one bar code)

**View / Edit selektieren**

1. Name and notes  
Name:Virtual Keyboard  
Notes:  
2. Cable connection  
USB (default)  
IBM-RS485  
Keyboard Wedge  
3. Symbologies (bar code types)  
Factory default settings  
4. Modify Data ^  
Custom settings  
5. Wireless - Bluetooth  
Factory default settings  
6. Imaging  
Factory default settings  
7. General  
Factory default settings  
8. Printing Options  
9. Load and print

^ Parameters changed from factory default

< Back | Next > | Done | Cancel | Search for a parameter...

# Schritt: Datenbearbeitung – Prefix und Suffix setzen

Start | Data view | **Virtual Keyboard**

Actions ▾ Save file to PC Print bar code Load to scanner Email Bar Code to Phone Print/Save parameters How to video

Model List  
Plug-in Name  
Release Notes  
App Developer Report

DS2278-STANDARD SR  
MODELS + CRADLE-037

1. Name and notes  
Name: Virtual Keyboard  
Notes:

2. Cable connection  
USB (default)  
IBM-RS485  
Keyboard Wedge

3. Symbologies (bar code types)  
Factory default settings

4. Modify Data ^  
Custom settings

5. Wireless - Bluetooth  
Factory default settings

6. Imaging  
Factory default settings

7. General  
Factory default settings

8. Printing Options

9. Load and print

**Prefix / Suffix Simple Formatting**  
Select the layout for prefix & suffix value you want to use.

<PREFIX> <DATA>  
 <PREFIX> <DATA> <SUFFIX 1>  
 <PREFIX> <DATA> <SUFFIX 2>  
 <PREFIX> <DATA> <SUFFIX 1> <SUFFIX 2>

<DATA> <SUFFIX 1>  
 <DATA> <SUFFIX 2>  
 <DATA> <SUFFIX 1> <SUFFIX 2>

Enter values for prefix and suffix.

PREFIX: ALT 2 <2050> [code list](#)

SUFFIX 1: ALT 6 <2054> [code list](#)

SUFFIX 2: Enter <7013> [code list](#)

Für Prefix und Suffix 1 code liste selektieren und dann Reiter ALT drücken

# Schritt: Keyboard – Länderdefinition

123Scan

Start Data view Virtual Keyboard

Actions Save file to PC Print bar code Load to scanner Email Bar Code to Phone Print/Save parameters How to video

Model List  
Plug-in Name  
Release Notes  
App Developer Report

DS2278-STANDARD SR MODELS + CRADLE-034

1. Name and notes  
Name:Virtual Keyboard  
Notes:

2. Cable connection  
USB (default)  
IBM-RS485  
Keyboard Wedge

3. Symbologies (bar code types)  
Factory default settings

4. Modify Data  
Custom settings

5. Wireless - Bluetooth  
Factory default settings

6. Imaging  
Factory default settings

7. General  
Custom settings

8. Printing Options

9. Load and print

Parameters changed from factory default

**General**

The parameters below are general scanner settings and user preferences. Click on blue links below for faster parameter list navigation.

**Power**

Time Delay To Low Power: 100 mSec

Timeout To Low Power Mode From Auto AIM: 15 Seconds

Battery Preservation: 9 x 1 hour

**System**

Parameter Scanning Allowed:

Keyboard country type: German (highlighted with a yellow box)

Country Code Page: Default for a set Country Type

Unicode Output Control: Universal Output

CJK Output Method to Windows: Universal CJK

Transmit No Read Message:

Transmit Code Id: None

Hand-Held Trigger: Level

Keyboard auf das entsprechende Land setzen

< Back Next > Done Cancel Search for a parameter...

This screenshot shows the 'Virtual Keyboard' configuration page within the 123Scan software. The left sidebar lists various configuration sections. The main area is titled 'General' and contains settings for power management, system parameters, and keyboard country type. A yellow box highlights the 'Keyboard country type' dropdown, which is currently set to 'German'. The text 'Keyboard auf das entsprechende Land setzen' (Set keyboard to the corresponding country) is overlaid on the right side of the screen, pointing to the highlighted field.

# Schritt: Datenbearbeitung – Konfiguration abschließen mit Done

Start | Data view | Virtual Keyboard 

Actions | Save file to PC | Print bar code | Load to scanner | Email Bar Code to Phone | Print/Save parameters | How to video

 Model List | Plug-in Name | Release Notes | App Developer Report

DS2278-STANDARD SR  
MODELS + CRADLE-037

**Prefix / Suffix Simple Formatting**  
Select the layout for prefix & suffix value you want to use.

<PREFIX> <DATA>  
 <PREFIX> <DATA> <SUFFIX 1>  
 <PREFIX> <DATA> <SUFFIX 2>  
 <PREFIX> <DATA> <SUFFIX 1> <SUFFIX 2>

Enter values for prefix and suffix.

PREFIX: ALT 2 <2050> [code list](#)

SUFFIX 1: ALT 6 <2054> [code list](#)

SUFFIX 2: Enter <7013> [code list](#)

1. Name and notes  
Name: Virtual Keyboard  
Notes:

2. Cable connection  
USB (default)  
IBM-RS485  
Keyboard Wedge

3. Symbologies (bar code types)  
Factory default settings

4. Modify Data ^  
Custom settings

5. Wireless - Bluetooth  
Factory default settings

6. Imaging  
Factory default settings

7. General  
Factory default settings

8. Printing Options

9. Load and print

^ Parameters changed from factory default

< Back | Next > | **Done** | Cancel | Search for a parameter...

# Einstellungen an den Scanner übertragen

SAP Business One

Start | Data view | Virtual Keyboard | **Load to scanner** | Email Bar Code to Phone | Print/Save parameters | How to video

Actions | Save file to PC | Print bar code | Model List | Plug-in Name | Release Notes | App Developer Report | DS2278-STANDARD SR MODELS + CRADLE-037 | Start configuration wizard >>

Configuration file summary

Configuration Name: Virtual Keyboard  
Windows Filename: Config\_File\_DS2278\_Untitled1\_2024.11.25.soncfg  
Notes:

Cable connection  
USB (default)  
IBM-RS485  
Keyboard Wedge

Symbologies (bar code types)  
Factory default settings

Modify Data  
Custom settings

Wireless - Bluetooth  
Factory default settings

Imaging  
Factory default settings

General  
Factory default settings

Printing Options

**Load configuration**

**DS2278-STANDARD SR MODELS + CRADLE**  
Firmware version: Release 034 - 2021.10.26 (SAADFS01-003-R00)

**DS2278**  
[model list](#)

2 compatible scanner(s) found for your configuration.

**LOAD TO ALL SCANNERS**

Refresh scanner list

23028523402291 - CAADNS00-003-R01

23339523420091 - CAADFS00-006-R00

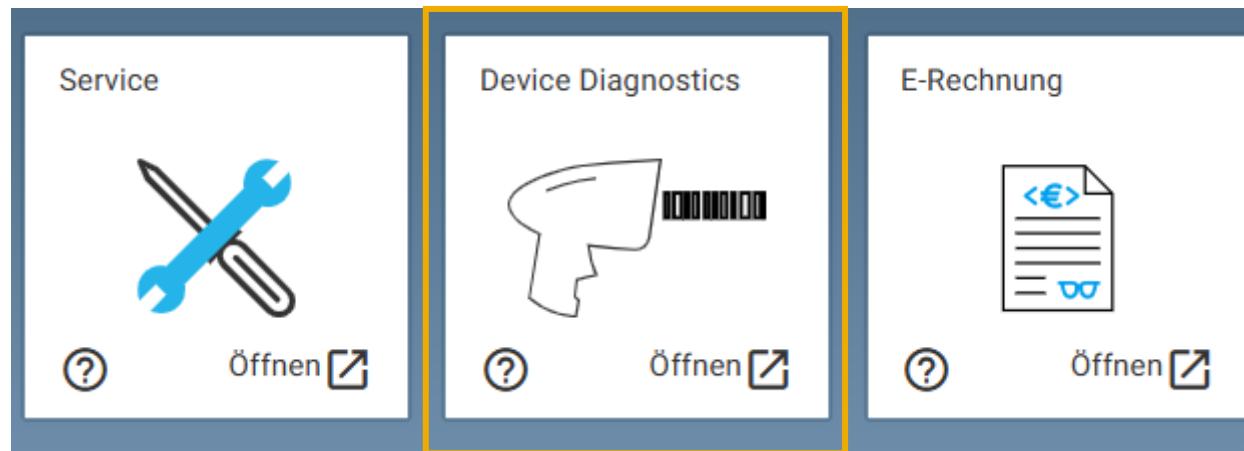
If you do not see your scanner listed [print the bar code](#) and scan it to confirm the scanner is properly communicating over USB.

