Produmex Scan How-to Guides

Produmex Scan How-to Guides >

How to Add a New Database to an Existing Installation

1. Assign the Produmex Scan Add-On to the database.

2. Start the add-on and run the database setup. When working on a MSSQL environment, create a database backup before starting the database upgrade.

3. Open Produmex Service Manager. Click on the 'Setup Companies' button and add the database. Then click on the 'Companies' button and enable the company. For more information please see: Produmex Service Manager

4. Run the configurator for Produmex Scan. On the General tab, select the database from the list of databases and click OK.

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How to Configure HTTPS for Produmex Service Broker with a self-signed certificate

1. Produmex Service Broker Settings

Open the Produmex Service Broker configuration window from the Produmex Service Broker.

Enable HTTPS by setting the 'HTTPS enable?' setting to True, then set the port you would like to use as the 'SSL Port to listen on'.

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		Password			4	Misc			
						Concurrent tasks (piece)[[0		
		Start Mode	Auto			Debug writeline log? (true)	False		
						Exit if any module loading	true		
						HTTPS enable? (true/fals	True		
						Kill long time (seconds)	300		
						Kill on memory usage (mby	1000		
						Kill time (seconds)	30		
	_					Modules to load (comma s	BXManufact	uringPDCP	rocessor
						Port to listen on	50231		
						Record comm.data details	false		
						Server discovery enable?	true		
						SSL Port to listen on	50232		
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2. Create client certificate

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Create the self-signed certificate on your server.

In this documentation we used MakeCert.exe which is a part of the Microsoft Windows SDK. You can download the Windows SDK from here:

- Windows 10: https://developer.microsoft.com/en-us/windows/downloads/windows-10-sdk
- Versions previous to Windows 10: https://developer.microsoft.com/en-us/windows/downloads/sdkarchive

Open Command Prompt as an administrator and run the following command: <path>makecert.exe -r -pe -n "CN=<name>" -eku 1.3.6.1.5.5.7.3.1 -ss my -sr localMachine -sky exchange -sp "Microsoft RSA SChannel Cryptographic Provider" -sy 12 <filename>.cer

Replace <path> with the actual access path of the MakeCert.exe. Adapt the <name> and the <filename> as well.

```
In this example we used the following command:
C:\Program Files\Microsoft SDKs\Windows\v7.1\Bin\makecert.exe -r -pe -n
"CN=ServiceBroker" -eku 1.3.6.1.5.5.7.3.1 -ss my -sr localMachine -sky
exchange -sp "Microsoft RSA SChannel Cryptographic Provider" -sy 12
ServiceBroker.cer
```

In this documentation we used MakeCert.exe which is a part of the *Microsoft Windows SDK for Windows 7 and .NET Framework 4*. Please keep in mind that other versions of MakeCert or other certification generators might use different parameters.



3. Import the certificate on a Windows server

Run the Microsoft Management Console (mmc.exe). From the File menu select Add/Remove Snap-In.

a		Console1 - [Console Root]	_ 🗆 🗡
File Action View Favorites Window He	elp		- & ×
	1		
Console Root	Name		Actions
		There are no items to show in this view.	Console Root
			More Actions
		Add or Remove Snap-ins	
		You can select snap-ins for this console from those available on your computer and configure the selected set of snap-ins. For extensible snap-ins, you can configure which extensions are enabled. Available snap-ins: Selected snap-ins:	
		Snap-in Vendor A Edit Extensions	
		ActiveX Control Microsoft Cor Up Ceronicates - Current User Remove	
	Ç.	Certificates Microsoft Cor	
		Component Services Microsoft Cor	
		Add > Move Down Microsoft Cor Add >	
		Event Viewer Microsoft Cor	
		Group Policy Object Microsoft Cor	
		Internet Informatio Microsoft Cor In Security Monitor Microsoft Cor.	
		IP Security Policy M Microsoft Cor	
		Description:	
		The Certificates snap-in allows you to browse the contents of the certificate stores for yourself, a service, or a computer.	
		OK Cancel	
L]

Choose the *Certificates* snap-in and add it to the 'Selected snap-ins'. On the opening Certificates snap-in select 'Computer account'. On the next screen choose *Local computer* (or select the computer account) then click on the Finish button.

ect the computer you war his snap-in will alwavs ma	it this snap-in to manage. nace:	
Local computer: (the other state)	computer this console is running on)	
) Another computer:		Browse
only applies if you sav	the console.	
only applies if you save	e the console.	

