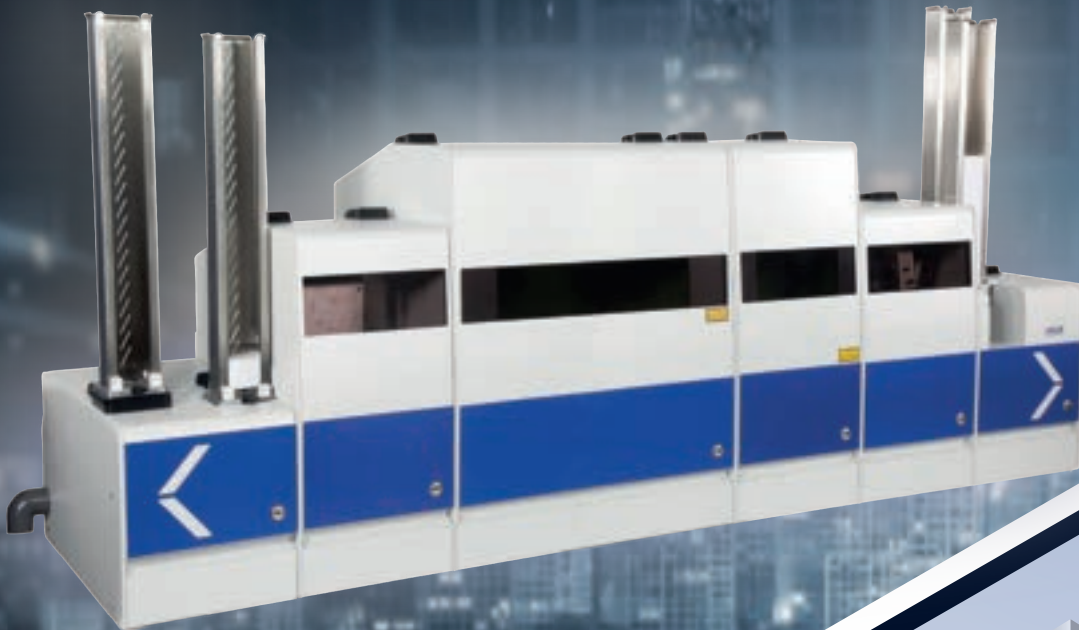




LASER and INKJET
PERSONALISATION
SYSTEMS
for GOVERNMENT
and PAYMENTS



CLI/MLI

Multiple Engravers Security Inks

Multiple Contactless Encoders

Government

Secure Inkjet DoD

Polycarbonate ID Cards

Contact/Contactless Encoding

PVC
PET
PC
Magnetic Encoding

Dual Lockable Feeder

Durable Inkjet Flat Graphics

Vacuum System

Inline Lockable Reject Bin

Finance

Seamless Integration

Higher Quality

Higher Throughput

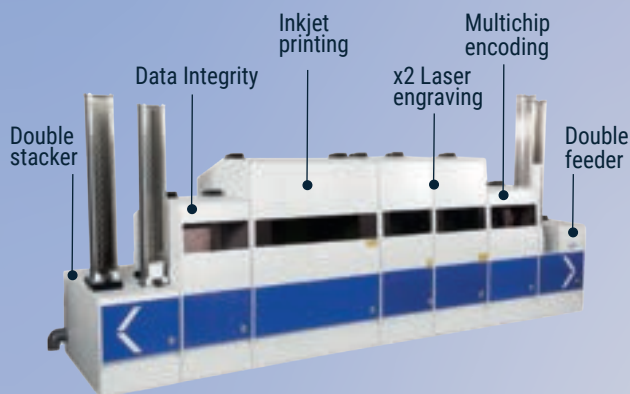
Various Substrates

Fully Modular

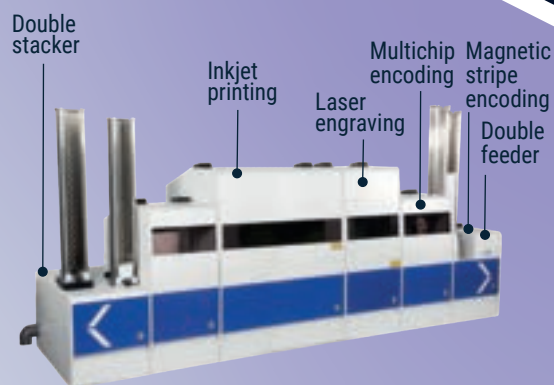
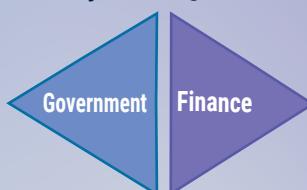
30W MOPA Laser

