

# 11<sup>th</sup> Annual Awards

2006

**BERTL's  
BEST**



Best 41 to 50 ppm  
Occasional Colour MFP

## **Toshiba e-STUDIO451c**

Versatility is the key descriptor of the Toshiba e-STUDIO451c—from the board level to the control panel—to input and output functions. It will meet the document demands of a busy workgroup including monochrome and colour printing, scanning with eCopy, and diverse finishing options. It has earned the distinction of BERTL's Best 41 to 50 ppm Occasional Colour MFP for 2006.

# 2006

The e-STUDIO451c heads up Toshiba's impressive line of MFPs that not only provide economical black and white output, but also will satisfy many needs for business colour documents. With output of 45 ppm monochrome and 11 ppm color and a range of finishing options, the device is equipped to handle most copying and printing demands of medium-size workgroups.

But the e-STUDIO451c can do more than churn out quality copies. Its colour scanner, coupled with eCopy's ScanStation option, turns the device into a portal to an organization's workflow system.

The e-STUDIO451c's versatility starts at the board level. The single-board e-BRIDGE controller handles copy, print, scan, fax, networking (Ethernet 10/100), and other functions. Its fast

PowerPC Processor and capable system buses process jobs more quickly. Other manufacturers offer single-board control with a copier-to-MFP upgrade path; Toshiba builds the full MFP functionality into this range from the start.

The demand for colour documents (presentations, sales collateral, reports) continues to grow, but monochrome output still dominates as the medium of choice and economic necessity in most offices. Toshiba's four-pass drum technology suits these requirements. The devices deliver high-speed monochrome output and use long-life monochrome supplies compared to other higher speed, single-pass office colour alternatives. The bottom line: monochrome running costs are lower and fewer service calls are needed. The bonus: lower-speed colour output is available for occasional use.

**BERTL**

©2006 MCA Internet LLC, dba BERTL. 200 Craig Road, Manalapan, NJ 07726. All Rights Reserved. No copying, distributing, or storage of any kind is permitted. To obtain a reprint license, call (1) 732-761-2311. BERTL® is a registered trademark of MCA Internet, LLC. For information on BERTL reports, awards, and subscriptions, visit [www.BERTL.com](http://www.BERTL.com)

## Best 41 to 50 ppm Occasional Colour MFP | Toshiba e-STUDIO451c

Versatility is apparent to the user also. One user may regularly scan at a certain resolution and send those scans to a particular set of email addresses. Another user may copy using specific image quality settings and produce hard copy sets with certain finishing options. From the easy-to-use, functional template system on the control panel, each user can program their own commonly-used settings for copy, print, fax, scan, and finishing functions. When they need to execute a similar job, the stored settings are ready to use with a single-touch operation.

Toshiba's e-FILING system further reduces repetitive efforts, redundant file storage, and network traffic. This tool lets businesses store and organize documents on the device's 80GB internal hard drive. The documents can be accessed through the control panel or Toshiba's Web-based desktop utility.

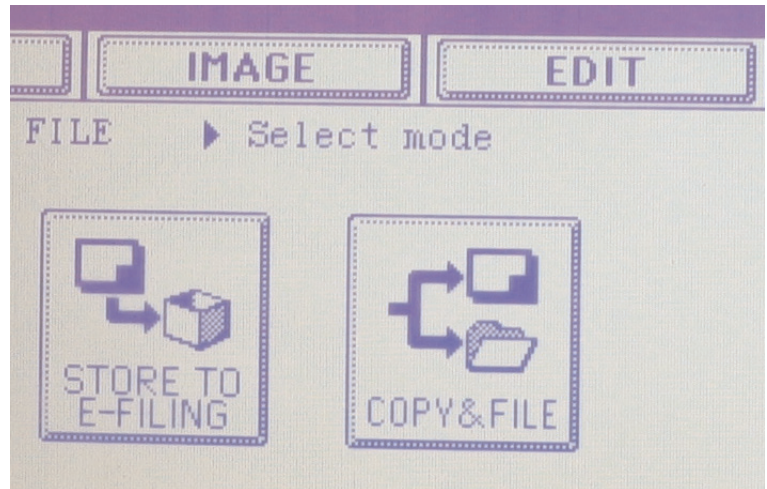
Documents are organized in the e-Filing system in a series of storage boxes. Everyone who uses the device can access the shared public box making it an excellent repository and print-on-demand center for standard office forms, sales literature, and other frequently-used documents.

Individuals can be assigned a private, password-protected box (up to 200 available). Each private box can be divided into 100 folders, each containing up to 400 documents (each of up to 200 pages).

Besides storing and printing documents, e-Filing lets users distribute information to multiple destinations. Additional features further enhance e-Filing functionality, including print to box, received fax to box, scan to box, and TWAIN capability from a connected PC.