On the Console navigate to Certification via Certificates (Local computer) > Trusted Root Certification Authorities > Certification. Right-click on Certification and select *Import...* from *All Tasks*.

Action View Fav	orites Window He	lp							
🖬 🗖 📋 🗖	🗟 🛛 🔽 💼								
nsole Root		Issued To	Issued By	Expiration Date	Intended Purposes	Friendly Name	Status C	^	Actions
Certificates (Local Comp	puter)	AddTrust External CA Root	AddTrust External CA Root	5/30/2020	Server Authenticati	The USERTrust Net			Certificates
Personal		Administrator	Administrator	5/20/2027	<all></all>	b1op			Marc Actions
Trusted Root Certific	ation Authorities	Administrator	Administrator	1/24/2025	<all></all>	CN=Administrator,			More Actions
Certificator	ll Tasks	Import	AffirmTrust Commercial	12/31/2030	Server Authenticati	AffirmTrust Comm			
Interprise I A	110383	nore cyber trust Koot	Baltimore CyberTrust Root	5/13/2025	Server Authenticati	DigiCert Baltimore			
Tructed Pub	iew	Im CA	Certum CA	6/11/2027	Server Authenticati	Certum			
Untrusted C N	lew Window from Here	im Trusted Network CA	Certum Trusted Network CA	12/31/2029	Server Authenticati	Certum Trusted Ne			
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Trusted Peo	iew raskpad view	2 Primary CA	Class 2 Primary CA	7/7/2019	Secure Email, Serve	CertPlus Class 2 Pri			
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Remote Des	kport List	ODO RSA Certification Au	COMODO RSA Certification Auth	1/19/2038	Server Authenticati	COMODO SECURE™			
Smart Card	1	rright (c) 1997 Microsoft C	Copyright (c) 1997 Microsoft Corp.	12/31/1999	Time Stamping	Microsoft Timesta			
Trusted Dev	elp	ert Assured ID Root CA	DigiCert Assured ID Root CA	11/10/2031	Server Authenticati	DigiCert			
Web Hosting		DigiCert Global Root CA	DigiCert Global Root CA	11/10/2031	Server Authenticati	DigiCert			
Windows Live ID Tol	ken Issuer	DigiCert Global Root G2	DigiCert Global Root G2	1/15/2038	Server Authenticati	DigiCert Global Roo			
		DigiCert High Assurance EV Ro	DigiCert High Assurance EV Root	11/10/2031	Server Authenticati	DigiCert			
		DST Root CA X3	DST Root CA X3	9/30/2021	Secure Email, Serve	DST Root CA X3			
		Entrust Root Certification Auth	Entrust Root Certification Authority	11/27/2026	Server Authenticati	Entrust			
		Entrust Root Certification Auth	Entrust Root Certification Authori	12/7/2030	Server Authenticati	Entrust.net			
		Entrust.net Certification Author	Entrust.net Certification Authority	7/24/2029	Server Authenticati	Entrust (2048)			
		Equifax Secure Certificate Auth	Equifax Secure Certificate Authority	8/22/2018	Secure Email, Serve	GeoTrust			
		GeoTrust Global CA	GeoTrust Global CA	5/21/2022	Server Authenticati	GeoTrust Global CA			
		GeoTrust Primary Certification	GeoTrust Primary Certification Au	7/17/2036	Server Authenticati	GeoTrust			
		GeoTrust Primary Certification	GeoTrust Primary Certification Au	12/2/2037	Server Authenticati	GeoTrust Primary C			
		GlobalSign	GlobalSign	3/18/2029	Server Authenticati	GlobalSign Root CA			
		GlobalSign	GlobalSign	12/15/2021	Server Authenticati	Google Trust Servic			
		GlobalSign Root CA	GlobalSign Root CA	1/28/2028	Server Authenticati	GlobalSign Root CA			
		Go Daddy Class 2 Certification	Go Daddy Class 2 Certification Au	6/29/2034	Server Authenticati	Go Daddy Class 2 C			
		Go Daddy Root Certificate Auth	Go Daddy Root Certificate Author	1/1/2038	Server Authenticati	Go Daddy Root Cer			
		GTE CyberTrust Global Root	GTE CyberTrust Global Root	8/14/2018	Secure Email, Client	DigiCert Global Root			
		Microsec e-Szigno Root CA 2009	Microsec e-Szigno Root CA 2009	12/30/2029	Server Authenticati	MicroSec e-Szigno			
		Microsoft Authenticode(tm) Ro	Microsoft Authenticode(tm) Root	1/1/2000	Secure Empil. Code	Microsoft Authenti		¥	

