ruhlamat – the leading supplier of advanced solutions for smart card personalisation

ruhlamat is a leading supplier of advanced solutions for the personalisation and quality control of ID cards, bank cards, drivers licences, health cards, transit passes, and commercial cards.
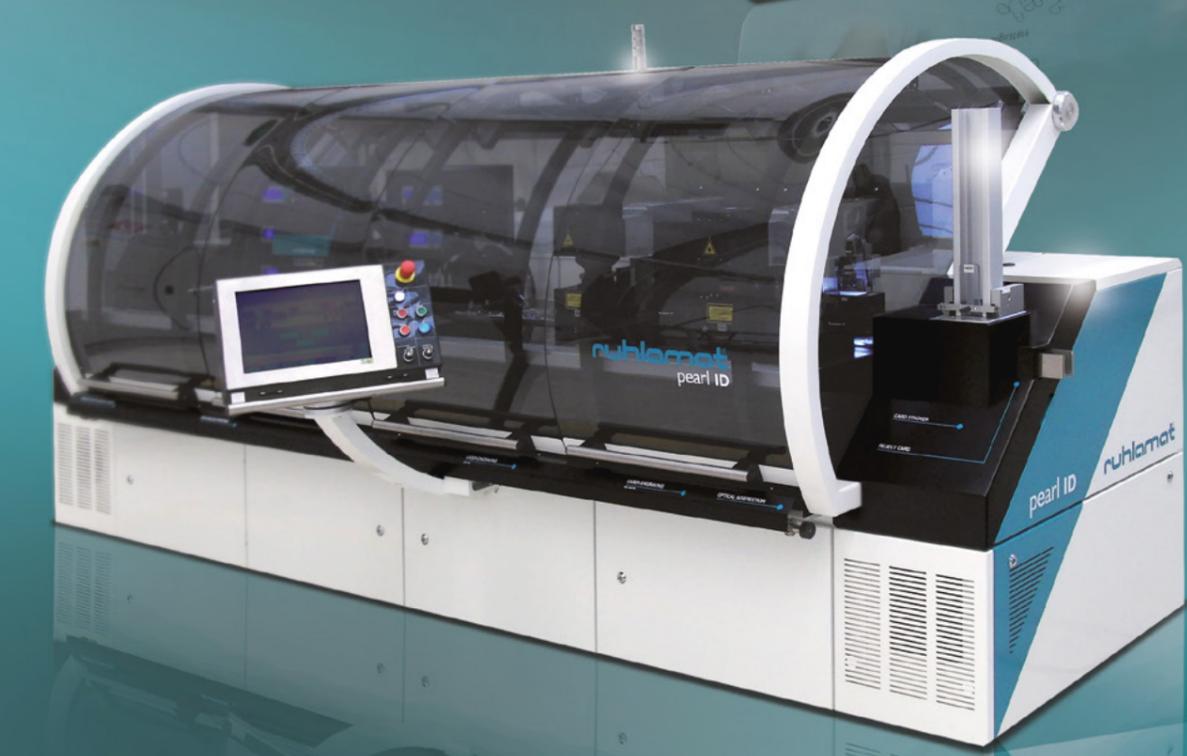
As experienced machine manufacturer, we do our very best to meet every customer requirement, no matter how unique or challenging. We develop and produce functional, affordable and scalable solutions, which ensure full compliance with the **ISO and ICAO standards**.

Our reliable, state-of-the-art solutions, as well as our unrivalled expertise, has resulted in various successful project installations around the world.

ruhlamat – customised machine solutions for

> Chip Module Production

> RFID Inlay Production

> Card Production

> Card Personalisation

> Card Quality Control

> Passport Personalisation

> Passport Quality Control

> Special Machinery

ruhlamat | MACK GROUP
solutions for your needs.

Smart Card Personalisation

SEIT | SINCE
1991

Marksuhl
Frankfurt

ruhlamat
GERMANY

ruhlamat
MEXICO

ruhlamat
MALAYSIA

ruhlamat | MACK GROUP
solutions for your needs.

SIM CARD SOLUTIONS

PIN: 1234
PUK: 12345678

BANK CARD SOLUTIONS

4478 6395 102

Account No
2134567890

Valid t
11/20

Lisa Summer

ID CARD SOLUTIONS

Surname
SUMMER
Given names
LISA
Date of birth
1981/01/31
Date of expiry
2018/08/16
Document number
200908172
Sex
F
Nationality
D
Signature

pearl ID

Pearl ID
Personalisation in perfection

LASER ENGRAVING -
GREY SCALE (BOTH SIDES)

ID CARD SOLUTIONS
Surname
SUMM
Given name
LISA
Date of birth
1981/0
Date of exp
2018/0
F   E
Signature

