System Requirements – Digital Barcode 8.7

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1   Web Server (RAP Service)

1.1   Hardware Requirements

Hardware Component	Minimum Requirement	Recommended
Processor (CPU)	2 GHz+	Multi-core 2 GHz+
Memory (RAM)	4 GB	6 GB+
Hard Drive	Standard	80 GB SATA2+
Network – Full Time Internet connection	100 Mbps	100/1000 Mbps

1.2   Software Requirements

Software Component	Supported	Recommended
Operating System	Windows Server 2008, 2008 R2, 2012, 2012 R2	Server 2008 R2 or above
Internet Information Services (IIS)	IIS 7*, 7.5*, 8.0*	IIS 7 and above
.NET Framework	.NET 3.5	.NET 3.5

*When using IIS 7 and above, the "IIS 6 Management Compatibility" features must be installed.

1.3   Notes

- The RAP service is not supported when running on Microsoft Exchange Server.
- The RAP service can be installed on the same server used for e-info, PublicAPI (PIP), and/or Remote Tech.
- Active Server Pages (ASP) and ASP.NET need to be enabled.
- The web server must be able to access the e-automate SQL server over TCP/IP.
- If the operating system is 64 bit then IIS needs to be configured to run 32 bit applications.
- Unlike other add-on products, such as PIP and e-info, the RAP service does not necessarily need to be publicly accessible.

2   Mobile Device/Scanner

2.1   Requirements

Component	Requirement
Operating System	Windows Mobile 5, 6, 6.1, 6.5
Processor	400MHz+
RAM	64MB+
Network*	Wireless Network Card
Screen†	QVGA (240x320) or VGA (480x640)
Scanner	Built-in or External (Bluetooth) Barcode Scanner • Support for Code 128 and Code 39 Symbologies • Support for Keyboard Emulation (See Below)

*An active network connection is not required for physical inventory and it can be synced and used offline. However all other features (PO Receiving, Sales Orders, Transfers) require an active network connection to the RAP server.

†Devices with square format screens (240x240 or 320x320) are not supported.

2.2   Recommendations

Style	Recommendations
Screen Only	Wasp WPA1000II
Screen with Numpad	Motorola MC45 Motorola MC55A0
Screen with Full Keypad	Motorola MC55N0 Motorola MC9190-G Motorola MC9500-K

2.3   Keyboard Emulation

In order for the Digital Barcode application to function barcodes need to be translated into simulated keyboard presses. This is common functionality included as part of most barcode scanners. In the case of built-in scanners, this will take the form of an application running in the background (e.g. for Motorola this is called either ScanWedge, or DataWedge).

2.4   Notes

- Many Mobile Computer manufacturers will often sell two versions of the same product, one with Windows Mobile and another with Windows CE. These two operating systems are not the same and Windows CE is not supported by Digital Barcode.
- Digital Barcode requires .NET Compact Framework 3.5 to be installed. The installer is provided in the Digital Barcode download in the event that it is not already installed.

3   Barcode Printer

3.1   Supported Formats

Label Format	Size (W x H, inches)	Custom Fields*
Avery 5160	2.625 x 1.0	2/1†
Avery 5163	4.0 x 2.0	3
Dymo LW 1 1/8" x 3 1/2"	3.5 x 1.125	2
Dymo LW 2 5/16" x 4"	4.0 x 2.313	3
Zebra 2x1	2.0 x 1.0	1
Zebra 4x2	4.0 x 2.0	3

*Serialized items will print a second label for the serial number and will provide extra fields.
†Avery 5160 Labels have two layout options.

3.2   Recommended Printers

Label Brand	Supported	Recommended
Avery	Any Laser Printer	N/A
Dymo	Any Dymo LabelWriter that supports the two label sizes listed	LabelWriter 450
Zebra	Any Zebra printer that supports the two label sizes listed	GX430t ZM400

3.3   Notes

- Many brands of label printers claim to be "Zebra compatible" and are in theory, but in practice they aren't 100% compatible. While it is possible to make some of these printers work by tweaking driver settings, we cannot provide support for these printers. Use of these printers is at your own risk.
- Support for label sizes other than those listed is provided only through a billable customization.