Follow the steps of the Certificate Import Wizard. Browse the ServiceBroker.cer, place the certificate to the Trusted Root Certification Authorities certificate store and finish the import.

Then import the certificate to the Personal folder as well, following the above described steps.

4. Bind the certificate to the port number

Bind the ServiceBroker.cer to the port number.

In this example we use the following netsh command in order to configure the certification to the port number.

Run the following command with Command Prompt:

netsh http add sslcert ipport=0.0.0.0:port certhash=thumbprint appid={appguid}

Where:

• **ipport**: is the IP address and the listening port. You can use a special IP address 0.0.0.0 that matches any IP address for the local machine. The listening port must be the same as the 'SSL Port to listed on' that is set on the Produmex Service Broker service configuration screen.

	Produmes	xServiceBroker service configuration $-$	×
General Prod	umex Service Broker		
Run As User	LocalSystem	✓ 📰 2↓ 🖾	
Password		Misc Concurrent tasks (piece)[[0	
Start Mode	Auto	Debug writeline log? (true/ false Exit if any module loading true	
		HTTPS enable? (true/fals True Kill long time (seconds) 300	
		Kill on memory usage (mby 1000 Kill time (seconds) 30	
		Port to listen on 50231	
		Server discovery enable? true SSL Port to listen on 50232	
		Concurrent tasks (piece)[0-not limited] Concurrent tasks (piece)[0-not limited]	
ОК	Cancel		

- **certhash**: The thumbprint of the certificate is the certificate's SHA-1 hash, represented in hexadecimal. In order to determine the certhash, open the certificate and go to the Details tab. Copy the thumbprint value to a text editor and remove all spaces between the hexadecimal characters. Make sure that there are no hidden characters in the string. (Eg. select the line and set the encoding to ANSI.)



5. Import the certificate

Besides the server, the certificate has to be imported on every computer that connects to Produmex Service Broker over HTTPS.

5.1. Import the certificate on a mobile device

In this example we installed the certificate on a Honeywell Dolphin 60 device with Windows Embedded Handheld 6.5 Classic operating system. The installation steps may differ based on the operating system and the device.

Copy the certificate file to the device, eg. to the *My Documents* folder.

Open the File Explorer from Start>Programs>File Explorer and open the folder where you copied the certificate. Tap on the certificate file you would like to import.

A 'Certificate Installation' message opens up. Press the 'More' button. To see the details of the certificate file, tap on the 'requester' link. To install the certificate, press the 'Install' button.



If the installation is successful, a confirmation message is displayed. The certificate is imported to the Root folder of Certificates.

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How to Perform a Version Upgrade

Make sure that you check the release notes of the new product version before starting the upgrade because it might contains important information regarding the upgrade.

1. Produmex Scan Add-on

The steps of a version upgrade for the Produmex Scan add-on are identical to a fresh installation.

If you are upgrading from a version higher than 17.05, it is not required to uninstall the current version before starting the upgrade.

