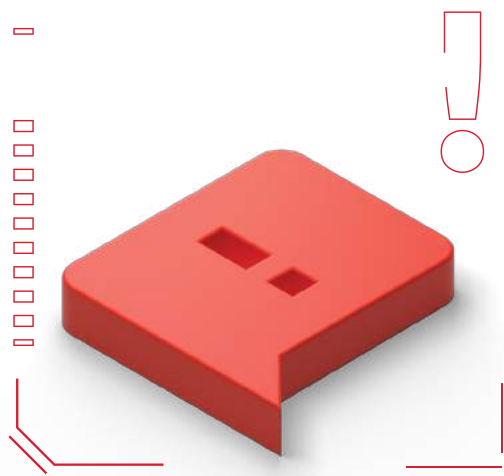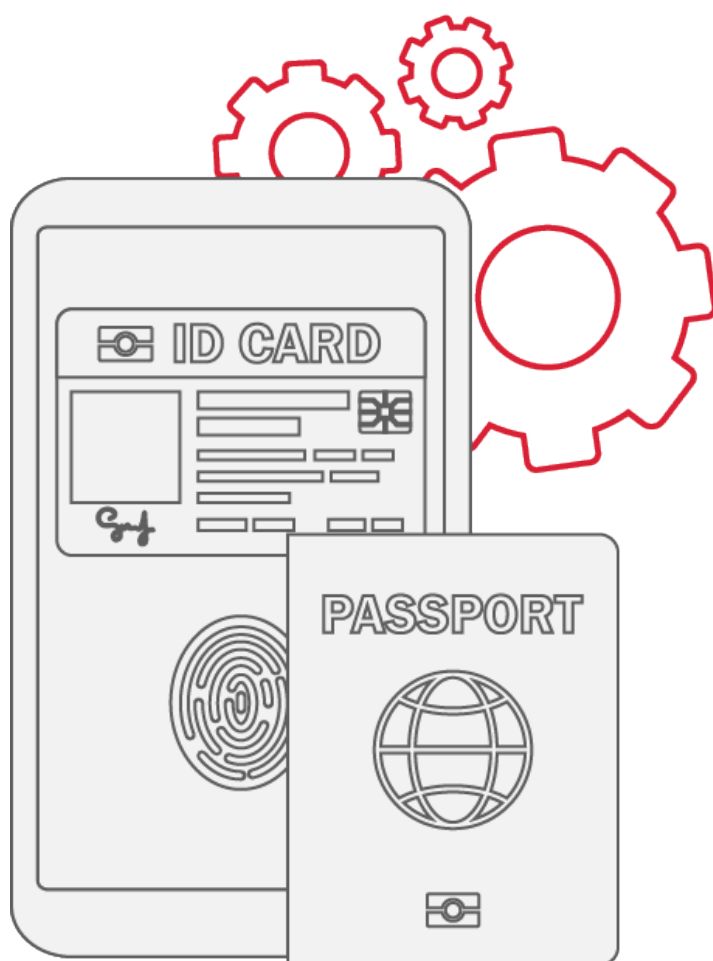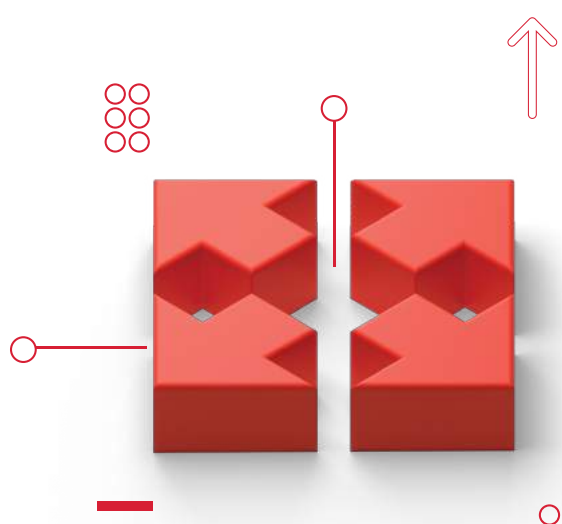# ID & Passport Manufacturing & Personalization

Product Overview

Identity documents are a fundamental tool for all citizens. Nearly all their transactions and interactions with governments and institutions are validated by ID cards and passports. Without them, they may lose access to health care, voting rights, education, communication, transportation, banking, and more…

While the digital transformation continues, we continue to face major challenges with the increasing threat of forgery and tampering which constitute critical threats to national security everywhere. And in the realm of this disruptive transformation, every nation around the world strives to manufacture forgery-proof, quickly checkable and durable identification documents.

