

**TOSHIBA**  
Leading Innovation >>>

- > Color MFP
- > 45 PPM Color
- > Medium Workgroup
- > Copy, Print, Scan, Fax
- > Secure MFP
- > Eco Features

**e-STUDIO™ 4540CG**



# Color from Toshiba is more versatile than ever.

The e-STUDIO4540CG from Toshiba bring mid-volume workgroups impressive color and high-volume black and white, including copy, print, scan and fax capabilities. Now, thanks to the integration of the new generation e-BRIDGE platform, features can be added later—similar to the way apps are added to smart phones. This platform also provides increased security, connectivity, manageability and energy savings. Yet another technological advancement from Toshiba.

## **This changes everything**

Since today's MFPs are also used as IT devices, the new e-BRIDGE controller provides seamless compatibility with networks and management systems. Administrators can quickly and easily perform initial settings as well as various management tasks throughout the system on multiple devices. They can also perform tasks that previously required a service technician like installing multiple systems, upgrading software using patches, cloning, and changing settings. e-BRIDGE allows for seamless integration with core business applications to streamline workflows. It allows you to keep up with changing technology, too. As new applications for advanced features and functions are developed, they can simply be added on.

## **Performance you've come to expect**

The e-STUDIO4540CG offers high-speed color and black and white at speeds up to 45 pages per minute. Image quality meets Toshiba's standard of excellence, above and beyond the typical industry standard. Add to that robust paper handling, Gigabit connectivity, network scanning and printing, an optional dual-line, high-volume Super Group 3 fax, and the ability to perform a multitude of tasks without interruption. Not to mention advanced security features, increased energy efficiency, and enhanced connectivity.



- > New e-BRIDGE Platform
- > Capacity For New Apps
- > Increased Security
- > Greater Connectivity
- > Easier Fleet Management
- > Exceptionally Crisp Output
- > Improved Energy Efficiency



# Multiple functions, innumerable benefits.

Never before have we been able to offer so much in an MFP. What was once out of the realm of possibility for busy general offices is now readily available. The e-STUDIO4540CG makes business color more versatile than ever. New features and benefits are not only impressive but also unprecedented.

- > 8.5" Control Panel
- > Network Print/Scan
- > Template Feature Keys
- > Gigabit Connectivity
- > Remote Management



**e-STUDIO™ 4540CG**

- > 12" x 47" Banner Printing
- > Job Skip/Print Standby
- > Universal Print Driver
- > Standard Tandem Printing
- > Cluster Printing

### Finishing Options

Finisher options include a 50-sheet multi-position stapling finisher or saddle-stitched finisher for booklets up to 60 pages as well as a hanging finisher that staples 50 sheets and holds up to 1000 pages.

### Network Scanning

Capture one or two sided originals at speeds up to 57 images per minute for monochrome or color, while the scanner detects the size of the original, determines whether it's in color or black and white, the Automatic Paper Selection chooses the proper paper size for output.

### EFI Fiery Controller

An optional Fiery server includes innovative new features like EFI ColorWise, EFI WebTools and LDAP support as well as tight integration with several new proprietary Toshiba technologies.

### The e-BRIDGE Replicator

When installed as an option, you can easily output vouchers and invoices using normal copy paper from one drawer and colored copy paper from another for duplicate copies. This is a more economical solution to pre-printed multi-part forms.

### Improved Connectivity and Compatibility

An administrator can easily connect with multiple networks and their management systems.

### Universal Printer Driver

You can print on any current e-STUDIO series model without adding another driver and settings are easily applied to multiple PCs.

### Cluster Printing

An optional e-BRIDGE Job Point commands the distribution of print jobs of up to ten e-STUDIO models linked by a network.

### Increased Capacity

Two 550-sheet universal cassettes come standard, and two 550-sheet cassettes can be added as well as a 2,500-sheet tandem feeder. Using a 100-sheet bypass, the total capacity is 3,700 sheets from 4 different paper sources.

### Banner Printing

You can print impressive full color banners, posters and signs up to 12" by 47".