When the add-on is started the first time after the upgrade, the database setup will run. Please note: In order to run the database setup, a database backup that was created within an hour is required on an MSSQL environment.

2. Produmex Service Broker

If you are upgrading from version 17.09 or higher, it is not required to install a new version of the Service Broker for an upgrade of Produmex PDC/Scan. If you are upgrading from a version previous to

17.09, please take the extra steps described here: Version 17.09. The steps of a version upgrade are identical to a new installation.

If you would like to uninstall the 32-bit DI API when upgrading to the 64-bit Service Broker, it is advised to uninstall both the 32-bit and the 64-bit DI API and then install the 64-bit DI API again because on certain SBO versions the uninstallation of the 32-bit DI API can cause issues for the 64-bit DI API.

Compatibility matrix

		Service Broker Version				
		18.2.	18.1.	17.11.	17.09.	17.05.
	18.2.	1	1	1		
	18.1.		1	1		
Server Module version	17.11.			1		
	17.09.				1	
	17.05.					1

3. Server Module

The steps of the version upgrade for the server module are identical to a new installation.

4. Produmex Scan client

The steps of the version upgrade for the Scan Client are identical to a new installation. If you are upgrading from a version higher than 17.05, only uninstall the current Produmex Scan version if based on the settings of the operating system, the installation process requires it.

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How to Set Up Android Devices for Produmex Scan

1. Setting up Wi-Fi Connection

Set up the Wi-Fi connection on the device from Android settings.

2. Setting up Remote Desktop Connection

1. Install Remote Desktop on your device. If the device has access to Google Play, install the Microsoft Remote Desktop app from Google Play, otherwise download the Microsoft Remote Desktop .apk file

and install it manually on the device.

- 2. Open the Remote Desktop app.
- 3. Tap the + icon and select *Desktop* to add a new connection.
- 4. Tap Add Manually.



- 5. Enter the IP address or the host name as the *PC name*.
- 6. Add the user account by entering the user name and password and tap Save.

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		?123	,							Save

7. Open remote desktop and tap the 💻 icon.

8. Set the mouse mode to *Touch*. Tap the *Touch* icon on the right sidebar. The mouse mode is *Touch* if the *Mouse Pointer* icon is displayed.



3. Display Settings

3.1. Remote desktop

We recommend setting the orientation as *Portrait*. This can be done in the following way:

Set the orientation of the Remote Desktop app to *Portrait*. Open the app settings and select the *Display* menu. Set the Orientation to *Lock to portrait*.

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■ Remote Desktop	+ ŵ Home	+ ≡ Display
Mingdon at land	Settings	Orientation
	191 General	Auto-adjust O
	🖵 Display	Lock to landscape
	A Gateways	Lock to portrait
170 14 10 00	A User Accounts	+ Custom
172.10.10.23	① About	
	? Help	
	What's New	

3.2 Device

We recommend the following settings on the device.

Client configuration parameters					
General	Advanc	ced Diagnostics			
✓ Don't Use Built-in OS Buttons					
Customization Assist Mode					
Win. Lay	/out	Desktop Fullscreen	-		

1. Open the Configure Produmex Scan application.

- 2. Tick the **Do not use built-in OS buttons** option to disable the built-in OS buttons.
- 3. Set the Windows layout to **Desktop fullscreen**.

4. Creating a Scheduled Task

Create a scheduled task for the batch file that is triggered at log on.

Start the *Task Scheduler* and click Create Task. Make sure that on the Triggers tab the *Begin the task setting* is set to **At log on**.

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Task Scheduler		- 🗆 X
File Action View Help		
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Task Scheduler (Local)	Task Scheduler Summary (Last refreshed: 4/3/2019 1:40:18 PM)	Actions
Task Scheduler Library	^ 1	Task Scheduler (Local)
Create Task		× omputer
General Triggers A	ctions Conditions Settings	
When you create a	task you must specify the action that will occur when your task starts.	
		a ke
Action	Details	IN I
Start a program	"C:\Program Files (x86)\Produmex\Produmex Scan\Client\BXMobile\	WH9.exe"
		· ·
		*
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	ОК	Cancel

5. Scanning Configurations

On most systems scanning settings are assigned to profiles. By default, the settings of the default profile are applied, but it is possible to create specific profiles for applications. Profile handling may differ based on the device.

