DEVELOP

ineo+ 454e

ineo+454e

A decisive boost
to your productivity

Can a multifunctional system really improve the productivity of your office workflow? Does an office system with all the document functions you need have to be difficult to use? Can a high-quality multifunctional system be tailored to your needs? Reasonable questions, we believe. And that's why the ineo⁺ 454e has been designed for great speed, high-quality output and tailor-made ease of use. Just like your smartphone or tablet, this multifunctional office system can be operated intuitively with perfect ease. Frequently used functions can be placed on your start screen while functions you don't use can simply be removed to make its operation as simple as possible. The ineo⁺ 454e is an office system that not only boosts your productivity and produces first-class output, it also adapts to your working habits!

If you're looking for razor-sharp printouts, excellent image quality and a wide range of finishing options, the ineo⁺ 454e is the solution you need. Whatever your document requirements – printing, scanning, copying, faxing, e-mails or tools to simplify your everyday work – the ineo⁺ 454e will meet your customers' quality requirements, boost the productivity of your office workflow and do all that in extremely economical fashion.

Customised user-friendliness

Many multifunctional office systems are anything but user-friendly. The ineo⁺ 454e, in contrast, is simplicity itself. An intuitive, easily understandable operating concept ensures that it is as easy to use as your smartphone or tablet. The 9-inch capacitive touchscreen comes with well-known multi-touch operations such as flick, drag&drop or pinch in&out. Thanks to a new menu navigation structure you can also see all functions in one go and select the settings you want with just a few clicks. Frequently used functions can be left on the start screen and ones you don't use simply removed. This kind of customisation saves you lots of time, ensures you learn to operate the system in no time at all, and get more fun out of routine office jobs.

ineo⁺ 454e with staple/booklet finisher (FS-534SD), saddle kit (SD-511), paper cassettes (PC-210) and large capacity unit (LU-204)

ineo+ 454e with staple/booklet finisher (FS-534SD), saddle kit (SD-511), paper cassettes (PC-210) and banner tray (BT-C1e)

Excellent green credentials

Protecting the environment, saving natural resources and reducing energy costs – all key criteria in choosing the right multifunctional system for your office. Here, the ineo+ 454e sets new standards in green energy efficiency. Sustainability was a priority in the construction concept. The system's "green" functions include automatic deletion of blank pages to avoid unnecessary copying and wasted paper, as well as sophisticated hardware to reduce power consumption. As a result, the machine's typical weekly electricity consumption (TEC value) is very low. All this is good news for the environment and, thanks to the lower electricity bill, for you too!

Please find more details on our website:
http://www.develop.de/smart

ineo+ 454e – Intelligent. Smart. Intuitive.

All the document functions

The qualities of the ineo⁺454e are particularly evident if you take a closer look at the wide range of standard and optional functions. You'll also appreciate the system's ease of use.

High-class scanning performance

> At up to 160 pages per minute the ineo⁺ 454e is unusually fast for a system of its class. It also offers a broad choice of scanning functions. You can scan documents as Word (docx), Excel (xlsx), PowerPoint (pptx) or readable PDF files without the need for manual conversion – so you or others can process the documents without delay. And you can naturally distribute scanned documents in a variety of ways, e.g. by e-mail, into Windows folders or to an FTP server. All features that save time and ease the workload in routine office jobs!

Intelligent solutions for optimised work processes

> DEVELOP's software solutions replace time-consuming manual operations with automated processes. With convert⁺share, for example, you can scan a document as a Word file and then send it straight to a Windows folder, e-mail address, Google Docs, Evernote or Microsoft SharePoint. And store⁺find helps you locate any document easily and quickly – via a keyword or full-text search facility.

Extensive finishing and media options

> Functions such as booklet making, stapling, hole punching, banner printing and letter folding plus a broad choice of printable media ensure you can produce almost any kind of document.

Professional printouts and colour management

> The print engine and innovative HD toner are finely tuned to deliver razor-sharp 1,200 dpi printouts with brilliant colours and easily readable small type. In combination with a Fiery controller, the ineo⁺ 454e also offers excellent colour management possibilities.

you need

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Convenient remote administration

> The system can be administered via any web browser from a desktop computer. Instant servicing is possible thanks to the display's remote operating function. What's more, you can also simulate the operating panel on an Android table using a dedicated app. ineo Remote Care allows the system's status to be monitored by your DEVELOP dealer. That way he will be automatically notified when toner is running low to ensure you never run out. As well as saving you time and effort, it also means the ineo⁺ 454e is always up and running when needed.

Various authentication possibilities

> Secure access to the system is ensured through various means of authentication: PIN numbers, finger-vein scanning and contactless smart cards.