### Cloud Connections

With cloud connection capability, you can scan-to and access documents stored in popular cloud based collaboration services such as Google Docs. Using Toshiba's Advanced Scanning technology, documents can be scanned and stored in modifiable formats such as Microsoft Word and Excel for the utmost in mobile user productivity.

### Plug-in Features

PDF/A features, customized features and the like can be added quickly by simply plugging them in.

### Easily Replaceable Units

Restore operation quickly with easily replaceable maintenance units.

### Job Skip

A job in standby mode can begin printing ahead of a job that has been halted because a certain paper size has run out.

# Industry leaders, managed print experts.

In addition to improved functionality, connectivity, and solutions readiness, the new e-STUDIO4540CG allows for increased security, energy savings, and manageability. While our previous MFPs were excellent in those categories, at Toshiba, we don't simply settle for excellence.

## secureMFP™

### More secure than ever

A higher level of security is achieved in several ways, including more administrator control with simple operation of advanced features. A Hard Disk AES Encryption feature and Data Overwrite come standard, and permit a security mode which complies with IEEE 2600.1—the highest security level of its kind. In fact, data remains secure even if the hard drive is stolen. Other top security features include a secure PDF encryption feature with up to 128-bit AES, IP/MAC address filtering, Role Based Access Control, an SNMPv3 protocol for enhanced security administration, and an optional IPSec protocol.



### Doing more for our planet

Toshiba has always worked hard to keep environmental impact to a minimum, developing many of the world's leading technologies to conserve energy and protect the environment. The e-STUDIO4540CG is proof of that. A dramatic reduction in power consumption during the sleep mode—down to 5W—has been achieved, as well as an overall reduction of power by as much as 40%. The new design incorporates 30% recycled plastics, which is part of the reason there has been an impressive reduction in carbon dioxide. This new line of MFPs also qualifies for Energy Star Tier 2 compliance.



### Your Managed Print Experts

The e-STUDIO4540CG puts far more control in your hands. If you'd like to optimize your entire fleet of MFPs, copiers and printers, turn to our Managed Print Experts. We can help you find ways to control costs and save up to 40% on your document output expenses. Learn how to print smarter using rules-based network printing that allows you to set printing parameters such as size, volume and color restrictions. We'll also analyze your entire document fleet to find points of vulnerability and develop the best security plan for your business. In short, you can save money and the environment while working smarter and more securely, thanks to Toshiba's Managed Print Experts.



- > Enhanced Standard Security Features
- > Secure PDF
- > Standard Data Overwrite
- > Power Usage Reduction
- > Energy Star Tier 2





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**Specifications**

Copying Process	4-Drum Electrostatic Photographic Transfer System with Internal Transfer Belt
Copying Type	4-Beam Color Laser (8 bit)
Copy/Print Resolution	600 x 600 dpi (2,400 x 600 dpi B&W)
Copy/Print Speed	45 PPM Color / B&W
Warm-Up Time	Approx. 99 Seconds (4540c - 160 Seconds)
First Copy Out Time	6.8 Seconds Color / 5.3 Seconds B&W
Duty Cycle	70K Copies
Multiple Copying	Up to 999 Copies
Acceptable Paper Size and Weight	Cassette: ST-R to LD (17 lb Bond - 140 lb Index) Bypass: ST-R to 12" x 47" (17 lb Bond - 100 lb Cover) PPF: ST-R to LD (17 lb Bond - 140 lb Index) LCF: LT (17 lb - 28 lb Bond)
Memory (Max)	Main Memory: 1 GB Page Memory: 512 MB HD: 80 + GB
Reduction/Enlargement	25% to 400%
Bypass	100-Sheet "Smart" Bypass (17 lb Bond - 100 lb Cover)
Control Panel	Color 8.5" WVGA Tiltable LCD Touch Panel
Paper Supply	Up to 3,700-Sheet Input Capacity Standard 2 x 550-Sheet Cassettes 100-Sheet Bypass Optional 1 x 550-Sheet PFP, 1 x 550-Sheet Cassette 1 x 2,500-Sheet LCF
Duplex	Standard Trayless Automatic Duplex Unit (17 lb Bond - 140 lb Index)
Dimensions	Approx. 30" x 28" x 29" (W x D x H)
Weight	Approx. 267 lb
Minimum Footprint Req.	39.53" x 28.31" (W x D)
CMYK Toner Yield	CMY: 26.8K, BK: 34.2K
Power Supply	115 V, 15 Amps
Power Consumption	Maximum 1.5 kW