Clicking on a scanner above will begin the loading for that scanner. You can click the FLASH/BEEP icon within a row to find that particular scanner. Or to initiate the loading of all scanners, click the LOAD TO ALL SCANNERS button above.

DISCOVERED SCANNER LIST | CLOSE

# SAP Business One Cloud Portal: Device Diagnostics App

Im SAP Business One Cloud Portal die App „Device Diagnostics“ starten:



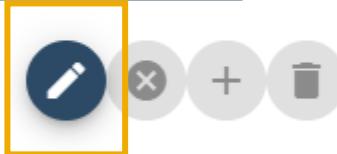
# Device Diagnostics App: Konfiguration

## Device Diagnostics

Geräte

0.5.1

### Scanner



#### Schnittstelle

Kamera

Serielle Schnittstelle

Virtual Keyboard

Prefix to data

ASCII   CTRL  Alt  Shift

Suffix to data

ASCII   CTRL  Alt  Shift

Learn



#### GS1 labels

FNC1 character

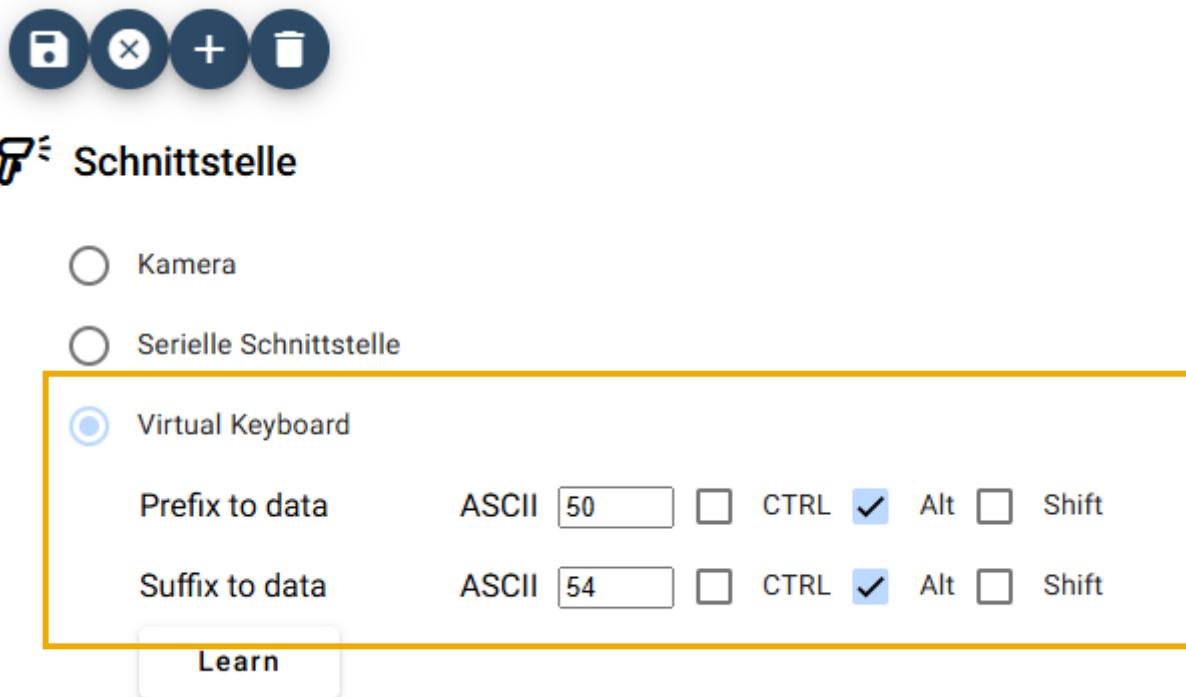
ASCII

Learn

Einstellungen übernehmen, danach Learn drücken

# Device Diagnostics App: Konfiguration

Folgende Einstellungen übernehmen und am Ende mit Speichern Konfiguration abschließen.  
Danach ggfs. die App mit F5 einmal neu laden.



Einstellungen übernehmen, danach Learn drücken.  
Dann Diskette (speichern) drücken.

## Device Diagnostics App: Testen

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In der Hauptansicht der Diagnostics App beispielsweise folgenden Barcode einscannen:



Hinweis: Drucken Sie diese Seite zu Testzwecken am besten aus.

# Device Diagnostics App: Testergebnis

Wenn der Barcode 0123456789 oben in der Textbox gezeigt wird, dann wurde der Scanner erfolgreich als virtuelle Tastatur konfiguriert!

Device Diagnostics Geräte 0.5.1 DE Roman Douverne Dev

Barcode  
0123456789

Show keyboard input

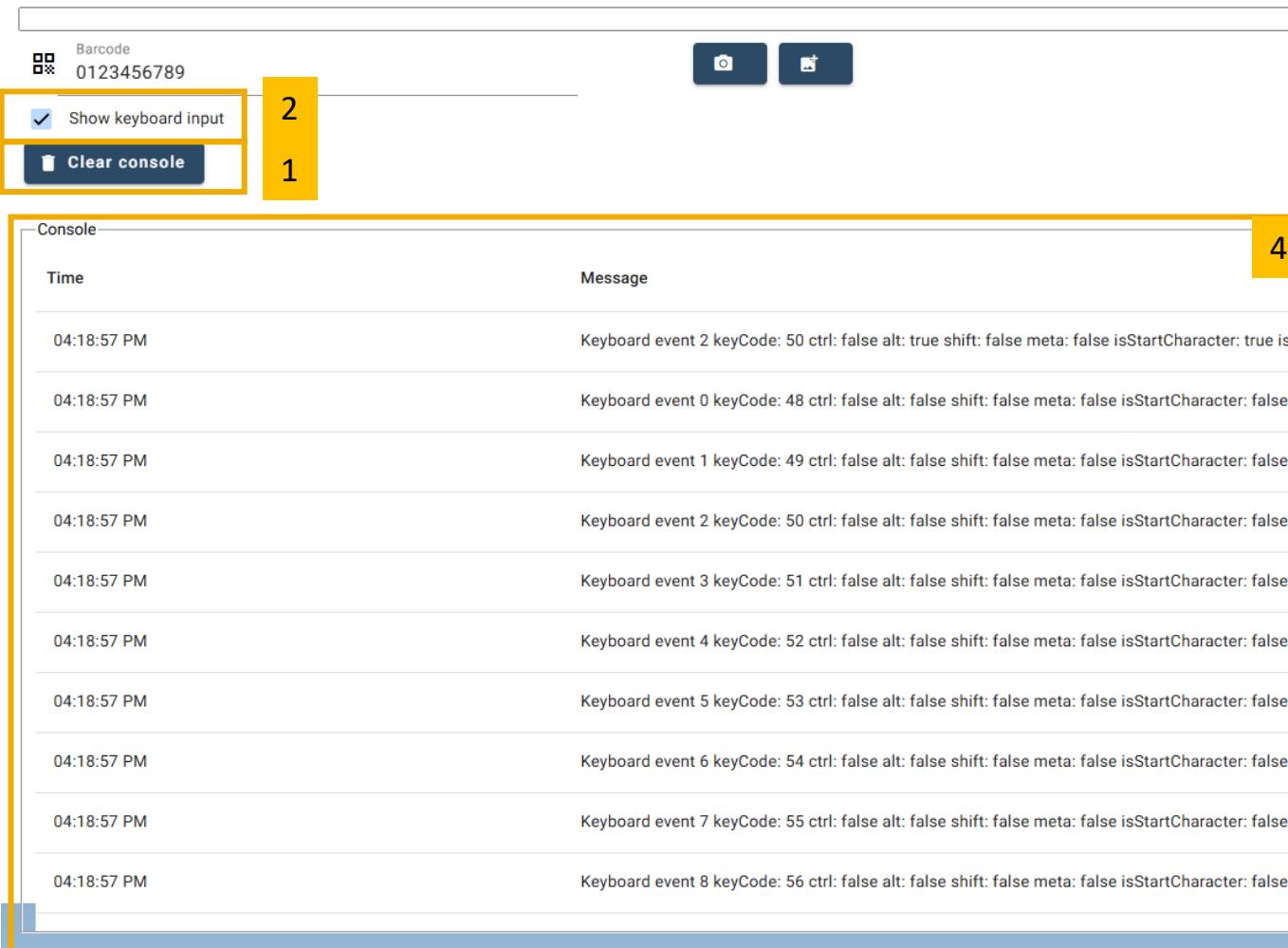
**Clear console**

Console

Time	Message	Runtime (ms)
04:15:34 PM	interpretOtherFormat using response types: Item, BinLocation, Barcode, LotNumber, SerialNumber	0
04:15:34 PM	Searching entity type Items for selected barcode: 0123456789	1
04:15:34 PM	Searching entity type BinLocation for selected barcode (1st attempt): 0123456789	2
04:15:34 PM	Searching entity type Barcode for selected barcode: 0123456789	1
04:15:34 PM	Searching entity type LotNumber for selected barcode: 0123456789	0