Improved productivity

> The ineo⁺ 454e not only delivers 45 ppm in colour or black and white, it is also an extremely reliable system with various features that speed up document production. Functions such as on-the-fly replacement of the toner cartridge so no print job needs to be interrupted and carbon-copy printing ensure smoothly running work processes.

Reassuring data security

> These days, you have to ensure that every system that has a hard disk or is integrated into a network is adequately protected. Thanks to security features such as IPsec, S/MIME e-mail encryption and IP filtering every form of system communication or document transfer is entirely secure.

Excellent eco-friendliness

> The system's low energy consumption, economical running costs and intelligent environmental concept have been rewarded by eco-certificates such as Energy Star. Eco-friendliness that is also good for your bottom line!

Time to streamline
your office life!

The ineo⁺ 454e will simplify your work processes, support you in document production and protect one of your most valuable assets – company data!

Work processes optimised

An automated production line where all stages of the production process are perfectly coordinated is something you normally associate with manufacturing industry. But is this possible in everyday office work? We believe it is since the ineo⁺ 454e is an all-round solution that will help optimise your work processes. Thanks to its numerous useful functions the ineo⁺ 454e can reduce the amount of manual work involved in document production and thus minimise the costs involved. For example, you can scan documents as PowerPoint presentations or archive them as PDF/A files. DEVELOP's convert⁺share tool allows you to scan a document at the press of a button, have it converted into the required format and delivered to whatever destination you want, e.g. store⁺find. This tool does away with time-wasting searches for files by ensuring every document can be quickly located. In this way, the ineo⁺ 454e helps you to streamline your document production line.
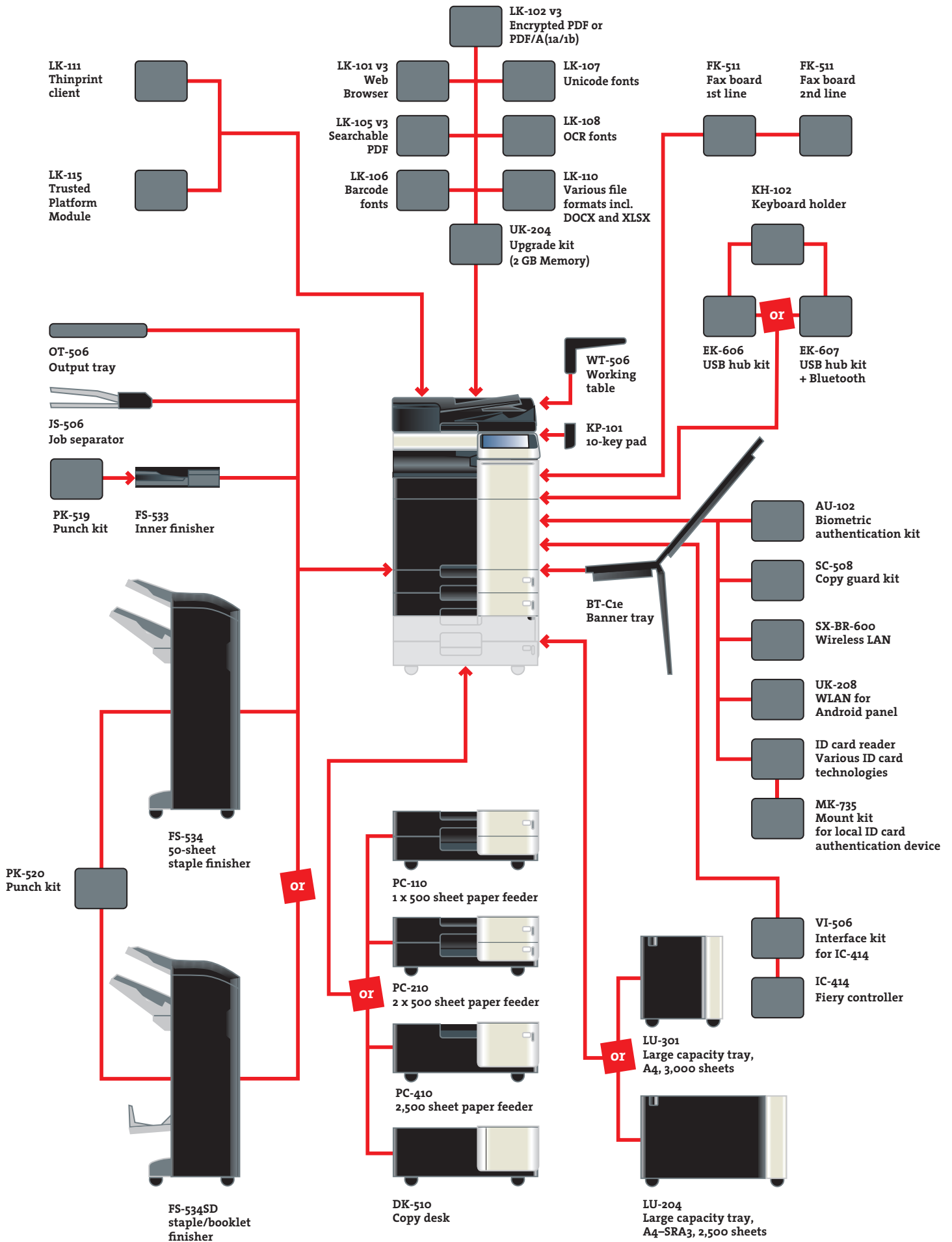
Wide choice of media and finishing functions

