



KONICA MINOLTA

Giving Shape to Ideas



# **bizhub 601 and bizhub 751**

Efficiency in black & white

**Office systems bizhub 601 and 751**

bizhub 601 and bizhub 751, office systems

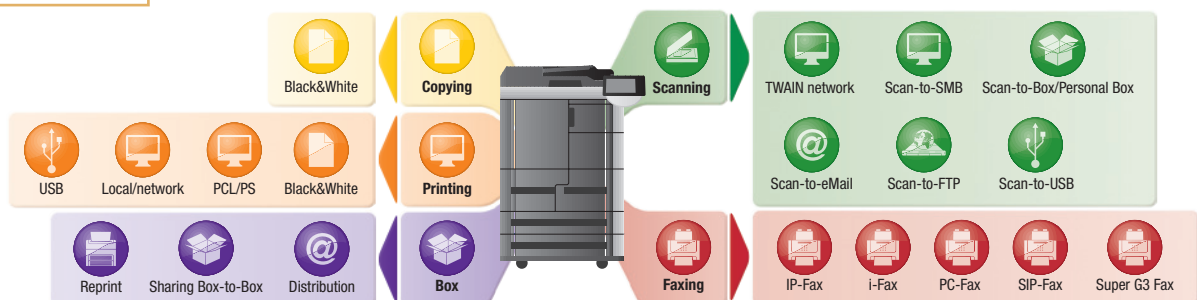


# Central to productivity & high volumes

With the bizhub 601 and bizhub 751, Konica Minolta presents two high-speed multifunctionals that perfectly fulfil the needs of CRDs and high-volume office locations: top productivity, high flexibility and absolute reliability. Both devices take advantage of Konica Minolta's state-of-the-art technology as the basis for their comprehensive and versatile reproduction capabilities.

- With printing speeds of 60 and 75 b/w pages per minute the bizhub 601 and 751 promise highly productive b/w printing and are perfectly suited for the production of extensive print and copy volumes. Their impressive media handling capabilities and versatile finishing choices make both ideal to enhance existing production facilities in corporate office environments and central in-house print rooms.
- The use of Simitri® toner on the bizhub 601/751 guarantees an excellent image quality while saving valuable energy. Konica Minolta's advanced Simitri® polymerised toner enables fixing at lower temperatures, which means less energy consumption and is kinder to the environment.
- Whatever communication is required, the bizhub 601/751 are ready to print, copy, scan and fax – and they offer highest convenience for each and every task. Their optional Emperon™ controller provides full network compatibility and ensures the systems' seamless integration into any IT infrastructure. Featuring Konica Minolta's innovative InfoLine design with operation via a generously sized touch panel, the bizhub 601/751 perfectly complement the advanced bizhub product line up.
- Users of the bizhub 601/751 gain the benefits of Konica Minolta's "skills to win" – both offer comprehensive communication capabilities in a single device, feature latest technology and advanced software applications, provide above-their-class quality and are entirely eco-friendly in their performance.

## → Workflow options





# Central device management

With Konica Minolta's array of administration and management software tools administrators and users save time, gain flexibility and enjoy independence. Output devices run more smoothly, and the overall efficiency of the CRD or departmental printing facility is considerably increased.

## → PS Data Administrator

Streamlining account and data management, the PageScope Data Administrator offers convenience for the downloading of user data from an LDAP compliant eMail server, or copying e.g. address books and authentication data from one device to another.

## → PageScope Enterprise Suite

This efficient software suite gives administrators a full monitoring and management application that provides complete access to all user- and device-related information from a central server platform. The PageScope Enterprise Suite comprises:

- The **PageScope Net Care Device Manager** for the central implementation of system network configurations and central status monitoring
- The **PageScope Authentication Manager** for central management of the user database and user rights
- The **PageScope Account Manager** for the central collection of detailed counter readings and the ensuing cost calculation
- The **PageScope MyPanel Manager** for the individual creation of central user profiles, personalised address books and scan destinations

## → Configurations



## → Security and access control

Authentication allows limiting access to the bizhub 601/751 to authorised users, with innovative finger vein authentication and non-contact IC cards. A comprehensive security functionality is also standard on bizhub 601/751, with all these capabilities assuring their certification to ISO 15408 EAL3.