As a major player in the journey of innovation and cutting-edge technologies, Tahaluf is proud to offer a customized and secure encrypted solution for printing ID cards and passports using state-of-the-art tamper-proof techniques and equipment, such as laser printing and liquid coating for colored areas
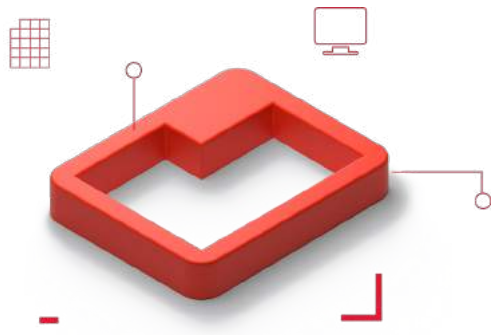
Benefits

○ Chip-equipped ID card to enhance security, prevent forgery and tampering, and avoid identity theft

○ Monitoring/tracking and quality assurance to verify the transactional data of issued cards and requests, and keep track of the number of issued, defected or misused cards.

○ Cost-effective

○ User-friendly intuitive operation and service

○ Highest quality, durable material

○ Flexibility to use various input systems

○ Eliminates human error

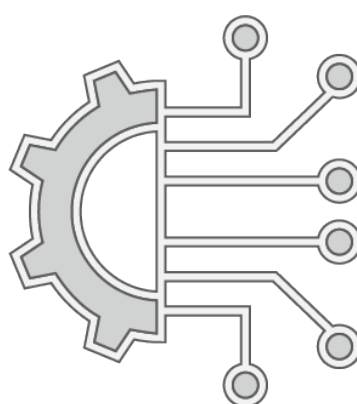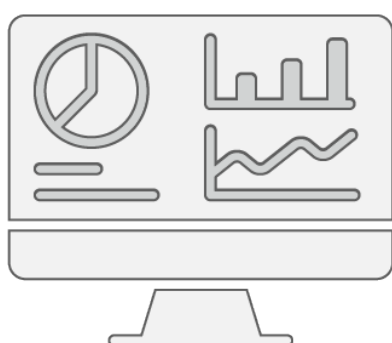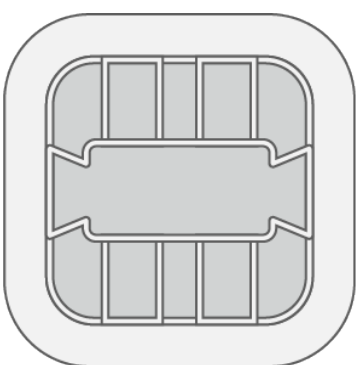○ Contactless solution