**Print Specifications**

PDL Support	PCL6 and PostScript 3
Operating Systems	Netware 6.x, Windows XP, Windows Server 2003, 2008, Citrix MetaFrame, Macintosh, Linux, UNIX
Protocol Support	IPX/SPX, TCP/IP, Ethertalk, AppleTalk, NetBIOS Over TCP/IP, LPR/LPD, IPP, SMB, SNMP, Netware, Port 9100, Bluetooth (HCRP)
Drivers	Windows 2000, Server 2003/2008-Windows 7, XP Macintosh 10.1/10.2/10.3, 10.4, 10.5 UNIX, AS400 via iData & Port 9100, SAP R/3
Connectivity	10/100/1000BaseTX Ethernet, 802.11b/g Wireless LAN, USB, Bluetooth (HCRP)
Device Management	TopAccess
Certification	Windows (XP, Vista, 7, 2003, 2008) (WHQL) Novell

**Scan Specifications**

Scan Resolution	100 dpi, 150 dpi, 200dpi, 300 dpi, 400 dpi, 600 dpi
Scan Speed	57 SPM Color / 57 SPM B&W (@ 300 dpi)
File Format	TIFF, PDF, Secure PDF, Slim PDF, JPEG, XPS

**Facsimile Specifications**

Compatibility	Super G3
Data Compression	MH / MR / MMR / JBIG
Transmission Speed	Approx. 3 Seconds Per Page
Fax Modem Speed	33.6 Kbps
Memory Transmission	100 Jobs, 1,000 Destinations Max. 400 Destinations /Job
Scan Speed	.7 Seconds Per Page, Maximum 55 SPM

**E-Filing Specifications**

Operation Method	Color Touch Screen Control Panel or Client PC
Number of Boxes	1 Public Box, 200 Private User Boxes
Capacity of Boxes	100 Folders Per Box, 400 Documents Per Folder 200 Pages Per Document

**Security (Standard)**

Data Encryption	128 Bit AES
HDD Overwrite	Meets Department of Defense (DoD) standard 5220.22M
Authentication	LDAP, SMTP, Windows Server Domain

**Accessories (Options)**

**Additional Paper Options**

RADF: 100 Sheets  
Paper Feed Pedestal: 550-Sheet Pedestal, Statement-R to Ledger  
Cassette Module :550-Sheet Pedestal, Statement-R to Ledger  
Large Capacity Feeder (LCF): 2,500-Sheet Drawer, Letter

**Finishing Options**

Multi Position Finisher: Stationary Tray: 250-Sheets (Lt)  
Tray 1 Stack Capacity: 2,500 Sheets (Lt)  
Staple Capacity: 50 Sheets  
Saddle-Stitch Finisher: Stationary Tray: 250-Sheets (lt)  
Tray 1 Stack Capacity: 3,000 Sheets (Lt)  
Staple Capacity: 50 Sheets  
60 Pages (15 Sheets) SS Booklets  
Hanging Finisher  
1 Tray: 1,000 Sheets (Lt)  
Staple Capacity: 50 Sheets  
Multi-Position Hole Punch Unit (for MJ1101, MJ1106)

**Connectivity/Security Options**

Bridge Kit Required with MJ1101, MJ1106, MJ1031  
EFI Controller (not available at launch)  
Fax Board  
2nd Line Fax  
Wireless LAN Adapter  
Bluetooth Adapter  
Wireless Antenna  
Meta Scan Enabler for e-CONNECT  
IP SEC Enabler  
Advanced Scanning

**Miscellaneous Options**

SmartCard Reader, HID iClass  
SmartCard Reader, HID Prox  
SmartCard Reader, Inditag  
SmartCard Reader, LEGIC  
SmartCard Reader, Multi ISO/Mifare  
SmartCard Reader, Multi 125  
Harness Kit for Coin Controller



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