



KONICA MINOLTA

The essentials of imaging



IC-304 Plus – Colour, productivity, performance

In close cooperation Creo and Konica Minolta created the IC-304 Plus external print controller. Based on the Creo Color Servers technology the print controller was developed exclusively for Konica Minolta's digital colour production devices. Out-of-the-box colour and outstanding image quality, amazing ease of operation, an innovative feature set and powerful printing performance – with these characteristics the IC-304 Plus print controller is perfectly suited to the complex demands and varied requirements of any professional production environment.

➔ Basics

Equipped with the IC-304 Plus print controller the bizhub PRO C5501, bizhub PRO C6501, bizhub PRO C6501e/eP and bizhub PRO C65hc provide outstanding print quality, impressive media flexibility, comprehensive in-line finishing capabilities – meeting the challenges of professional high-speed digital colour printing with optimised workflow solutions and simply brilliant results. Supported by the IC-304 Plus Konica Minolta's digital colour production devices offer these key benefits and much more:

- Intuitive, easy-to-operate graphical user interface (GUI)
- Optimised workflow control with state-of-the-art software
- Market-leading colour and image quality
- Spot colour editor for full colour control and easy customisation
- Powerful Variable Data Printing (VDP) capabilities

➔ Highlights

Built-in VDP connectivity

The IC-304 Plus supports popular VDP applications and all leading industry formats. This facilitates and accelerates the flexible creation of fully individualised documents in superior colour quality. Element-based ripping in the IC-304 Plus means that each image, text or graphic element is individually ripped just once for repeated use as required. This speeds up the creation process and increases throughput.

Seamless offset connectivity

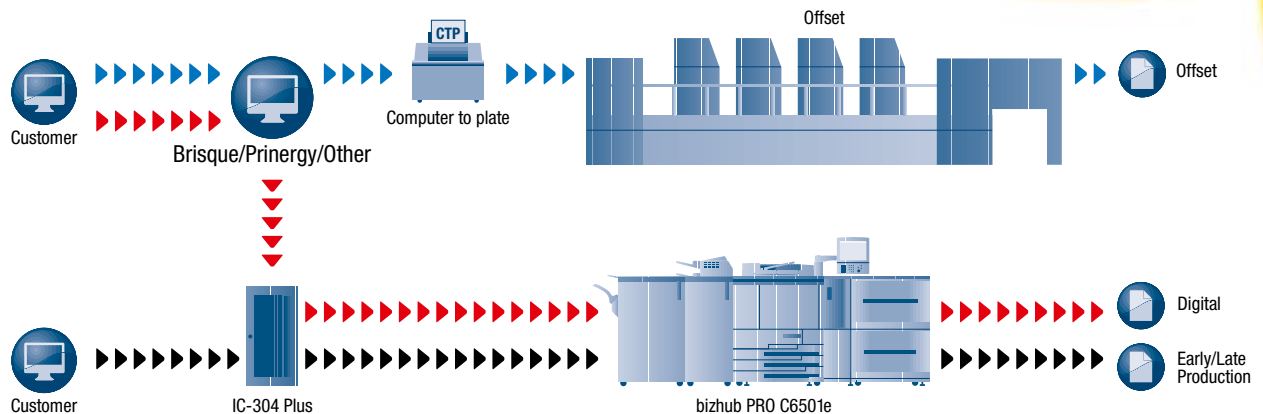
Supporting the CT/LW format as well as TIFF/TIFF-IT, the IC-304 Plus print controller fully integrates with workflow systems like Kodak Brisque and provides seamless connectivity to Kodak Prinergy, as well. Thanks to its complete integration with these high performance workflow systems the IC-304 Plus bridges the gap between the digital printing and offset machines.



→ Features

- High productivity with powerful hardware and software
- Automation through virtual printers and hot folders
- Save processing time through ready-to-print (RTP) format
- APR/OPI workflow – work with low-resolution images and apply the high resolution while printing
- Creo PODS's extensive set of postprocess features
- Easy setting of automated workflow for repeated processes and parameters
- Out-of-the-box colour and image quality
- Tailor-made to use the printer's maximum color gamut
- Built-in, customized, professional color management tools
- Trapping, image quality and smooth scale, text and line-art quality, GCR, color management tools
- Powerful VDP capabilities
- Simple to learn and operate
- Easy programming and defining of job parameters through the Creo PODS Print Driver from your client workstation – saves time and resources
- Multilanguage interface
- Hundreds of imposition templates that can be applied to different selected jobs
- Predefined set of default values for novice users
- Supports all finishers for bizhub PRO C5501, bizhub PRO C6501, bizhub PRO C6501e/eP and bizhub PRO C65hc printer
- Operates in both Windows and Macintosh environments
- Supports JDF (job definition format), enabling an automatic, error-free workflow; reduced operating costs; and improved quality.
- Supports Adobe Acrobat 7.0 Standard (PDF 1.6)
- Remote tools – graphic driver extension

→ Offset connectivity workflow



→ Specifications

Hardware

- Intel Core 2 Duo @ 3,0 GHz
- 1 GB system memory
- 1 GB image memory
- 250 GB SATA system and user disk
- 2x 250 GB SATA image disk space
- 10/100/1000 Ethernet network adapter
- DVD R/W

- EyeOne Spectrophotometer
- Keyboard and mouse
- 17" TFT LCD monitor

File Formats

- Adobe PostScript 3
- Native PDF
- EPS

- TIFF, TIFF/IT
- JPEG; CT/LW
- Creo Variable Print Specification (VPS)
- PPML

Client Environments

- Windows 2000/XP/NT 4.0/Server 2003
- Macintosh OS 9.x and 10.x

■ The support and availability of the listed specifications and functionalities varies depending on operating systems, applications, network protocols as well as network and system configurations.
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