Set the following scanning configurations for the profile you would like to use:

- 1. Set the code type to **NONE**.
- 2. Set to **send TAB** after the barcode data.

Configuration steps may differ based on the device and the Android version. This documentation includes the configuration steps for the following:

- Honeywell Dolphin 75e Android 6.0.1.
- Zebra MC9200 Android 4.4.4.

5.1. Example 1: Honeywell Dolphin 75e - Android 6.0.1

1. Open Android Settings. 2. From the Honeywell settings select Scanning.



3. Select Internal Scanner and select the profile you would like to use from the list of profiles.

← Scanning	← Internal Scanner ⊕
Internal Scanner	Default profile Settings apply to apps with no profile

- 4. Tap Data Processing Settings.
- 5. In the *Data Processing Settings* menu set the *Symbology Prefix* to **None**.
- 6. To send the **TAB** key after the barcode data, add '\r' as *Suffix*.

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← Default :	← Data Processing Setti :	← Data Processing Setti :
Data Processing Settings Symbology Settings Decode Settings Imager Settings Trigger Settings	Wedge Symbology Prefix None Honeywell AIM 	Suffix V Suffix Suffix V L
Notification Settings	CANCEL Data Editing Plugin Symbology Prefix AIM	Launch Browser

5.2. Example 2: Zebra MC9200 - Android 4.4.4

- 1. Open the DataWedge app.
- 2. Select the profile you would like to use from the list of profiles.



- 3. From the BARCODE INPUT plugin select *Scan params*.
- 4. Select *Code Id Type* and set the code ID type to **NONE**.

Profile: Profile0 (default) Scan params BARCODE INPUT Decoders Values Enable/disable decoders Decoding LED Notification ~ Decoder params Code Id Type None Setup symbology specific parameters Code Id Type Code Id Type Aim Code Id Type Aim UPC/EAN params Setup generic UPC/EAN parameters Volume Type Code Id Type Symbol Notification Reader params Setup reader specific parameters Cancel Decode Audio Feedback optimized-beep Scan params Setup scan specific parameters Decode Feedback | FD Timer Decode Feedback | FD Timer ÷ IJ \Box \leftrightarrow IJ \frown ¢ \Box Ū

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5. From the KEYSTROKE OUTPUT plugin open *Basic data formatting* and enable the **Send TAB key** setting.



6. Setup for Power Usage

We recommend adjusting the following settings in order to save power usage:

6.1. Sleep Mode

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Adjust the sleep mode settings.

6.2. Backlight

Adjust the backlight settings. The configuration steps depend on the device.

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How to Set Up a Windows scanner for Produmex Scan on Windows Embedded Handheld 6.5

The Produmex Scan client application runs natively on Windows mobile devices. It is also possible to run it on the server and access through remote desktop, but it is only recommended on cloud environments where the network connection is slower in order to avoid latency issues.

In this documentation we demonstrate the configuration steps on two different devices:

- Zebra MC67NA mobile computer (Windows Embedded Handheld 6.5 Professional)
- Honeywell Dolphin 60 handheld computer (Windows Embedded Handheld 6.5 Classic)

Please note: The configuration steps may differ based on the device and the operating system.

1. Setup the Wi-Fi connection on the device

Set up the Wi-Fi connection on the device. The Produmex Scan client application connects to the Service Broker by using HTTP/HTTPS protocols.

1.1. Example: Zebra MC67NA

From the Start menu select Wireless Companion>Wireless Launch. On the Fusion Launcher screen press 'Find WLANS'. On the next screen every active WLAN in the area is listed. Press the WLAN you would like to connect and select the 'Create profile' option.



Follow the steps of the Wireless LAN Profile Entry and save the profile.