Other system software functions include scan to email, scan to file, scan to FTP, scan to Internet fax, and scan to network fax. Leading-edge features as Wi-Fi and Bluetooth give the e-STUDIO451c a connectivity edge on its competitors.

This array of functionality options can be managed with TopAccess device management controls. Administrators can set up user lists and assign permissions. Managers can track and restrict black and white and colour printing on a department or individual level. Incoming faxes can be routed to pre-specified destinations. Plus, with TopAccess, users can monitor the job queue for both print and copy jobs through a single interface.



From the control panel, users can store, route, and copy documents to public or private folders.

The Toshiba e-STUDIO451c tackles security concerns from several angles. Print documents can be sent to the device from a PC using the private print function. The job can not be printed until the user enters a password to release the document.

IT managers will appreciate the LDAP authentication that identifies users on the network. The optional hard drive overwrite feature writes over sensitive data when the job is completed. Stored documents can be encrypted with an optional scrambler board.

The versatility theme continues with paper handling and finishing. The e-STUDIO451c can handle paper up to A3+ (305 mm to 457 mm) through the standard bypass tray and weights from 64 to 209 g/m<sup>2</sup>. Finishing options include single-position and multi-position stapling, a saddle-stitch finisher, as well as two- and three-hole punching capabilities.

The daily workflow demands of a medium-size office include traditional black and white copies and prints, stapling and hole-punching, occasional color printing, and the growing need for electronic document management. The e-STUDIO451c provides an all-in-one solution, earning its title as BERTL's Best for 2006.

## Spotlight on Toshiba

---

Toshiba's earliest history is rooted in two companies. In 1875, Tanaka Engineering Works was founded by Hisashige Tanaka, a well-known inventor who had previously built mechanical dolls and a perpetual clock. Under the company name Shibaura Engineering Works, Mr. Tanaka's company became one of Japan's largest manufacturers of heavy electrical apparatus.

Meanwhile, Hakunetsu-sha & Co., Ltd., was established as the first Japanese plant manufacturing electric incandescent lamps. In 1899, the company was renamed Tokyo Electric Co. and had diversified into a manufacturer of consumer products. In 1939, Shibaura Engineering Works and Tokyo Electric Co. merged and the name "Toshiba" was created as a blend of both company's names.

Today Toshiba is one of the world's largest integrated manufacturers of electric and electronic equipment, employing over 170,000 people worldwide. The company currently has 364 consolidated subsidiaries worldwide.

One of Toshiba's most notable accomplishments was achieved in 2000, when Toshiba became the first manufacturer to win all five BTA Channel Choice Awards. The company is involved in more than 500 major technologies, specializing in information and communication equipment and systems, electronic components and materials, and power systems, industrial equipment and consumer products.

Toshiba's commitment to quality is reflected in its corporate mission statement: "We, the Toshiba Group Companies, based on our total commitment to people and to the future, are determined to create a higher quality of life for all people, and do our part to help ensure that progress continues within the world community."

## BERTL's Best Office Awards

---

### Recognizing the Best in Digital Imaging Technology and Innovation

For 11 consecutive years, BERTL has recognized the best devices and software in the digital imaging marketplace with BERTL's Best awards. Winners are selected after rigorous analysis of the hundreds of digital imaging devices, software, and management utilities in the world-wide marketplace.

This year, the awards are presented in three segments.

**Office Awards**  
**Software and Solutions Awards**  
**Production Awards**

**Spring, 2006**  
**Dates to be announced**  
**Dates to be announced**

BERTL's Best Office awards honor digital imaging and document management solutions for business offices of all sizes and vertical sectors. Imaging solutions covered by these office awards include:

**Digital Duplicators**  
**Executive Office MFPs**  
**General Office Color**

**General Office Monochrome**  
**Innovation Awards**  
**Software and Utilities**

BERTL's analysts review current product lines and new product introductions to identify the select group of devices and software that stand apart from the others.

Overall business process value is the key consideration in judging which product is BERTL's Best. BERTL analysts take the role of the end user and ask: "How well does this product work in my real-world business setting?"

BERTL combines its wide-ranging knowledge of the competitive landscape and contact with buyers about their product and supplier experiences to identify worthy products. BERTL analyzes network management utilities, concurrency and contention, print and copy productivity, image quality, return on investment, competitive advantage, accessibility, design and build quality, standard functions, modularity of design and upgrade path, installation, and more.

BERTL is 100 percent independent. It receives no funding from the industry and all product evaluations and reports are published at BERTL's own expense for its subscribers.

BERTL publishes the world's largest library of business competitive intelligence for the digital imaging market at [www.BERTL.com](http://www.BERTL.com)