



Secure

Universal

Practical

Economic

Robust

**NEW B^{EY}OND-Card
CROC Solution Toolbox**

Innovative, super durable and secure documents in card format

- Secure documents
- Exceptional lifetime and performance
- De-central issuance and secure supply chain



General Characteristics

1. High-value touch
2. Dimensional stable in various climatic environments.
3. High level of temperature resistance.
4. Excellent ageing and UV resistance.
5. No optical brighteners.
6. No lamination needed.
7. Integral security technologies.
8. Doesn't break, crack.
9. Saves space in the wallet.



Beautiful



Flexible



Practical & Thin



High performance

CARRIER

neobond® security substrate 300 g/m²

Size: a) A4
b) 9½" x 11" (endless matrix-printer)
c) on customer request

Yield: 8 cards per page (or custom)

Material: Synthetic fibre substrate

PUNCHER

Type: a) Single from stripes, or
b) whole page

CARD

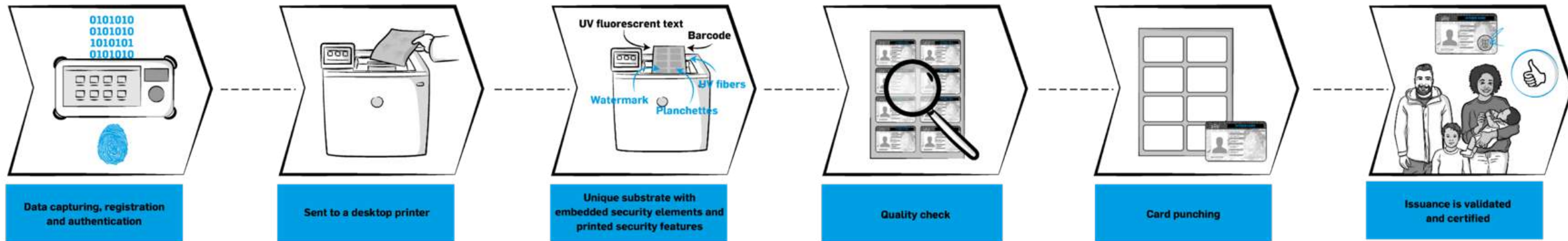
Size: 85,5 mm x 54,0 mm (ISO ID-1)

Finishes: Dye-cut to detach from carrier

Thickness: 400 µm



Coordinated Process with 360° security concept



Capture & process the data in your existing systems.

Start print-job

Substrate:
neobond® security substrate in 300 g/m²

Cards get printed, 8 per page.
Personalisation with inkjet desktop printer with printed UV security features and encrypted barcodes.

Punch cards from A4 to individual cards.

NO folding
NO gluing
NO lamination

Optional:
Authorize document with seal.
Register seal in DB.
Handover the final document.

VISUAL SECURITY

SUBSTRATE

- a. Watermark
- b. fibres

PRE-PRINT

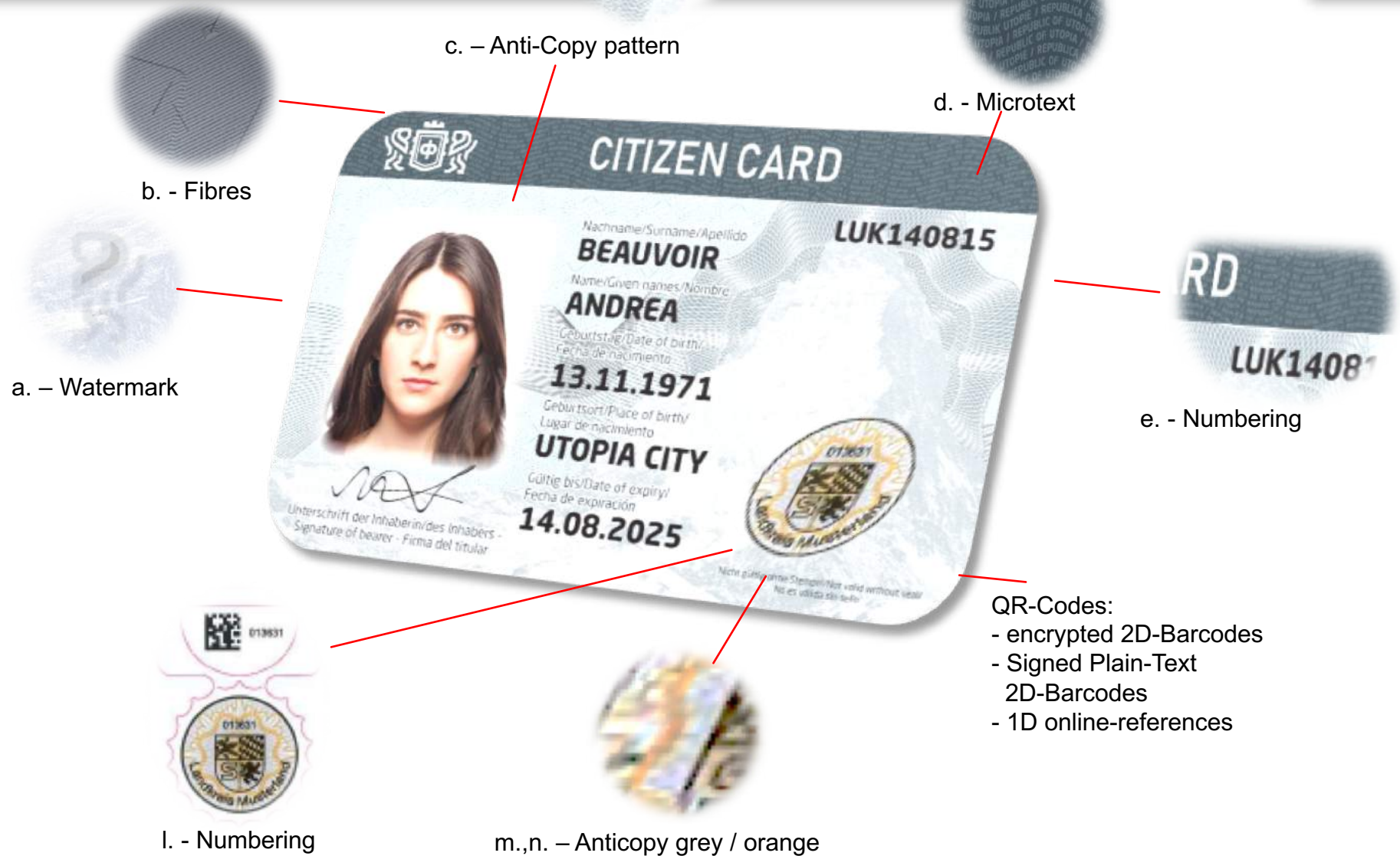
- c. Anti-Copy patterns
- d. Micro text
- e. Numbering
- f. Custom made

PERSONALIZATION

- j. Secured QR-Codes
- k. Background patterns

SECURITY SEAL

- l. Numbering
- m. Anti-copy Colour
- n. Security design



INVISIBLE SECURITY (UV / IR)