04:15:35 PM	Entity type SerialNumber didn't return any results.	384

# Device Diagnostics App: Diagnose

Sollte der Barcode nicht in der Textbox erscheinen, dann folgende Schritte durchführen und mit der Support-App dem conesprit Support Team den Inhalt der Konsole zukommen lassen:



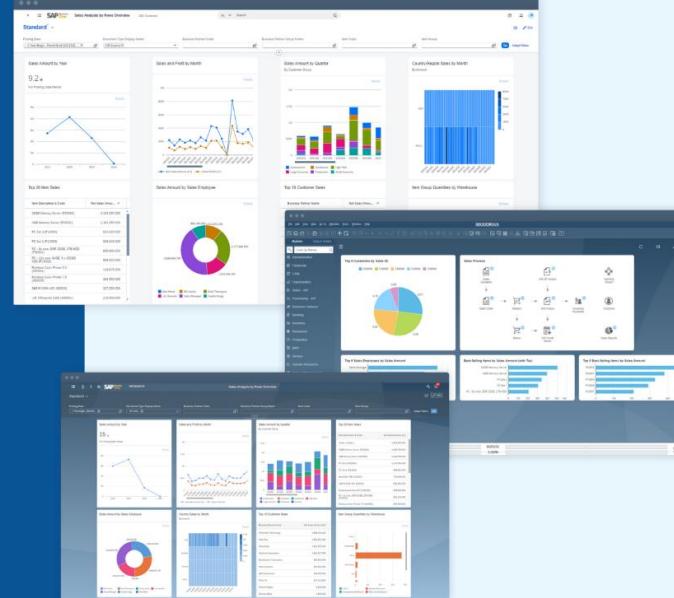
- 1) Konsole leeren
  - 2) Checkbox anhaken
  - 3) Scavorgang für Barcode  
0123456789 wiederholen
  - 4) Inhalt der Konsole speichern und  
im Ticket einhängen

## Ihr eigenes SAP Business One Demo-System.

In **2 Minuten** für Sie bereit.

Glauben Sie nicht?  
Dann testen Sie es jetzt!

 Kostenlose Online-Demo



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