Manage Profiles 🛛 💀 🕵 🕂 📢 🖅 15:13	Manage Profiles 🛛 🐏 🏝 📢 🖅 15:13	Manage Profiles 🛛 💀 🏩 🎦 📢 🖅 15:14	Manage Profiles 🛛 💀 🏩 🎦 📢 🖅 15:14
Profile Name	Profile Name	Profile Name	Profile Name
Pradumex	Produmex	Pradumex	Produmex
Wireless LAN Profile Entry 🛛 🗙	Wireless LAN Profile Entry 🛛 🗙	Wireless LAN Profile Entry 🛛 🗙 🗙	Wireless LAN Profile Entry 🛛 🗙 🗙
Profile Name: Produmex ESSID: Produmex 1 of 9 <u>Cancel < Back Next ></u>	Operating Mode: infrastructure	Security Mode: MPA2 - Personal Authentication Type: None 3 of 9 Cancel < Back Next >	Fast Roaming Options: Allow Cisco CCKM ✓ Allow Symbol HFSR 4 of 9 <u>Cancel</u> < <u>Back</u> <u>Next</u> ≥
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Profile Name	Profile Name	Profile Name	Profile Name	
Produmex	Pradumex	Produmex	Pradumex	
Wireless LAN Profile Entry 🛛 🗙 🗙	Wireless LAN Profile Entry 🛛 🗙	Wireless LAN Profile Entry 🛛 🗙	Wireless LAN Profile Entry 🛛 🗙 🗙	
Encryption AE5 Type: Allow Mixed Mode Enter Preshared Key (PSK) using: For added security - Mask characters entered S of 9 Cancel < Back Next >	AE5 P5K: Enter 8-63 characters Key ••••••••• 9 Confirm •••••••• 9 Status Key & Confirm Key Fields Match! 6 of 9 <u>Cancel < Back</u> <u>Next ></u>	IPv4 Address Type: Dobtain Device IP Address Automatically Dobtain DNS Address Automatically Dobtain WIN5 Address Automatically 7 of 9 <u>Cancel < Back</u> <u>Next ></u>	Battery Usage Mode: CAM Fast Power Save MAX Power Save B of 9 Cancel < Back Next >	
2	* =	2	2 =	

Manage Profiles 🛛 🔁 🐔 📢 🖅 15:16
Profile Name
Produmes
Wireless LAN Profile Entry 🛛 🗙
Performance Settings:
Optimize for Data
Optimize for Voice
9 of 9 Canoel < Back Save
=

To save the profile to the fixed menu of the device, press Manage Profiles on the Fusion Launcher screen. Tap on the profile and select the 'Export' option. Select the destination folder and press *Save*.



1.2. Example: Honeywell Dolphin 60

Press the WLAN SWC icon 🖲 and go to the 'Config' tab. Press the 'New' button to establish a new connection. Fill in the required parameters and tap OK.

Then select the profile from the list and tap 'Activate'. The device tries to connect to the network according to the entered parameters.



2. Scanning settings

The following scanning configurations are necessary in order to use Produmex Scan properly:

- Configure to send TAB after each scanning.
- Set the used barcode prefix and suffix on the device and in Produmex Scan Scanning tab of Produmex Scan Settings in SAP Business One. In the example we set '(' as the prefix and ')' as the suffix.
- If you are using GS1-128 barcodes, define further scanning configurations on Produmex Scan Settings in SAP Business One. On the Produmex Scan Scanning tab set the following:
- Add the group separator character for GS1-128 type barcodes as the 'GS1-128 barcode group separator'. In the example we set '\$' as the group separator. Please note: Hidden characters are not supported.
- Define the 'CodelD' type. Please note: Currently only 'Symbol' is supported.