## → CS Remote Care

Pro-active and highly flexible service support is ensured with CS Remote Care. Konica Minolta's remote monitoring application helps to keep the bizhub 601/751 running smoothly, minimising interruptions and maximising system availability. All relevant system data are transmitted directly to the Konica Minolta service in an automated process that never needs user intervention.

## → Customised workflows

Konica Minolta's unique **bizhub open API technology** offers a unified platform for seamless integration of 3rd party software. On this basis customised workflows for highly individual applications can be created quickly and with minimal effort.

**bizhub 601**  
**bizhub 751**



# Full focus on central performance ...

As true multifunctionals bizhub 601 and bizhub 751 hold their own in any situation – whether installed for central production in a corporate office environment or as high-volume b/w devices in a CRD or in-house print room.

## ... in the office

These systems impress with powerful features and high versatility and are fully competent to take care of all b/w production needs arising in large offices and busy departments.

### → Productive printing, copying

Printing and copying with the bizhub 601/751 is straightforward and productive. Special functions offer users enhanced creativity and flexibility to produce an extensive variety of materials. Also as copiers the bizhub 601/751 provide every user comfort, including fully automatic copying – the system determines the correct paper size and tray. Special features make operation more convenient; for example mixed size originals are processed automatically and reproduced according to the user's wishes.

### → Advanced box functionality

Konica Minolta's unique User Box approach makes the storing and managing of information on the bizhub 601/751's internal hard disc truly efficient, facilitating for example the sharing of scanned, printed, copied and faxed documents. Up to 1,000 user boxes can be set up with flexible access rights and boxes defined as public, for group use or private.



### → Efficient scanning and faxing

As an integral part of today's communication in the office, scanning streamlines the distribution and sharing of information. With the bizhub 601 and 751, high-speed scanning is possible to eMail, FTP, SMB and user box, covers the scan formats multi-page PDF, XPS and TIFF and also includes TWAIN scan.

In many situations, communication by fax is still the most efficient way to get the message across. For this purpose bizhub 601/751 are equipped with generous fax capabilities, including Digital Fax and Digital Store, Internet Fax and IP Fax. Various security features make confidential fax communication reliably safe.



# ... in the CRD

Devices in central locations need to deliver – and the bizhub 601/751 provide perfect support to avoid bottlenecks in busy print rooms and CRDs that work to capacity.

## ➔ Powerful printing

Thanks to the powerful Emperon™ controller the bizhub 601 and bizhub 751 impress with an advanced print functionality that focuses on the fully automatic production of the most diverse documents. An array of special features increases the overall printing flexibility and enhances user creativity. Individual per-page settings for example allow combining mixed media on page level in one job.

## ➔ Flexible finishing choices

Versatile finishing options round off the bizhub 601/751's impressive capabilities. Features like overlay, mixplex, mixmedia, cover & inter sheet, chapter and poster mode make the automated production of reports, handbooks, leaflets and more a breeze. The optional booklet finisher enables the online production of folded and centre-stapled booklets. Finishing also includes automatic stapling, punching – perfect for manuals, reports and extensive documentation – Z-folding, and the letter-folding mode for time-saving automatic folding of invoices, mailings and other letters. The one-shot production of comprehensive documents e.g. with coloured covers is available with the post-insert: pre-printed (colour) materials can be automatically inserted into a document as this is printed on the bizhub 601/751.

## ➔ Professional media handling

The bizhub 601 and 751 impress with their comprehensive paper handling capabilities; and with a paper supply of up to 7,600 sheets are suitably equipped for continuous high-volume printing. A maximum of 6 paper sources allows combining up to 6 different types of media in one job. Paper processing includes sizes A6 to A3+ and thick paper of up to 200 gsm. Paper and toner refill on-the-fly keep stand-stills to a minimum.