Tired of using external shops for specialist jobs such as invitations printed on thick, high-quality paper? Those days will be over if you invest in an ineo⁺ 454e – and you'll save yourself time and money. You can print envelopes, recycled paper, pre-printed paper, overhead transparencies, many other media, and even thick card of up to 300 g/m². A broad range of paper formats from A6 to SRA3 or user-defined formats and banners of up to 1.2 metres in length are handled with ease and printed in excellent quality. Thanks to the numerous finishing options booklets of up to 80 pages can be created, letters folded in various ways, handouts stapled or invoices hole-punched. Since pre-printed offset sheets can be professionally integrated into any print job, the ineo⁺ 454e allows you to produce almost any job in-house!

Focus on data security

Many multifunctional office systems are high on features and low on data security. Or it comes as an expensive optional extra! The ineo⁺ 454e, in contrast, is certified to ISO 15408 EAL 3, a computer security standard, and complies with IEEE 2600.1, the international standard for multifunctional printer security. It also has numerous reassuring features such as hard-disk encryption, data erasure (when required) and security standards like TSL, SSL and IPsec. A secure printing function prevents documents from getting into the wrong hands and access to the system can be restricted to authorised users. Invest in an ineo⁺ 454e and you can be sure your data stay where they belong – in the right hands!

LK-111
Thinprint
client

LK-115
Trusted
Platform
Module

LK-102 v3
Encrypted PDF or
PDF/A(1a/1b)

LK-101 v3
Web
Browser

LK-107
Unicode fonts

LK-105 v3
Searchable
PDF

LK-108
OCR fonts

LK-106
Barcode
fonts

LK-110
Various file
formats incl.
DOCX and XLSX

UK-204
Upgrade kit
(2 GB Memory)

FK-511
Fax board
1st line

FK-511
Fax board
2nd line

KH-102
Keyboard holder

EK-606
USB hub kit

or

EK-607
USB hub kit
+ Bluetooth

OT-506
Output tray

JS-506
Job separator

PK-519
Punch kit

FS-533
Inner finisher

WT-506
Working
table

KP-101
10-key pad

AU-102
Biometric
authentication kit

SC-508
Copy guard kit

BT-C1e
Banner tray

SX-BR-600
Wireless LAN

UK-208
WLAN for
Android panel

ID card reader
Various ID card
technologies

MK-735
Mount kit
for local ID card
authentication device

FS-534
50-sheet
staple finisher

PK-520
Punch kit

or

PC-110
1 x 500 sheet paper feeder

PC-210
2 x 500 sheet paper feeder

or

PC-410
2,500 sheet paper feeder

VI-506
Interface kit
for IC-414

IC-414
Fiery controller

LU-301
Large capacity tray,
A4, 3,000 sheets

or

FS-534SD
staple/booklet
finisher

DK-510
Copy desk

LU-204
Large capacity tray,
A4–SRA3, 2,500 sheets

ineo+ 454e

General Data

Type of machine
Console system (built-in scanner)

Printing and copying speed
> A4: max. 45/45 ppm (colour / black & white)
> A3: max. 22/22 ppm (colour / black & white)

Print system
Laser

Gradation
256

Paper feeder
> Standard: 1,150 sheet, max. 6,650 sheet
> 500-sheet universal cassette
  (A5–A3, 52–256 g/m²)
> 500-sheet universal cassette
  (A5–SRA3, 52–256 g/m²)
> 150-sheet bypass (A5–SRA3, width: 90 to 320,
  length: 139.7 to 1,200 mm and banner,
  52 –300 g/m²) for standard paper, envelopes,
  OHP, thick paper, banner

Paper format
A6–SRA3, customised paper sizes;
banner paper, max. 1,200 x 297 mm

Printable area
Max. 307.1 x 437.1 mm (SRA3)
Max. 291 x 1,193 mm (banner paper)

Warm-up time
25 seconds or less

Dimensions (w x h x d)
615 x 921 x 685 mm (without options)