Produmex Scan Settings	
General SQL Logs Reports Produmex Scan General Produmex Scan Scanning Produmex Scan	Picking Produmex Scan Strategies
Item code or item barcode must be scanned for Sales Order	
Item code or item barcode must be scanned during Picking	
Prefill quantities for Goods Receipt PO	None 🔻
Prefill quantities for Stock Transfer Request	None
Prefill quantities for Picking	None
Prefill quantities for Issue for Production	None 🔻
Prefill quantities for Receipt from Production	None 🔻
Prefill quantities for Return Components	None 🔻
Prefill unique batches (outgoing processes)	
Prefill unique batches for Stock Counting	
Post the corresponding quantity when scanning item barcode in quantity field	
Barcode scanner prefix	(
Barcode scanner suffix)
G51-128 barcode group separator	\$
Code ID type	None
High selecting receipers non-time stocks screen (obtgoing processes)	
Allow selecting batches from Find Stocks screen (outgoing processes)	
Optimized mixed serial/bin handling (Goods Receipt PO, Stock Transfer Request)	

2.1. Example: Zebra MC67NA

Open DataWedge, for example from Start > Settings > System> DataWedge.



Tap Basic configuration then press Basic Format.

Settings 💽 🕵 📩 📢 🖽 14:48	DataWedge 🛛 💀 🕵 🛧 🗲 14:49
DataWedge v3.7	< (Profile0) > Home
Ready to capture	1. Scanner input
Running Start/stop DataWedge process	2. KeyStroke output
Basic configuration Profile0 with basic scanner	3. Basic format
Advanced configuration Multiple profiles & capture methods	4. About
© 2011-2014 Symbol Technologies, Inc.	0. Exit
🖅 📼 ок	📲 📼 🗙

To set the barcode prefix, press 'Prefix to data'. Add the prefix character on the next screen. In the example we set the '(' character as the prefix.

To set the barcode suffix, press 'Suffix to data'. Add the suffix character on the next screen. In the example we set the ')' character as the suffix.

In order to send TAB after each scanning enable the 'Send TAB key' setting. Make sure that the 'Send ENTER key' option is disabled.

DataWedge 🛛 💀 🕵 📥 🕂 🖅 🕹	DataWedge	- 🖽 와 🎦 🕇	(æ 14:50	DataWedge	🔤 🐏 🎦	€ Œ 14:51	DataWedge	🔁 📯 🖄 帐 🖸	₽ 14:53
Basic Back < format > Home	Back <	Basic format	> Home	Back <	Basic format	> Home	3. Suffix to da	ita	^
√ 1. Enabled	Prefix to data]]	4. Send data		—
2. Prefix to data	Press ENTER t	o save or tap (L Cancel	Press ENTER to	o save or tap	Cancel	Enabled 5. Send as he	x	
3. Suffix to data	Save	Cancel		Save	Cancel	1	Disabled √ 6. Send TAB k	key	-1
4. Send data Enabled	ouve	cuncer			cuncer	J	7. Send ENTE	R key	-+
Disabled							0. Back		
	11		×	4		×	4		×

2.2. Example: Honeywell Dolphin 60

On the main menu screen press the Scanwedge icon **main** and select 'Settings...'. Go to the Settings folder under Scanwedge.

					11:30
0	Monday, April 09, 2018	۵	Monday,	April 09, 2018	
•	8 : Off	•	😫 : Off		
0	Getting Started	0	Getting 5	itarted	
	No unread messages		No unread	messages	11
	No tasks		No tasks		1.1
=	No upcoming appointments	•	No upcomit	ng appointments	
Bin	9 👂	Bin	9	✓ <u>E</u> nable	P
ſ	Device unlocked	ſ	Device uni	<u>S</u> ettings	
				About	المرزر ال
6	a) 🖏 a) 🛄 🕃 📶 🔮	6) Calen	Egit	≗ <u>a</u> l © €

To set a barcode scanner prefix, select 'PrefixKeys', press 'Edit' then select 'Modify'. On the next window enter the ASCII code of the prefix character. In the example we set the '(' character as the prefix.



To set a barcode scanner suffix, select 'SuffixKeys', press 'Edit' then select 'Modify'. On the next window enter the ASCII key of the suffix character. **Make sure that you add TAB as the suffix after the selected suffix character as well.** Do not add TAB as the Barcode scanner suffix value in Produmex Scan Settings. In the example we set the ')' character as the suffix.