○ Fast printing process

Modules
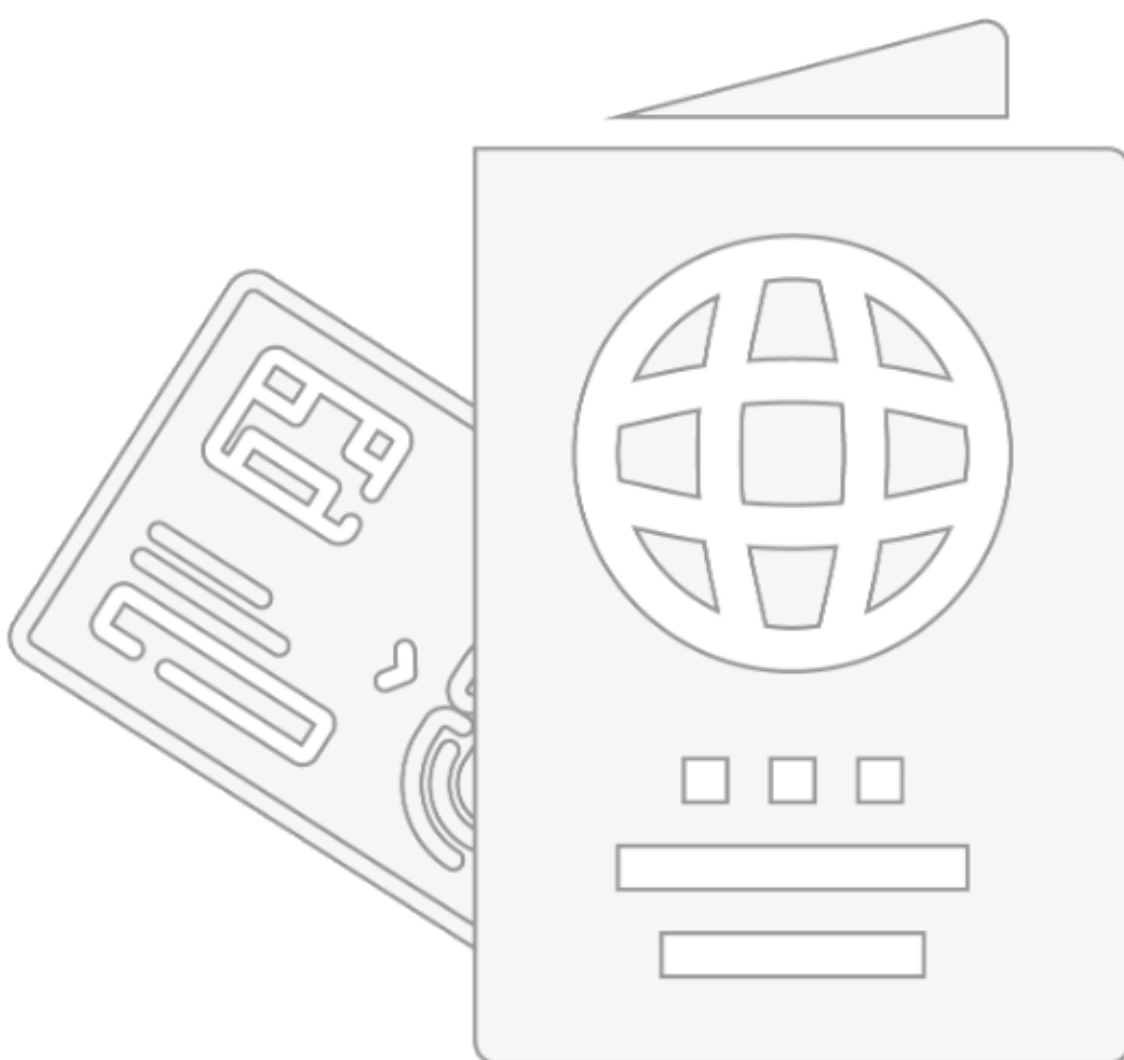
- Payment

- Customized chip encoding

- Operator portal

- Site management portal

- Administration portal

- External integration module

- Printing machines integration module

- Asset management module

- Printing batches management module

- Sites management module

- Machines management module

- Operation shifts module

- System security module

- Notification module

- Logging module

Features

○ Encrypted chipped ID cards that can't be read or copied by unauthorized devices

○ Smart detection of fake/defective ID cards

○ Post printing scan to detect any design or printing defects

○ Cutting-edge technology, delivering high performance

○ Easy integration with external printers

○ Easy integration with external systems

○ Customizable passports and ID cards

○ Optical inspection systems for input / output verification

About Tahaluf

In an effort to define the digital landscape for the region, Tahaluf was established in 2015 as a strategic initiative for the nation's quest for digital transformation.

Since its inception, Tahaluf has strived to provide the latest state-of-the-art solutions and services to keep businesses secure and at the forefront of the future. By solidifying its position as an innovative industry leader offering integrated solutions and services across the country and internationally, Tahaluf has established itself as a leading national presence in IT and cybersecurity.

Tahaluf' s growing legacy has become intrinsically woven into the technological advancement of the UAE, shaping, and elevating the government's determined strive to achieve its ambitious vision built around smart cities and infrastructure developments. With this vision, Tahaluf intends to continuously cultivate innovation and transformation, provide cutting-edge security solutions, and create a future of possibilities in the UAE and beyond.

WE DO IT WITH PASSION

Features

- User-friendly intuitive interface to manage production and personalization

- Contactless chip encoding

- Laser engraved coloured pictures

- Customizable solution adapted to customers' requirements

- Fully independent from cards body supply and cards material supply

- Sustainable environment-friendly materials

- Special secure printing inks and layers