Weight
Approx. 101 kg (without options)

Power
220–240 V / 50/60 Hz

Printer Specifications

Controller
Standard: Embedded controller with 800 MHz
(SoC architecture)
Optional: Fiery controller IC-414, 2.6 GHz

Memory
Standard controller uses system memory /
hard disk (2 GB RAM/250 GB hard disk)
Fiery IC-414: 2 GB, 160 GB hard disk

Resolution
Max. 1,800 x 600 dpi
(with Smoothing Technology)
High quality mode: 1,200 x 1,200 dpi

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Network protocols
TCP/IP (IPv4/IPv6), IPX/SPX, SMB, NetBEUI, LPD,
SNMP, HTTP/HTTPS, IPP, AppleTalk, EtherTalk, LDAP

Emulation
PCL 6, PS 3, XPS, Fiery IC-414: Adobe PS 3

Interfaces
Ethernet 10 BaseT/100 BaseTX/1000 BaseT, USB 2.0

Driver
Windows Vista/Vistax64/7/7x64/
8/8x64, Windows Server 2003/2003x64/2008/
2008x64/2008 R2x64/2012x64/2012 R2,
Mac OS X 10.x, Unix, Linux, Citrix

Print functions
Direct print of PCL, PS, TIFF, XPS, OOXML and
PDF documents, overlay, cover page, watermark,
carbon copy, mixmedia and mixplex, banner print

Scan Specifications

Type of scanning
Scan to E-mail/FTP/Box (HDD)/PC (SMB)/
WebDAV/Me/Home/USB/DPWS, Network Twain

Resolution
Max. 600 dpi

Scanning speed
Max. 160 ipm (colour/black & white)

Size of originals
Max. A3

Scanning formats
TIFF, PDF, Compact PDF, JPEG, XPS, Compact XPS,
PPTX
Optional: PDF/A (1a/1b), Searchable PDF/PPTX/
DOCX/XLSX PDF/A (1a/1b), Encrypted PDF,
Linearised PDF

Scan adresses
2,100, LDAP-support

Copy Specifications

Document feeder
> Dual scan document feeder
> 100-sheet, max. 163 g/m²
> A6 to A3

Copy pre-selection
1 – 9,999

Zoom
25–400 % in 0.1 % steps

First A4 copy
5.5 / 4.6 seconds (colour/black & white)

Memory
2 GB RAM

HDD
250 GB

Resolution
Print: 1,800 x 600 dpi
(with Smoothing Technology)

(Right column)

Copier functions
Chapter and cover mode, test copy, colour image
adjustment, creative mode, poster mode, book copy,
glossy copy, ID card copy, watermark, stamp,
date/page stamp, copy protection, 2 in 1 / 4 in 1 /
8 in 1, overlay (optional)

Fax Specifications (optional)

Compatibility
G3/Super G3, MH, MR, MMR, J-BIG/ECM, IPFAX
(iFax standard)

Transfer rate / transfer speed
33.6 kBits/s, < 3 sec. ITU-No. 1

Fax memory
Uses system memory

Fax functions
Polling, time shift, PC-Fax, Receipt to
confidential box, Receipt to E-mail, FTP, SMB

Options

> Inner finisher with 50-sheet multi position
  stapling, stack capacity of max. 500 sheets,
  optional punch kit (2/4 hole)
> Floortype finisher for 50-sheet stapling:
  stack capacity of max. 3,200 sheets + 100 sheets
  via inner tray, optional saddle kit (for booklet
  stapling and letter fold) and punch kit (2/4-hole)
> Job separator, max. 200 (150/50) sheet capacity
> Paper feed cabinet (500 sheets)
> Paper feed cabinet (2 x 500 sheets)
> Large capacity tray for 2,500 sheets (A4)
> Additional large capacity tray
  for 3,000 sheets (A4)
> Additional large capacity tray
  for 2,500 sheets (SRA3)
> Large capacity tray
> Copy desk
> 10 key pad
> Banner tray
> Working table
> Fax unit
> Fiery Controller
> Security kit
> Keyboard holder
> USB interface kit
> USB interface kit with Bluetooth
> Biometric authentication kit
> Miscellaneous card solutions
> Mounting kit for card reader
> Sender stamp kit for documents
> i-Option (additional functions)
> WLAN adapter
> Kit for Android remote control

Software Solutions

> store+find (opt.), convert+share (opt.),
  Personal Applications (opt.), Enterprise Suite (opt.),
  Fiery Profiler Color Management (opt.),
  Data Administrator (user accounts & cost centres),
  Card solutions (opt.), Unix/Linux support,
  SAP support, EveryonePrint (opt.), PCounter (opt.)