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1 System Requirements

The following minimum requirements must be met:

- Pentium 4 processor
- 2 GB RAM
- Network board
- screen resolution of 1280 x 1024 pixels
- DVD-ROM drive
- Microsoft Windows XP
- disabled firewall
- disabled UAC (User Account Control)
- FTP server installed and activated
  Only required if CDI version 11 and below is used!
- Grapholas 7.5 on the CDI
- Grapholas 12.1 on the CDI for Full HD Flexo or Pixel+

The following configuration is recommended:

- Intel 7 processor
- 8 GB RAM
- Hard drives: 512 GB SSD
- 1 GB network board
- Microsoft Windows 7 - 64 bit
- disabled firewall and user account control (UAC)
- Grapholas 12.1 on the CDI

The index and file names may not include special characters, umlauts or spaces. An underscore "_" is the only permitted special character and can be used as a substitute for a space.
2 Installation

The installation must be carried out as administrator on the local computer (not domain). User rights are usually restricted when logged on to a domain.

After inserting the CD, the start screen is automatically displayed. If the start screen is not displayed, then start the "setup.exe" file in the root directory of the CD.

The installation starts with a selection of the installation directory and the dialog language which will also be used once the software has been installed:

An icon is automatically installed on the user interface and the files are copied into the installation directory:
The LEN or TIF files are stored in the "User data:" directory:

The "Digital Flexo Suite" type must be selected for a standard installation.

Finally, the "Station Information Service" is installed automatically:

The "Digital Flexo Suite" requires the "DFS service" which is automatically started along with Windows. The software can be found in the program subfolder "Esko - Digital Flexo Suites".

When an older software is updated, the computer must be restarted so that all programs can be updated.
3 Digital Flexo Suite Service

After the user login, the service for the "Digital Flexo Suite" is started automatically:

The following programs must be enabled:

- gravurd
- cmotsim
- cdid

The status of the "DFS Service" is shown in the Windows taskbar. Only in exceptional cases is the service disabled or faulty:

service started  service stopped  service faulty

In addition, an http server is installed on port 5580 as a service as of version 12.
4 FTP Server Installation

The FTP server only needs to be installed if the "Merger" is supposed to send data to a CDI on which Grapholas version 11 or below is installed.

For the "PlatePatcher" and the "Digital Flexo Suite for Film", this installation is not required.

4.1 Windows 8

"Desktop"

Move the mouse to the top right corner of the screen until the icons are displayed.
Move the mouse down to the “Settings” option.

“Control Panel” – installation as with Windows 7
4.2 Windows 7

"Control Panel"

"Programs"

"Turn Windows features on or off"

"Internet Information Services" 
"FTP Server" – "IIS Management Console"

"Control Panel"

"System and Security"
Digital Flexo Suite 12.1 - Installation

"Administrative Tools"

"Internet Information Services Manager"

"Content View"

"Add FTP Site …"

"FTP site name:" – "Physical path:"  
"Next"

"Start FTP site automatically"  
"No SSL" - "Next"
"Authentication: Anonymous"
"Authorization: All users"
"Permissions: READ/WRITE"
"Finish"

"Add Virtual Directory"

"Alias:" – "Physical path:" – "OK"
4.3 Windows Server 2008 R2

- "Control Panel"
- "Turn Windows features on or off"
- "Roles" / "Add Roles"
- "Server Roles" / "Web Server (IIS)"
- "Role Services" / "IIS Management Console" / "FTP Service"
- "Confirmation" / "Install"
"Internet Information Services Manager"  
"Sites" / "Content View" / "Add FTP Site"  

"C / D"

"Start FTP site automatically" / "No SSL"

"Authentication" ➔ "Anonymous"  
"Authorization" ➔ "Anonymous users"  
"Permissions" ➔ "Read + Write"

"Internet Information Services Manager"  
"D" / "Content View" / "Add Virtual Directory"

"C / D"

"D:\files ➔ D  
C:\files ➔ C"
4.4 Windows Server 2008

"Control Panel"

"Programs and Features"

"Turn Windows features on or off"

"Roles" / "Add Roles"

"Web Server (IIS)"

"IIS Management Console"
"IIS 6 Management Console"
"FTP Publishing Service"
Digital Flexo Suite 12.1 - Installation

- "Install"
- "FTP Publishing Service" Start "Preferences"
- "World Wide Web Publishing Service"
- "FTP Publishing Service"
- "Administrative Tools"
- "Internet Information Services 6.0 Manager"
Digital Flexo Suite 12.1 - Installation

"Default FTP Site"

"New" / "Virtual Directory"

D - "Next"

D:\ - "Next"

"Read" - "Write" - "Next"

"Finish"
4.5 Windows VISTA

- "Control Panel"
- "Programs"
- "Turn Windows features on or off"
- "FTP Management Console / FTP Server"
- "Control Panel"
- "System and Maintenance"
"Administrative Tools"

"IIS6 Manager"

"Default FTP Site"

"Action / New / Virtual Directory …"

"Next"

D - "Next"
Digital Flexo Suite 12.1 - Installation

- d:\ - "Next"
- "Read" / "Write" - "Next"

"Finish"
4.6 Windows XP / 2003 Server

In most cases, installing an FTP server requires the installation of additional components. These are installed as administrator with "Add/Remove Programs" in the Windows "Control Panel" using the "Add/Remove Windows Components" function. For the Windows 2003 Server, "Application Server" must first be selected and then "Details". Components can be selected by clicking on "Internet Information Services (IIS)" and "Details", selecting "File Transfer Protocol (FTP) Service" and then confirming with "OK".

The FTP server components must now be configured. Calling up the "Internet Information Services" under "Administrative Tools" in the "Control Panel" displays the following screen in which the "Default FTP Site" must be selected.

Under Windows 2000, the "Computer Management" is launched via "Administrative Tools" on the "Control Panel", followed by clicking twice on "Internet Information Service".

A drive can now be made available for FTP access via "Action" – "New" – "Virtual Directory". The drive with the directory "User data" is shown as "Alias" and "Path".
In the “Access Permissions” window, the read and write permissions must be assigned using “Read” and “Write”.

Digital Flexo Suite 12.1 - Installation
4.7 Setting the Firewall

For Windows XP and Windows Vista, the FTP server must be enabled explicitly. As of Windows 7, the firewall must be disabled completely.

4.7.1 Firewall under Windows XP, from SP2 or later

In the "Control Panel", open the "Windows Firewall" and in the "Advanced" section, mark the network that communicates with the CDI: