

High-Volume Card Personalization Systems

By NBS Technologies

HPX

The HPX card personalization system is your solution for high-speed personalization of Telecom / GSM cards in a central card issuance environment.

Specifically designed for the production of GSM, contactless and dual interface cards, the HPX card personalization system brings with it one of the highest throughput speeds available on the market today (5000 uph).

The HPX is also an ideal ID Market solution with its laser engraving option.



HIGH-SPEED CARD PRODUCTION PERSONALIZATION

QUAD SIM • DUAL SIM • ID CARD

THE HPX OFFERS THESE KEY FEATURES AND BENEFITS:



CARD TYPES

- Contact EMV Chip
- Contactless RFID
- SIM cards
- Quad SIM & Dual SIM
- ID Cards



PROFITABLE SOLUTION

- Cost of ownership is low compared to main competition
- Surprisingly small foot print



EASY-TO-USE

- All-in-one solution for card production
- Multiple configurations to meet your needs

CONSULTING

SOFTWARE

HARDWARE

SMART CARD MANUFACTURING



Total
Card Solutions

WWW.NBSTECH.COM

HOW IT WORKS?

1. Cards are unloaded one by one from standard magazines and fed onto the conveyor belt. Process stations are mounted in-line, along a central longitudinal beam
2. Cards are transferred to an electrical test station to check suitability for further processing (optional)
3. Optionally, up to 4 mag stripe stations permit magnetic stripe encoding at the entry of the equipment
4. Each card is lifted on one of the fixed heads card stations to be personalized - these 64 stations permit contact/contactless and dual interface personalization
5. Defective cards are replaced sequentially or at end of batch
6. Once cards are personalized, a final electrical test checks that all cards are present at equipment outlet and in good sequence by comparison with the personalization batch program (optional)
7. Cards may be graphically personalized using ink jet or laser before or after testing
8. Up to 3 rotation units allow printing and re-stacking of cards on both sides
9. Electrical personalization is controlled by the Smart Gear or NBS software application.
10. HPX can be configured to process contactless or dual interface cards by adding RF stations that are also controlled by the NBS software.

Additional stations can be installed on request to extend machine functions or capacity either at time of delivery or by retrofit.

NBS Technologies SAS

Zone industrielle, Avenue Villevieille
13106 Rousset Cedex
France

Tel : +33 442 532 772

Fax : +33 442 532 641

www.nbstech.com / info.france@nbstech.com



w: www.nbstech.com
e: info@nbstech.com

Corporate Headquarters
Canada
703 Evans Avenue
Toronto, Ontario
M9C 5E9
Canada
tel: +1 416.621.1911
fax: +1 416.621.8875

Contact our NBS card personalization experts for full details on this and other card personalization products at:

Europe, Middle East, Africa
B1 Moorfield Point
Slyfield Industrial Park
Guildford, Surrey GU1 1RU
United Kingdom
tel: +44 (0)1483 563200
fax: +44 (0)1483 511189

Americas
10925 Bren Road E
Minneapolis, MN 55343
USA
tel: +1 416.840.8620
fax: +1 952.912.9439

Asia Pacific
PO Box 780
Hurstville BC
NSW 1481
Australia
tel: +61 (2) 9546 6841
fax: +61 (2) 9546 6851