

SMART Border Practical application

24 February 2026

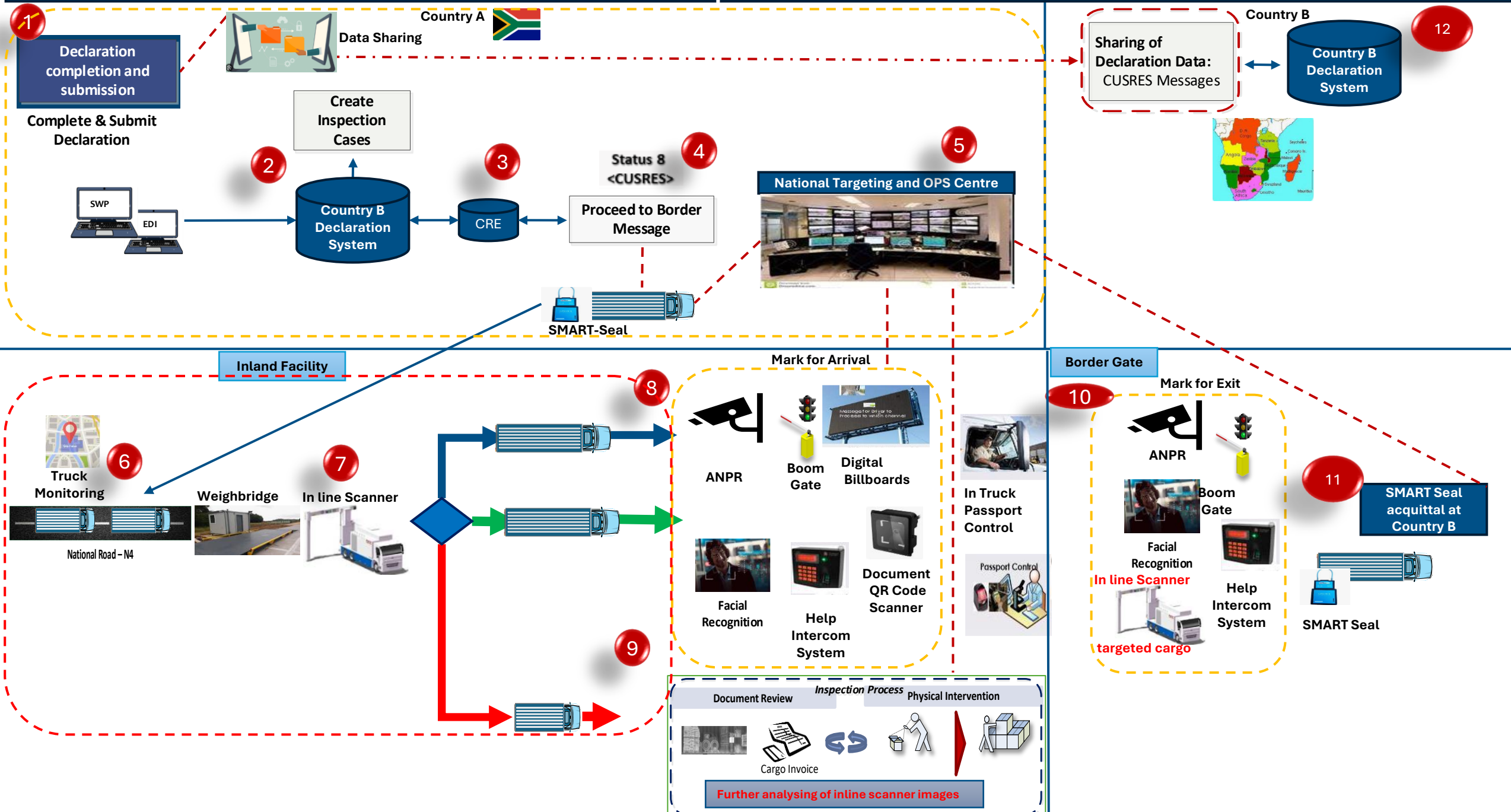


SMART Border goals

To-Be process is based on moving Customs and other OGA's to the Pre-arrival depot and have the border facility to be the gateway to cross over to the neighbouring country once all processes are in the clear.