2.3. Example: Zebra MC32N0



3. Interchar delay

When running Produmex Scan through remote desktop connection, it is possible that the device sends characters so quickly through the remote connection that it causes incorrect character display.

In order to avoid this issue setup Interchar delay.

3.1. Example: Zebra MC67NA

Open DataWedge > Basic configuration > KeyStroke output > InterChar delay and add the value. The value for InterChar delay depends on the network speed and stability. You can find the the correct value by progressively increasing it until the communication is stable.

DataWedge 🛛 💀 📯 🏹 🐗 🖽 14:49	DataWedge 💿 몇+ 친 ◀€ Œ 14:54 DataWedge 💀 몇+ 친 ◀€ Œ 14:55
Basic < (Profile0) > Home	Back < KeyStroke > Home 🔒 Back < KeyStroke > Home
1. Scanner input	√ 1. Send as events InterChar delay
2. KeyStroke output	√ 2. Allow Escape chars
3. Basic format	3. InterChar delay below.
4. About	vi 4. Ignore word suggestion Save Cancel
0. Exit	5. Keymap
	6. Feedback
🤹 📼 🗙	

It is possible to set InterChar delay for a given scanning profile only. Open DataWedge > Advanced configuration > Profiles > Your profile > Output > KeyStroke > InterChar delay where 'Your profile' is the name of the given scanning profile. On the next screen add the value and press Save.

4. Setup for power usage (Recommended)

4.1 Automatic sleep mode

Open Power settings from Start>Settings>System>Power. Go the the Advanced tab. To set an interval, check the checkbox under 'On battery power' and choose an interval from the dropdown list (maximum 5 minutes).

To disable the automatic sleep mode, uncheck the box.

4.1.1. Example: Zebra MC67NA



4.1.2. Example: Honeywell Dolphin 60



4.2. Backlight

It is recommended to set the backlight with a timeout, because this is the main battery consumer.

4.2.1. Example: Zebra MC67NA

Open Backlight settings from Start>Settings>System>Backlight. Go to the *Battery Power* tab.

To set an interval, check the 'Disable backlight if device is not used for' checkbox and choose an interval from the dropdown list.



4.2.2. Example: Honeywell Dolphin 60

Open Backlight settings from Start>Settings>System>Backlight. Go to the Dim Backlight tab.

To set an interval, check the 'On Battery power, dim backlight if device is not used for' checkbox and choose an interval from the dropdown list.



Produmex Scan How-to Guides >

How to Set Up Remote Desktop Connection for Produmex Scan

1. Open the Remote Desktop Connection.

2. Fill in the User name and Password fields on the General tab.

3. Recommended step: Select *Full screen* and *Fit remote desktop to screen* options on the Display tab.

4. Select the *On the local computer* keyboard setting from the dropdown menu on the Local Resources tab.

5. On the Experience tab disable Themes.

6. Go back to the General tab and save the settings to the fixed memory.

Remote D	esktop Connec ? 🗙			
Gen. Disp	. Loc Res. Prog. Exp.			
Logon se	ettings Type the name of the computer, or choose from the drop-down list.			
Computer	: TerminalServer 💽			
User nam	e: user1			
Password	*****			
Domain:	DOMAIN			
Connection settings				
Save current settings, or open saved connection.				
Save As Open				





Produm	ex	_		×		
OK Cance						
Client o	onfigura	ation	paran	neters		
General Adv	/anced	Diagno	stics			
🔽 Don't Use	Built-in	OS But	tons			
Customiz	ation Ase	sist Moo	de			
Win. Layout	Des	ktop Fu	llscreer	ו 🔽		
Tester Mode						

Recommended steps:

7. Run the Produmex Scan Client.

8. Enable the *Don't Use Built-in OS Buttons* option and set the Windows layout to *Desktop Fullscreen* on the Advanced tab.

9. Click the OK button on the top of the screen.

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