# 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.
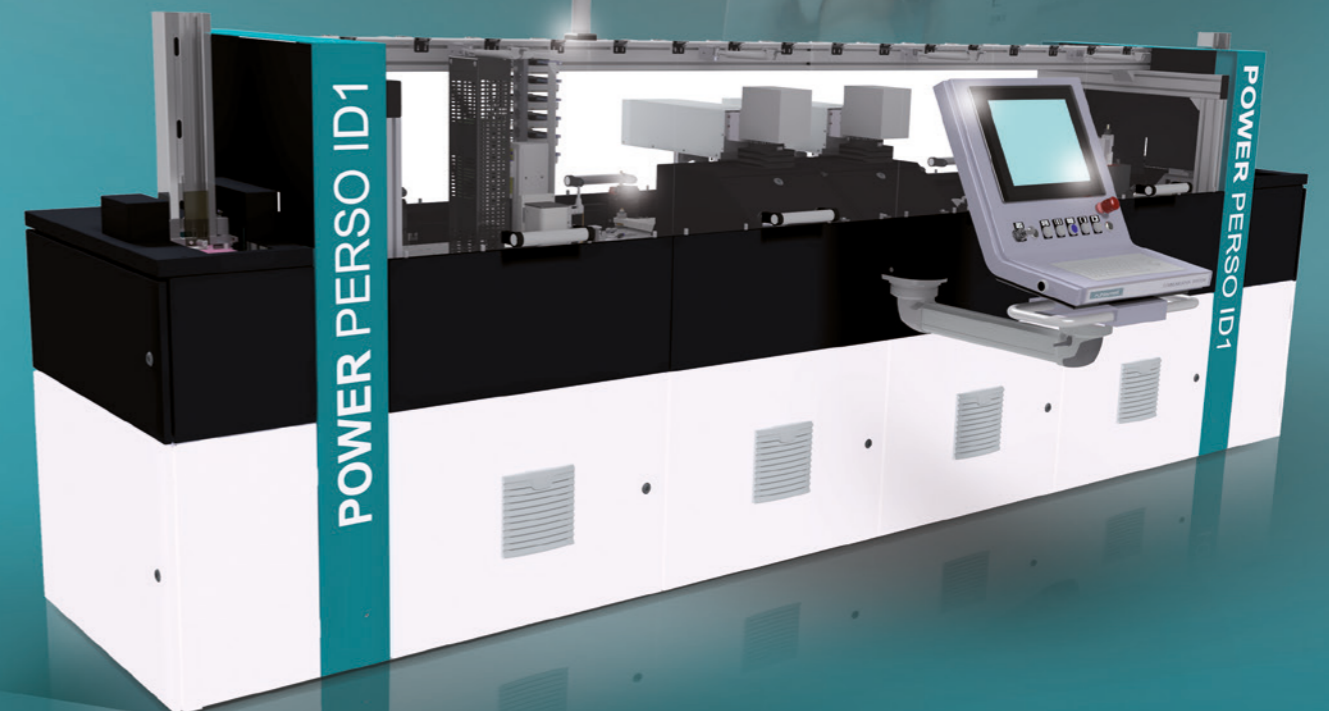
## ruhlamat – customised machine solutions for

> Chip Module Production

> RFID Inlay Production

> Card Production

> Card Personalisation

> Card Quality Control

> Passport Personalisation

> Passport Quality Control

> Special Machinery

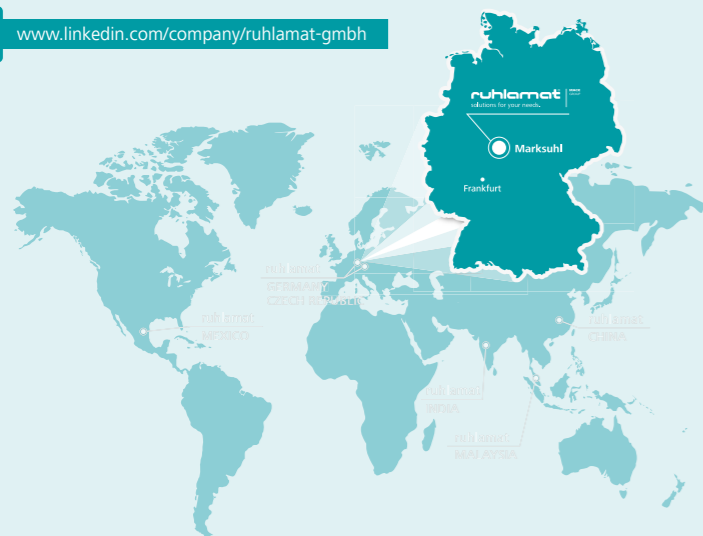**ruhlamat** | MACK GROUP
solutions for your needs.

## Smart Card Personalisation

Marksuhl
Frankfurt

SEIT | SINCE
1991

**ruhlamat** | MACK GROUP
solutions for your needs.

SIM CARD SOLUTIONS

PIN:   1234
PUK: 12345678

BANK CARD SOLUTIONS

4478 6395 102

Account No.        Valid t
2134567890        11/20

Lisa Summer

ID CARD SOLUTIONS

Surname
SUMMER
Given names
LISA
Date of birth          Document number
1981/01/31            2009908172
Date of expiry
2018/08/16
Sex      Nationality
F        D
Signature

POWER PERSO ID1

# PowerPerso ID1
## Personalisation in perfection

LASER ENGRAVING -
GREY SCALE (BOTH SIDES)

LASER ENGRAVING - MLI/CLI

CHIP ENCODING - CONTACT/
CONTACTLESS/DUAL INTERFACE

HD DOD INDUSTRIAL
COLOUR PRINTING

PHOTO PERFORATION

LASER PROTECTED
IMAGE

### Security Features **PowerPerso ID1**:

> 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)

# PowerPerso ID1
## Benchmark for smart card personalisation

**PowerPerso ID1** – 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 PowerPerso ID1
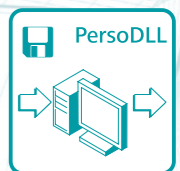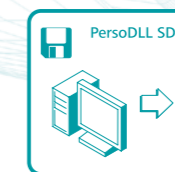
> **More technical details:**

Coming soon

## Software packages

**DMS**
PERSONALISATION
DATA MANAGEMENT
SYSTEM

**JOB**
JOB CREATOR
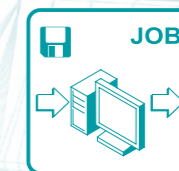
**PersoDLL**
CHIP ENCODING
PLATFORM

**PersoDLL SDK**
SOFTWARE
DEVELOPMENT
KIT

**AaBb**
SOFTWARE FOR
OPTICAL
VERIFICATION/
RECOGNITION
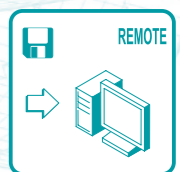
**REMOTE**
REMOTE
MAINTENANCE
SERVICE