- Fully automated border processes to be implemented at the port and
- Only exceptions to be dealt with at the port.
- Resulting in optimised flow through ports and maximising compliant trade.
- Moving vital skilled resources to core facilities and leveraging their advanced skills through centralised on-line technology
- Provide secure technology platforms through mobile processing tools like, **SMART Seals** tablets, body cameras, inline smart XRay scanners, MS Teams and CCTV cameras to assist with frontline work and mitigate risk to the key frontline officers.
- Assist with discipline and on the spot centralised knowledge pool to remote officers.
- Cover more areas through technology assist and focus resources on vital hot-spots.

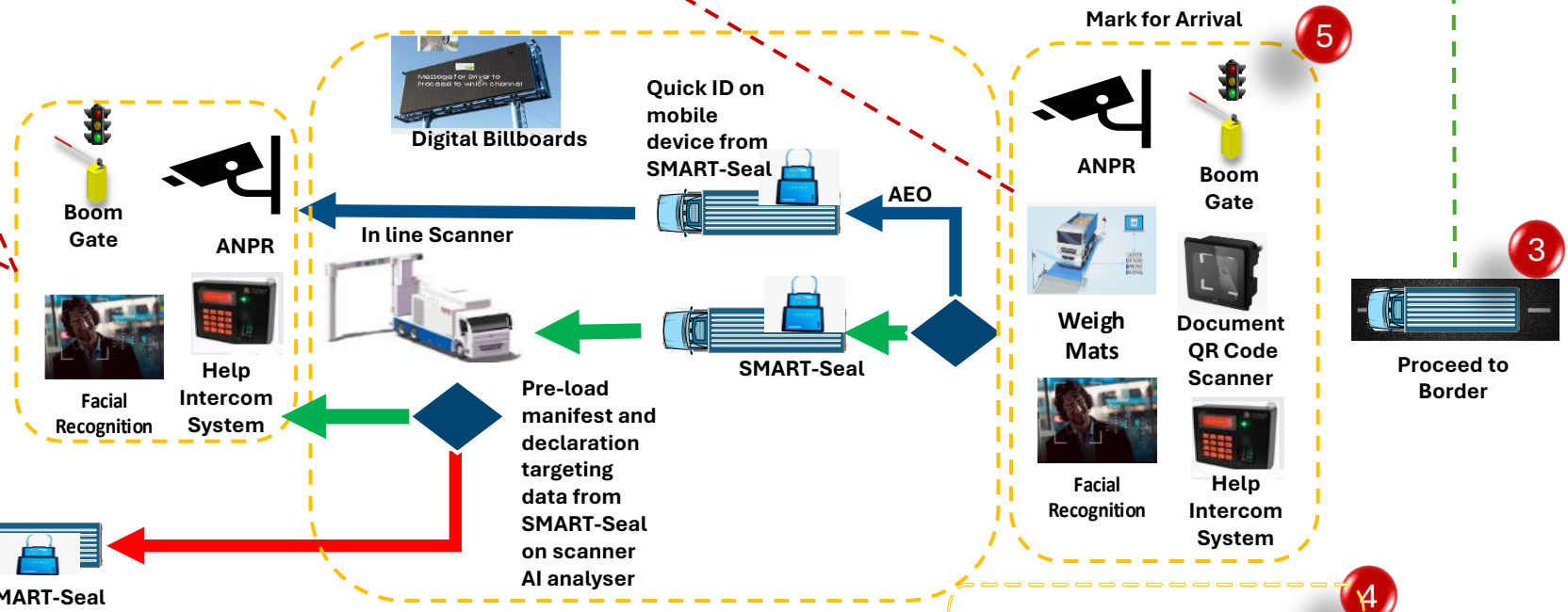
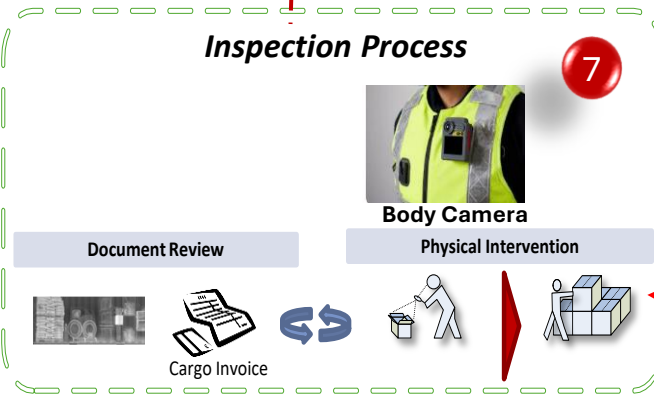
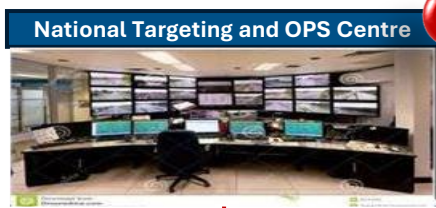
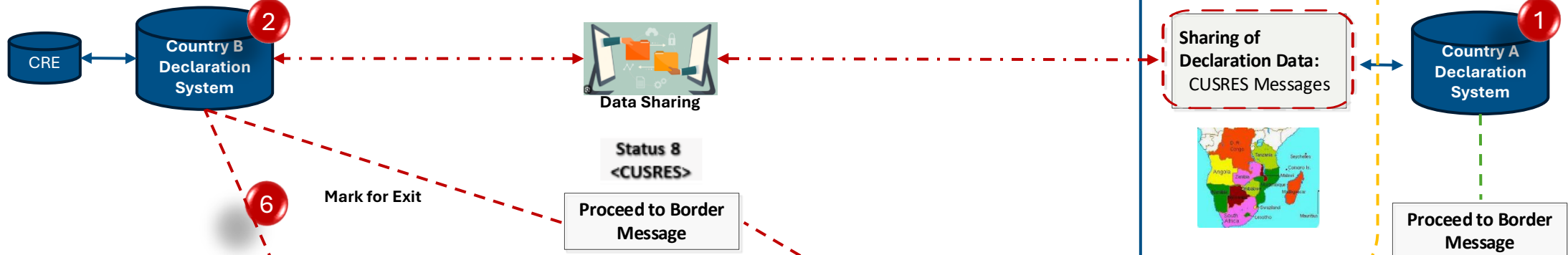
SMART Border Export Process Overview