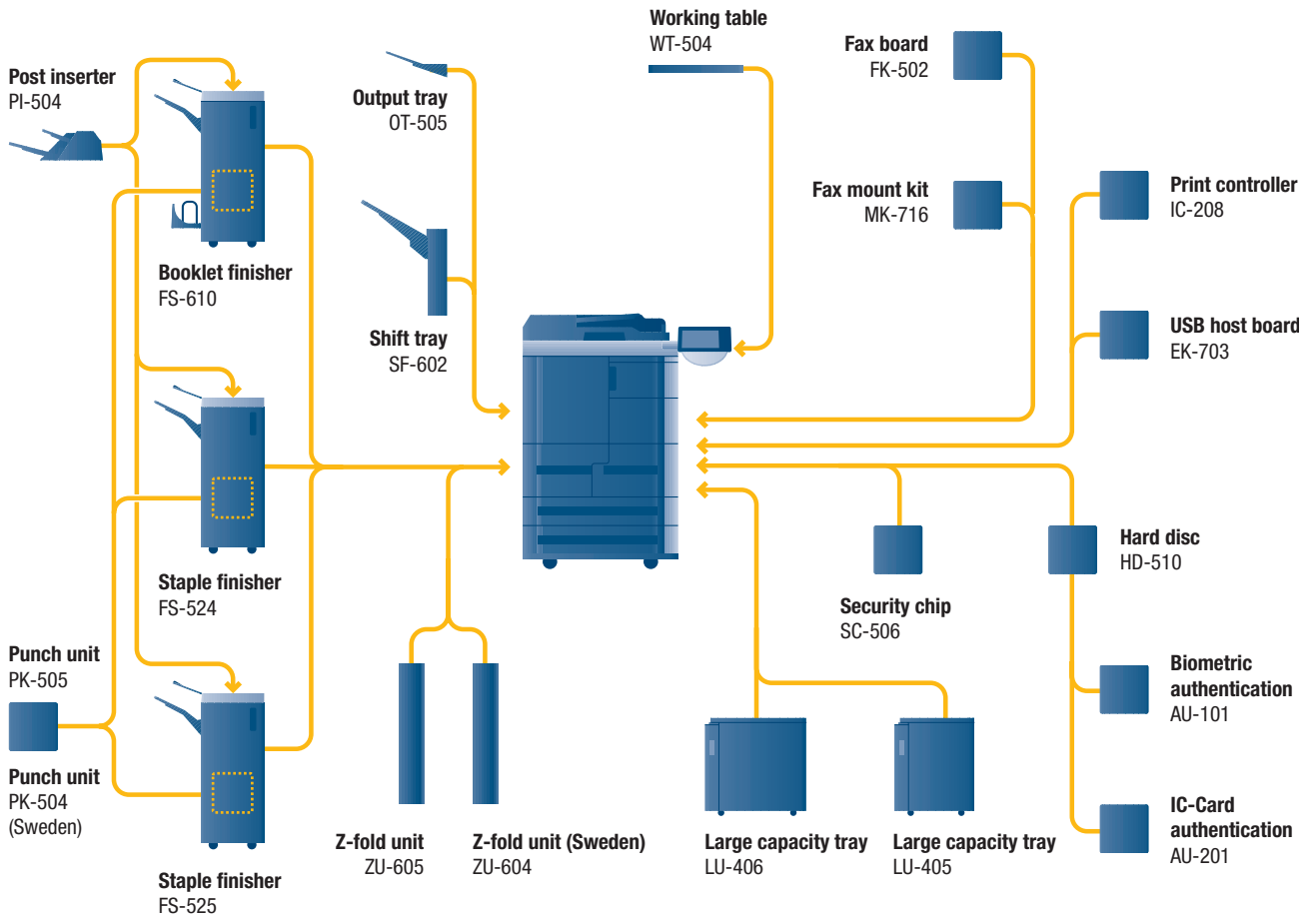


## ➔ Valuable barcode printing support

An essential application for any business that needs to process complex information in a minimum of time, BENS barcode printing improves workflows by enabling companies to switch to barcode labelling. With BENS, simple and straightforward barcode printing support is available also for the bizhub 601/751.