SUBSTRATE

- a. UV-fluorescent fibres
- b. UV-planchettes

PRE-PRINT

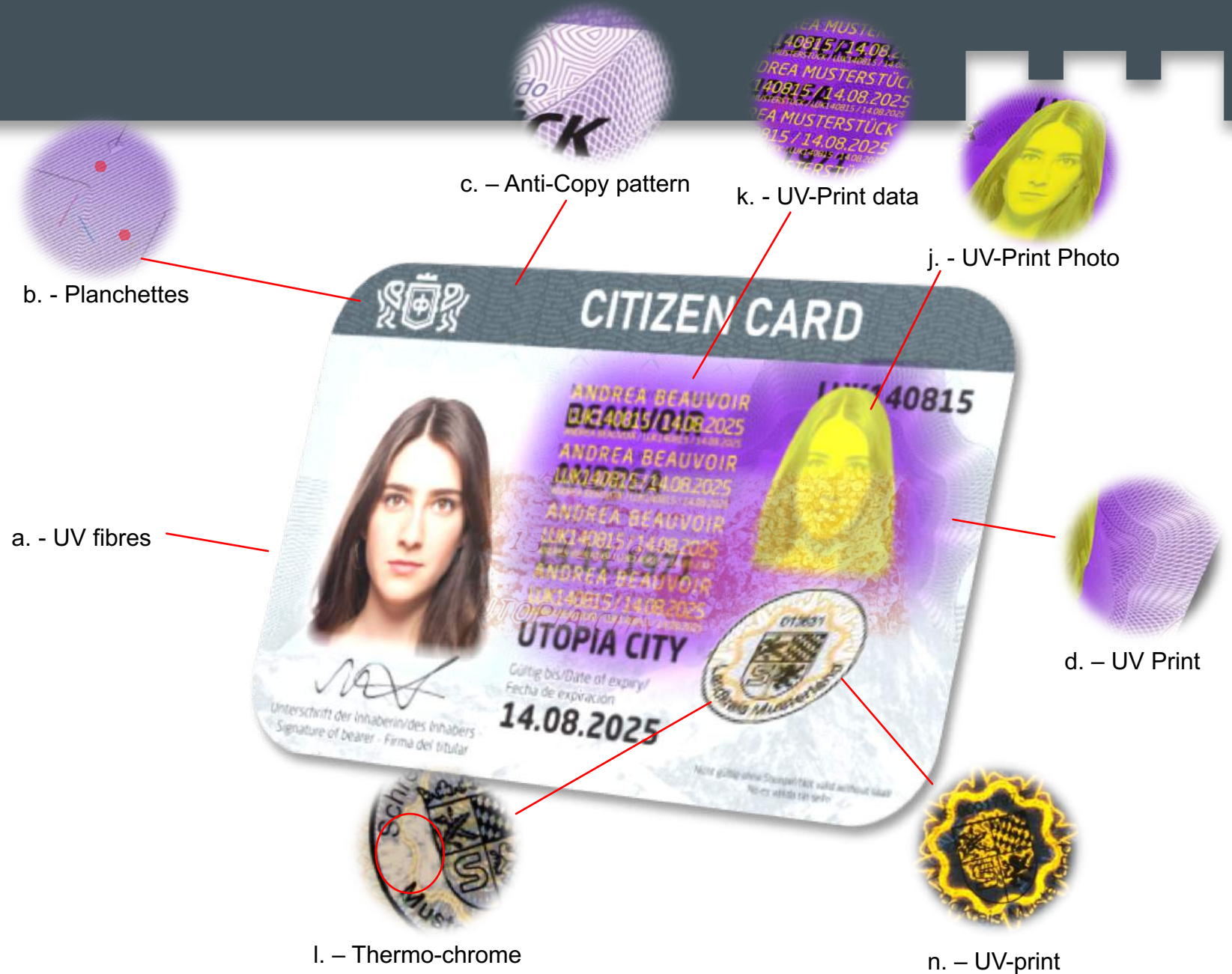
- c. Anti-Copy patterns
- d. UV-Print
- e. Custom-made

PERSONALIZATION

- j. UV-print (photo)
- k. UV-print (data)

SECURITY SEAL

- l. Thermo-chrome
- m. IR-print
- n. UV-print

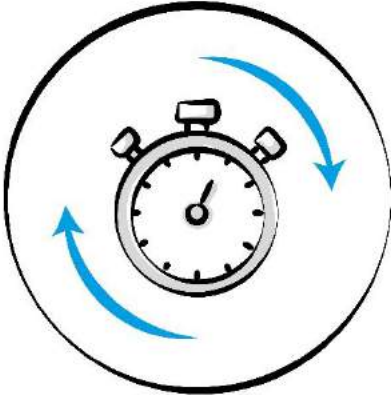


Benefits

Very flexible and robust



Very quick



Decentral issuance



Cost-effective



360° security concept





Secure
Universal
Practical
Economic
Robust

BEYOND normal Cards



Contact details, for further questions:



Security Substrate

neobond® by Lahnpaper GmbH
security@lahnpaper.de

Concept & Consulting

SECOIA Executive Consultants Ltd.
croc@secoia.ltd