SMART Border Cargo Process Overview (Import)

Country B 

Country A



Technology and Infrastructure Requirements

- In line scanners (non-intrusive) checkpoint with Artificial Intelligence (AI) comparing of images between transit and inspection points and integration to predictive risk solution for fast analysis through AI solution
- Interactive SMART GPS tracking seals for faster controls on cargo carriers to supplement the Number Plate Recognition (NPR) with biometric integration and intelligent point to point tracking and cargo lock/unlock controls with online authorisation and audit control through AI tracking tools
- Integration of SARS Mobi TMS application with BMA/DHA biometrics solution to enable touchless driver (incl. passengers) and vehicles seamless checkpoint (incl. empties and temp imported vehicles)
 - use link between TMS Mobi solution and Cargo Solution to ID truck and process all crossings
- Latest generation detection technology and XRay scanners for contrabands e.g drugs and explosive detectors for fast recognition of illicit goods – pre-load of cargo risk package through SMART Seal before scan to enhance scanner AI analysis tools
- 24/7 Camera Surveillance
- Electronic communication boards/ Clear signage at customs and border premises
- Traffic Lights – directing traffic to the required lanes and in depot / port movement
- Turn-around circles to allow for easy traffic flow in the premises
- Automated Boom Gates to guide and control traffic flow

Key initiatives currently in progress

SINGLE WINDOW

- Online trader portal
- Single inspection workflow for applicable Government Agencies
- Certificate Pre-Arrival validation to eliminate unnecessary inspection delays

CONNECTIVITY

- Customs to customs data connectivity - “your import my export”
- Shared risk targeting

TRAVELLER MANAGEMENT

- Online traveller declaration solution for all air, sea and land travellers with integrated risk engine for inspection selection
- Online logging of temporary imports and exports
- Online payment for traveller declarations available in December with mandatory declarations as per FATF requirements

SMART BORDERS

- Automation of border processing
- High risk cargo tracking with SMART Seals & Telematics managing of cargo flow on border routes
- inspection body cameras quick TAT on inspections
- Centralised NII analysis with integrated AI tools