**The bizhub 601/751's unflinching performance combines productivity with absolute reliability and flexible multi-tasking capabilities that ensure the smooth and streamlined processing of each and every job in a minimum of time. Especially businesses with an extensive throughput of goods and the corresponding logistics challenge depend on barcode printing to simplify and streamline their operations.**

## ➔ Option diagram & descriptions



**bizhub 601 Basic system**  
**bizhub 751 Basic system**

High performance 60/75 ppm b/w output stations including 100 sheets automatic document feeder, 3,600 sheets standard paper capacity (A5–A3+, 50–200 gsm), 1 GB memory and 1,000-Base-T Ethernet connection

<b>FS-610 Booklet finisher</b>	20 sheets booklet, 50 sheet staple finishing
<b>PI-504 Post inserter</b>	Cover insertion 2x trays
<b>FS-524 Staple finisher</b>	Max. 3,200 sheets, 50 sheet stapling
<b>FS-525 Staple finisher</b>	Max. 3,200 sheets, 100 sheet stapling
<b>ZU-605 Z-fold unit</b>	Z-fold for A4 and A3, punching inclusive
<b>ZU-604 Z-fold unit (Sweden)</b>	Z-fold for A4 and A3, punching inclusive
<b>LU-405 Large capacity tray</b>	A4, 4,000 sheets, 60–200 gsm
<b>LU-406 Large capacity tray</b>	A4–A3+, 4,000 sheets, 60–200 gsm
<b>SC-506 Security chip</b>	HDD data encryption
<b>AU-201</b>	
<b>IC-Card authentication</b>	Contactless IC-Card reader

**AU-101**

<b>Biometric authentication</b>	Finger vein scanner
<b>HD-510 Hard disc</b>	80 GB, Box function, XPS scan, i-Option, direct print, authentication devices, i-Fax, IP-Fax, RightFax
<b>EM-312 Extended memory</b>	1 GB memory extension required for i-Option
<b>EK-703 USB host board</b>	USB print interface
<b>IC-208 Print controller</b>	PCL 5e/6 and PS3 printing
<b>MK-716 Fax mount kit</b>	I/F kit for FK-502
<b>FK-502 Fax board</b>	Super G3 fax
<b>WT-504 Working table</b>	Authentication device placement
<b>OT-505 Output tray</b>	Used instead of finisher, max. 150 sheets
<b>SF-602 Shift tray</b>	Shifts/stacks, max. 1,250 sheets

## ➔ Finishing options



2-point stapling

four-hole punching

two-hole punching

colour sheet insertion, booklet

mixmedia white/colour sheets from different trays

mixplex one/two sided - during operation

letter fold in

booklet (folding and stapling)

z-fold

## → Technical specifications

### ■ Copier specifications

<b>Copying process</b>	Electrophotographic laser
<b>Toner system</b>	Simitri®- polymerised toner
<b>Copy/print speed A4</b>	Up to 60 cpm (bizhub 601) Up to 75 cpm (bizhub 751)
<b>Copy/print speed A3</b>	Up to 35 cpm (bizhub 601) Up to 43 cpm (bizhub 751)
<b>Autoduplex speed A4</b>	Up to 60 cpm (bizhub 601) Up to 75 cpm (bizhub 751)
<b>1st Copy/print time (A4)</b>	3.3 sec (bizhub 601) 2.9 sec (bizhub 751)
<b>Warm-up time</b>	Approx. 270 sec (bizhub 601) Approx. 300 sec (bizhub 751)
<b>Copy resolution</b>	1,200 x 600 dpi
<b>Gradation</b>	256 gradations
<b>Multi-copy</b>	1–9999; interruption mode
<b>Original format</b>	A5–A3
<b>Magnification</b>	25–400% in 0.1% steps; Autozooming
<b>Copy functions</b>	Chapter; Cover and page insertion; Book copy; Image repeat; Proof copy; Job Recall; Job setting memory; Overlay; Stamping

### ■ Printer specifications (optional)

<b>Print resolution</b>	Equivalent to 2,400 x 600 dpi
<b>Controller CPU</b>	Celeron-M @ 1 GHz 32 BIT
<b>Page description language</b>	PCL5e/6; PostScript 3
<b>Operating systems</b>	Windows 2000/XP/XP64; Windows VISTA 32/64; Windows VISTA DPWS support; Windows Server 2000/2003/2003 x64 Macintosh 9.x/10.x Unix/Linux/Citrix
<b>Printer fonts</b>	80x PCL Latin 137x PostScript 3 Emulation Latin
<b>Print functions</b>	Direct print of TXT, PCL, PS, TIFF, XPS*; PDF and Encrypted PDF files (optional); Print from USB memory*; Mixmedia and mixplex; Job programming "Easy Set"; Overlay; Watermark