BOX-e is a modular laser and inkjet personalisation system for **mid-volume card issuance**, designed for both **government ID** and **financial** markets. Evolving from the proven BOX platform, **BOX-e** integrates a **new 30W MOPA adjustable pulse laser** and the latest technology to deliver **enhanced quality, improved grey-scale & higher throughput**.

BOX-e 
EVOLUTION
IN ACTION



Fully Configurable



*All standard security features supported, proprietary features on request.



Colour Printing
DoD printing



Data Integrity
End-to-end assurance



Laser Protected Inkjet



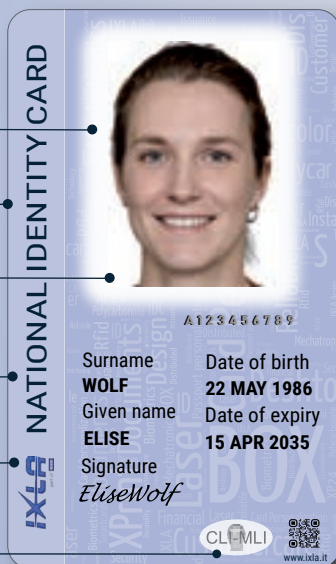
Laser Marking
30W MOPA laser



AutoPos



CLI/MLI



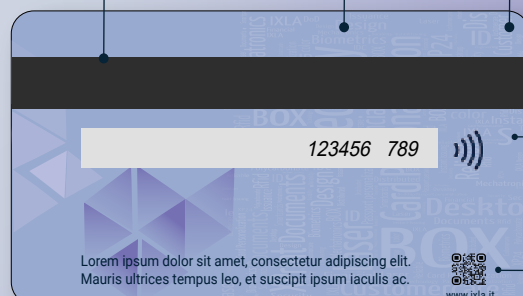
Mag. stripe Encoding



Dual Side



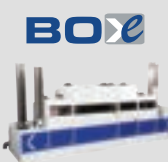
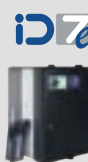
Substrates
PC, PVC & PET



C/CLESS



QR codes, Barcodes



	IDX	IDE	ID7	BOXe
Card types ISO7810	PC/Approved PVC-L	PC/PVC/PET/Metal	PC/PVC/PET/Metal	PC/PVC/PET
Card Hoppers	100 Cards	300 Cards	300 Cards	500 Cards
2nd Card Hopper	50 Cards	No	Yes	Yes, 500 Cards
Card Output Stacker	50 Cards (opt: up to 250)	250 Cards	250 Cards (Opt. dual output hopper)	2x500 Cards
Print Mode	-	-	-	DoD UV Cured Inkjet
C-CL Encoder	Single	Single	1-3 multichip encoders	4 encoders per module (up to 2 modules)
Magnetic stripe R/W	Yes	Yes	Yes	Yes
Throughput (layout, chip encoding and config. dependent)	up to 100 cph	up to 250 cph	up to 300 cph	up to 400 cph
Vacuum system	Included	Included / External	Included / External	Included / External
Interface options	SDK and I3 web App	SDK, I3 Web App, AIDA	AIDA	AIDA
Dimensions (D x W x H) (cm)	30 x 39 x 54	35 x 55 x 60	45 x 57 x 61	Example GOV config: 60 x 240 x 130 Example FIN config: 60 x 210 x 130 up to 10 modules max
Weight (Kg)	27	60	74	Example GOV: approx 500 kg Example FIN: approx 400 kg

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