



## Pre-Installation Checklist

### Operating Systems\*

#### recommended

Windows Server 2012 R2  
Windows Server 2008 R2 (Core is not supported)  
Windows 8 (RT is not supported)  
Windows 7 (Professional, Enterprise, Ultimate)  
Windows 10

#### minimum

Windows Server 2012  
Windows Server 2008  
Windows 8.1 (RT is not supported)  
Windows Vista SP2 (Business, Enterprise, Ultimate)

*\* Only the latest Service Packs are supported for each Operating System version*

### Hardware Requirements\*

#### recommended

RAM: 8 or more GB  
VRAM: 512 MB  
Quad Core 2GHz or faster  
Disk Space: 4 GB or more

#### minimum

RAM: 4 GB  
VRAM: 128 MB  
Intel® Pentium® 2GHz or faster  
Disk Space: 2 GB

*\* Performance is directly related to hardware specs*

# Pre-Installation Checklist

## Video Card Requirements

### recommended

DirectX 9-capable video card running at 1024 x 768 or higher display resolution

Video RAM - Must be greater than or equal to 512 MB

Pixel shader - Version level must greater than or equal to 2.0

Vertex shader - Version level must greater than or equal to 2.0

Multi-texture units - Number of units must greater than or equal to 4

Graphics Card should support: Rendering Tier 2

Common graphics cards that support Rendering Tier 2:

- ATI - Radeon models: 9550, 9600, 9800, and X-series
- Intel - Intel GMA900 models: 915G; Intel GMA950 models: 945G
- NVidia - Geforce FX-series, 6xxx-series, and 7xxx-series

### minimum

DirectX 7-capable video card

Video RAM: Must be greater than or equal to 128 MB

Multi-texture units: Number of units must greater than or equal to 2

Graphics Card should support: Rendering Tier 1

Common graphics cards that support Rendering Tier 1:

- ATI - Radeon models: 256, 7000, 7500, 8500, 9000, 9100, 9200, and 9250
- Intel - Intel Extreme Graphics models: 845G, 845GE, 845GL, and 845GV; Intel Extreme Graphics II models: 852GME, 855GM, 855GME, 865G, and 865GV
- NVidia - GeForce 256; GeForce2 models: GTS, MX, MX100, MX200, MX400, Pro, Ti, and Ultra; GeForce3 models: Ti200 and Ti500; GeForce4 models: MX420, MX440, MX460, MX4000, Ti4200, Ti4400, Ti4600, & Ti4800

## Default Access Ports

bEST: 50808, 50809 (SSL)

FTP: 21

KMBS MFP: 59158, 59159 (SSL)

Printer (LPR): 515

Printer (RAW): 9100

SMTP: 25, 465 (SSL)

SEC Workflow Worker Process: Needs Outbound access based on configured workflow (e.g., 53, 80, 443, 25, 445, 465, 587)

Add-In Manager: Outbound 80 (HTTP), 443 (HTTPS)

*Third-party firewall applications, including some anti-virus software, may block ports that are used by Dispatcher Phoenix nodes. If a device fails to connect or mail fails to send, make sure that your firewall is not blocking the port.*

## Konica Minolta MFP Prerequisites

Dispatcher Phoenix workflows run on MFPs with graphical and native user interfaces.

- For graphical user interfaces, the i-Option (LK-101 or LK-101 v2) and additional memory are required.
- For native user interfaces, the i-Option and additional memory are NOT required.

## Compatible Devices\*

**bizhub family:** C754, C654, C220, C280, C35, C360, C451, C452, C550, C552, C650, C652, C364, C284, C224, C350, 160, 181, 223, 25, 283, 361, 363, 421, 423, 501, 552, 601, 652, 751, 42/36, 200, 250, 350, etc.

**bizhub PRESS:** C6000, C7000, C8000, etc.

**bizhub PRO:** 1052, 1250, 951, C5501, C6000L, C6501, etc.

**legacy secured:** bizhub Pro 920, bizhub Pro 1050, Konica 7145

**legacy standard:** Konica 7020, 7022, 7025, 7030, 7033, 7040, 7045, 7075, 7085, 7130, 7135, 7145, 7165, 7155, 7222, 7228, 7235, 7255, 7272.

\* Sample list only. Valid at time of writing and subject to change