### ■ Scanner specifications

<b>Scan speed</b>	Up to 75 opm (300 dpi via ADF) Up to 75 opm (600 dpi via ADF)
<b>Scan resolution</b>	Max.: 600 x 600 dpi
<b>Scan modes</b>	Network TWAIN scan*; Scan-to-eMail; Scan-to-FTP; Scan-to-SMB; Scan-to-Box*; Scan-to-DPWS; Scan-to-USB; Scan-to-WebDAV
<b>File formats</b>	PDF, TIFF, XPS*, Encrypted PDF
<b>Scan destinations</b>	1,000 (2,000 with optional hard disc), LDAP support
<b>Scan functions</b>	Annotation (text/time/date) for PDF; Up to 400 job programs

### ■ Fax specifications (optional)

<b>Fax standard</b>	Super G3
<b>Fax transmission</b>	Analogue, i-Fax*, IP-Fax*, SIP-Fax*
<b>Fax resolution</b>	Max.: 600 x 600 dpi (ultra-fine)
<b>Fax compression</b>	MH, MR, MMR, JBIG
<b>Fax modem</b>	Up to 33.6 Kbps
<b>Fax destinations</b>	1,000 (2,000 with optional hard disk)
<b>Fax functions</b>	Polling; Time shift; PC-Fax; Receipt to confidential box*; Receipt to eMail, FTP, SMB

### ■ User box specification (optional)

<b>Max. user boxes</b>	1,000
<b>Max. storable documents</b>	Up to 3,000 documents or 10,000 pages
<b>Type of user boxes</b>	Public; Personal (with password or authentication); Group (with authentication)
<b>Type of system boxes</b>	Secure print; Encrypted PDF print; Fax receiving; Fax polling
<b>User box functionality</b>	Reprint; Combination; Download; Sending (eMail, FTP, SMB and Fax); Copy box to box

### ■ System specifications

<b>System memory</b>	1 GB
<b>System hard disc (optional)</b>	80 GB
<b>Interface</b>	10-Base-T/100-Base-T/1,000-Base-T Ethernet; USB 2.0 (optional)
<b>Network protocols</b>	TCP/IP; IPX/SPX; NetBEUI; AppleTalk (EtherTalk); SMB; LPD; IPP; SNMP; HTTP
<b>Frame types</b>	Ethernet 802.2; Ethernet 802.3; Ethernet II; Ethernet SNAP
<b>Automatic document feeder</b>	Up to 100 originals; A5–A3; 50–200 gsm
<b>Paper size</b>	A6–A3+; Customised paper sizes
<b>Paper weight</b>	50–200 gsm
<b>Paper input capacity</b>	Standard: 3,600 sheets; Max.: 7,600 sheets
<b>Tray 1</b>	500 sheets; A5–A3; 60–200 gsm
<b>Tray 2</b>	500 sheets; A5–A3; 60–200 gsm
<b>Tray 3</b>	1,500 sheets; A4; 60–200 gsm
<b>Tray 4</b>	1,000 sheets; A4; 60–200 gsm
<b>Manual Bypass</b>	100 sheets; A6–A3+, 50–200 gsm
<b>Large Capacity Cabinet (optional)</b>	4,000 sheets; A4; 60–200 gsm
<b>Large Capacity Cabinet (optional)</b>	4,000 sheets; A4–A3+; 60–200 gsm
<b>Automatic duplexing</b>	A5–A3+; 60–200 gsm
<b>Finishing modes (optional)</b>	Offset, Group, Sort, Staple, Punch, Centre-fold, Booklet, Letter-fold, Z-fold
<b>Output capacity (w. finisher)</b>	Max. 3,200 sheets
<b>Output capacity (w/o finisher)</b>	Max. 150 sheets
<b>Stapling capacity</b>	Up to 100 sheets
<b>Copy/print volume (monthly)</b>	Rec. 40–70,000 Max. 300,000 (bizhub 601) Rec. 60–90,000 Max. 300,000 (bizhub 751)
<b>Toner life</b>	55k
<b>Drum/Developer life</b>	500k/250k
<b>Power consumption</b>	220-240 V / 50-60Hz; Less than 2.0 KW (system)
<b>System dimensions (W x D x H, mm)</b>	886 x 859 x 1140
<b>System weight</b>	Approx. 224 kg