LASER ENGRAVING - MLI/CLI

1981/01/31

CHIP ENCODING - CONTACT/
CONTACTLESS/DUAL INTERFACE

SIM CARD SOLUTION

HD DOD INDUSTRIAL
COLOUR PRINTING

ID CARD SOLUTIONS
Surname
SUMM
Given name
LISA
Date of birth
1981/0
Date of iss
2018/0
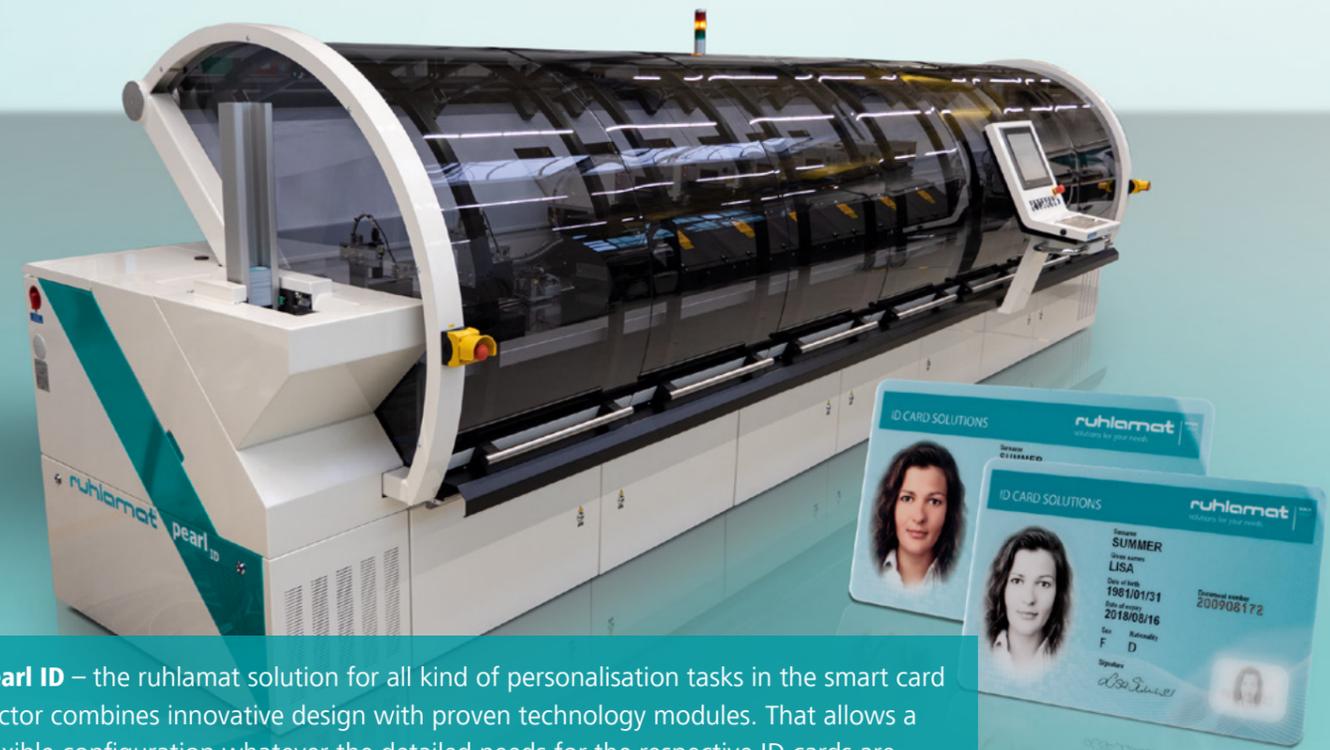F   E
Signature

PHOTO PERFORATION

LASER PROTECTED
IMAGE

Security Features **Pearl ID**

> Clear Laser
> Foil Application incl. Holographic Features
> Tactile Laser Engraving
> Magnetic Stripe Encoding
> FUSE-ID
> MRZ
> QR-Code
> Chip Encoding
> Clear Window
> Holo Stripe
> Jura Letterscreen
> True Window Lock (by Thales)
> Hidden Images (JURA IPI)
> CLIP ID (by veridos)

ID CARD SOLUTIONS
ruhlamat | MACK
solutions for your needs.
Surname
WINTER

ID CARD SOLUTIONS
ruhlamat | MACK
solutions for your needs.
Surname
SUMMER
Given names
LISA
Date of birth
1981/01/31
Date of expiry
2018/08/16
Sex   Nationality
F   D
Signature
Document number
200908172

Pearl ID
Benchmark for smart card personalisation

ID CARD SOLUTIONS
ruhlamat

ID CARD SOLUTIONS
ruhlamat
Surname
SUMMER
Given names
LISA
Date of birth
1981/01/31
Date of expiry
2018/08/16
Sex   Nationality
F   D
Signature
Document number
200908172

Pearl ID – the ruhlamat solution for all kind of personalisation tasks in the smart card sector combines innovative design with proven technology modules. That allows a flexible configuration whatever the detailed needs for the respective ID cards are.

Benefits and features:

> Contact, contactless or combined dual interface chip loading in one encoding tower

> Drop on Demand high-speed colour printing, laser engraving or a combination of both technologies

> MLI, CLI and a variety of inline optical inspection systems are the major building blocks for a customised and efficient configuration of your Pearl ID

> **More technical details:**

Software packages

DMS

PERSONALISATION
DATA MANAGEMENT
SYSTEM

JOB

JOB CREATOR

PersoDLL
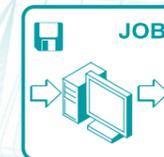
CHIP ENCODING
PLATFORM

PersoDLL SDK

SOFTWARE
DEVELOPMENT
KIT

AaBb

SOFTWARE FOR
OPTICAL
VERIFICATION/
RECOGNITION
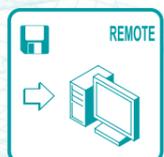
REMOTE

REMOTE
MAINTENANCE
SERVICE