FACTS
RESULT
Very Good
5/2019

A challenge-**ink** test

To perfect their workflows in many areas, more and more companies are using sophisticated software and hardware – or a combination of both. The e-STUDIO7516AC series are Toshiba Tec's state-of-the-art multifunction systems that are equipped with all the important hardware and software functions, furthering optimising the productivity and quality of the document environment.

The FACTS editorial team put Toshiba's e-STUDIO7516AC series through a challenging test during the FACTS evaluation, which the three colour multifunction printers completed with very good results. And we can reveal some of them! With the DIN A3 colour multifunction systems from the new series, consisting of e-STUDIO5516AC, e-STUDIO6516AC, and e-STUDIO7516AC, Toshiba is providing its customers with MFPs designed specifically for use in large organisations and workgroups. The individual systems mainly differ in terms of their print and copy speeds. While the e-STUDIO5516AC produces 55 colour pages in one minute, the other systems produce 65 and 75 colour pages respectively. FACTS has had a close look at the e-STUDIO5516AC colour system, which is running on behalf of the other two. The most striking feature of the series is its design – a combination of matt and glossy black – which really stands out from the other miscellany of office equipment. But the machines not only look the part, they also play the part. Here's why: the latest generation of Toshiba's multifunction systems is designed to deliver the 'Together Information' brand message, which commits the company to providing its customers with customised and efficient printing and copying solutions while also taking into account document management and environmental protection.

PASSED THE FACTS TESTS

That's right: the FACTS tests prove that the high-end series performs exactly how the manufacturer says it does. All speed specifications were accurate to the second. But the test didn't only look at the systems' basic performance. FACTS also determined their true performance with various print jobs from the Windows applications Word, Excel, and PowerPoint as well as Acrobat Reader. In addition to single and double-sided print jobs, the printer produced high-quality and very large PDFs in both sorted and unsorted outputs. The systems even completed the most demanding print jobs within

minutes, almost always while maintaining their basic speeds. They also sustained their performance levels even when producing double-sided printouts or copies. The quality of the print and copy was also excellent. In copy mode, the copy of the colour originals was extremely accurate. Even copied and – even more remarkable – printed photos left a first-rate impression. Text passages in different font sizes were printed and copied in razor-sharp definition, including in sections that can only be read with a magnifying glass (see photo on next page). Controlling the e-STUDIO7516AC series is a piece of cake. This is made possible by the intuitive operation via the tablet-like surface of the 10.1-inch tilting touch panel, which can be adapted to individual customer requirements. It should also be mentioned in passing that the touch panel's special surface has excellent anti-fingerprint and anti-glare properties. In addition to the printing unit, the 'second heart' of a modern MFP is now the document feeder with integrated scanner, as these systems are not intended exclusively for printing and copying but also for digitising, storing, and

distributing documents. The latter doesn't require the machine's printing unit, which means the system's scanner can also work much faster. The e-STUDIO7516AC series' dual scan document feeder produces a maximum of 240 images per minute at a resolution of 300 dpi without the need to flip the originals, as they are scanned on both sides simultaneously. This protects the originals and also prevents annoying paper jams. Scanned documents can be viewed and even edited via the touchscreen. Users can delete unnecessary pages and add more templates to a saved document. In addition, documents stored in cloud locations such as OneDrive for Business or SharePoint can be printed directly from the control panel using the embedded apps (these are optional). In combination with OCR recognition (also optional), users can also scan their documents into the specified storage locations. The OCR function is directly integrated into the e-STUDIO system – there's no need for an additional server.

USEFUL AND SECURE

Other useful functions include barcode printing, mobile printing from smartphones or mobile devices (AirPrint, Mopria Print Service), and PDF direct printing via a USB interface. Additional embedded apps such as Box, Dropbox, Google Drive, Google Cloud Print, and OneDrive, as well as SharePoint and Exchange Online, enable users to scan and print to and from the cloud. The Toshiba colour multifunction printers' eco credentials were also an important part of the test editorial team's final evaluation. The use of recycled plastics, an even lower TEC value than previous models, and a Super Sleep power save mode show that Toshiba has been working on these features as well. Last but not least, the security of an MFP is very important: all machines in the series feature the Secure HDD self-encrypted hard disk, which uses 256-bit AES encryption.
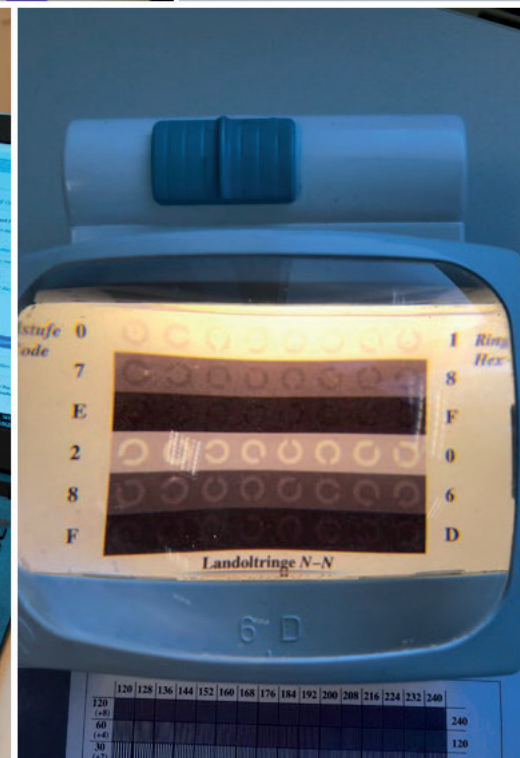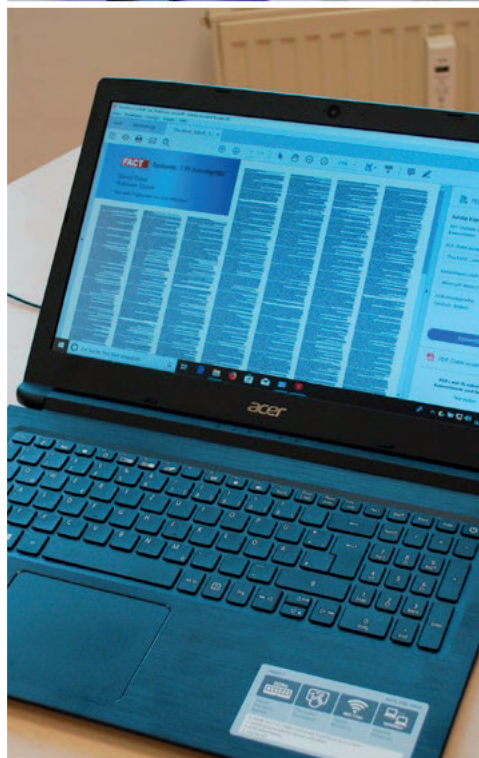
Klaus Leifeld ■
Translated to English by TGIS Marketing Division ■

QUALITY DEMANDS:

The FACTS editors take quality very seriously, and this is the area where the systems performed very well. The Landolt rings were copied perfectly, and font size 1 was clearly legible under the magnifying glass.

Conclusion

The e-STUDIO7516AC series' systems have very good print and copy quality as well as excellent functionality, both of which can really simplify office work when used correctly. The machines help users to manage documents easily, quickly, and securely.

ASSESSMENT

Print quality:	★★★★★
Copy quality:	★★★★★
Functionality:	★★★★★
Operation and controls:	★★★★★
Overall result:	**Very Good**