### ■ System features

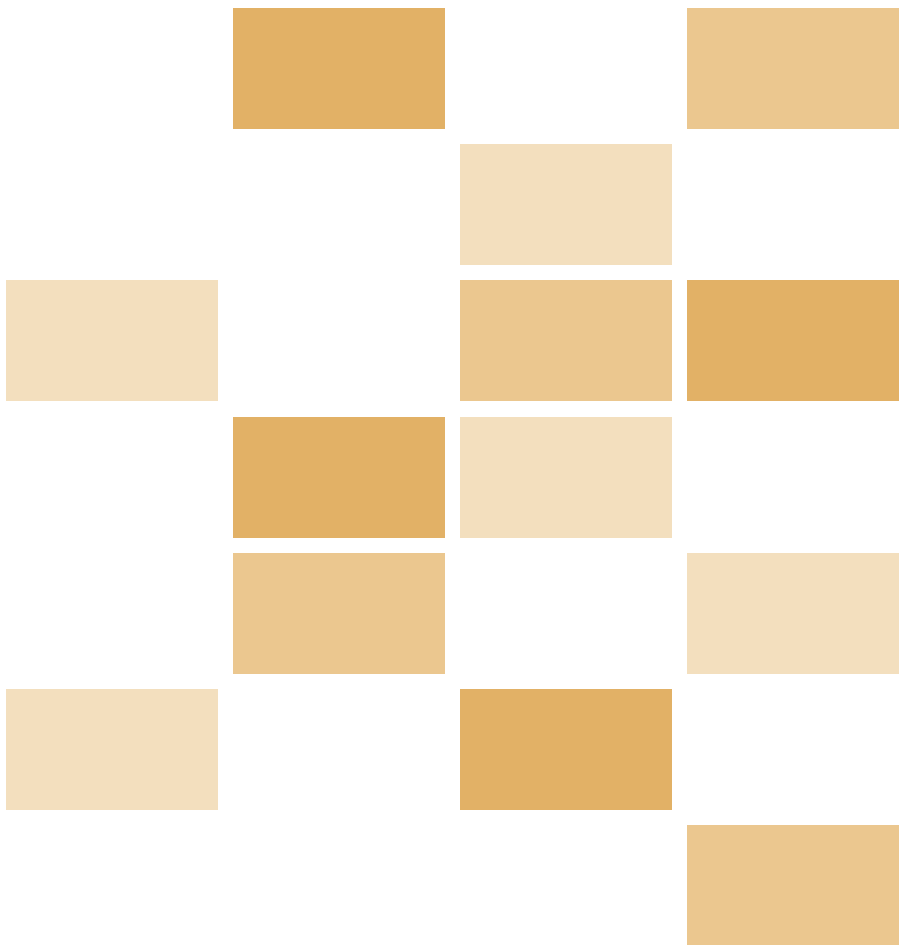
<b>Security</b>	ISO15408 EAL3 (in evaluation); IP filtering and port blocking; SSL2, SSL3 and TSL1.0 network communication; IPsec support; User authentication; Authentication log; Secure Print; Hard disc overwrite (8 standard types); Hard disc data encryption (optional); Memory data auto deletion; Confidential fax receiving; Encrypted print user data
<b>Accounting</b>	Up to 1,000 User Accounts Active Directory support (user name + password) User function access definition Biometric Authentication (finger vein) optional IC Card reader (optional)
<b>Software</b>	PageScope Net Care; PageScope Data Administrator; PageScope Box Operator; PageScope Workware (Trial); Direct Print Utility; Print Status Notifier; Log Management Utility; Driver Packaging Utility

\* requires optional hard disc



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Simitri



- All specifications relating to paper capacity refer to A4-size paper of 80 gsm quality.
- All specifications relating to scanning, copying or printing speeds refer to A4-size paper that is scanned, copied or printed crosswise in multipage, simplex mode.
- 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.
- The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5 % coverage of A4). The actual consumables life will vary depending on the use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.
- Some of the product illustrations contain optional accessories.
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