

Automated Border Crossing Operational Checklist

Pre-Dispatch Fleet Inspection, Electronic Seal Guidelines & Scanning Standards for Forwarders

1. FLEET PRE-DISPATCH INSPECTION CHECKLIST

ANPR & Optical License Plate Compliance

- ☐ **Plate Surface Readability Verification:**
Ensure front and rear license plates are clean, free of oil/mud, undamaged, and strictly match the registration stored in the eTIR/eCustoms pre-declaration portal.
- ☐ **Standard Plate Mounting & Reflectivity:**
Plate must be horizontally aligned without acrylic covers, tinted frames, or retro-reflective anti-flash coatings that degrade Automatic Number Plate Recognition (ANPR) camera accuracy.

IoT Smart Seal & Battery Health

- ☐ **Battery State of Charge (SoC):**
Verify that the electronic IoT tracking seal maintains a minimum 85% battery charge prior to departure to support continuous GPS/GPRS telemetry across the entire transit corridor.
- ☐ **Cryptographic Binding & Sensor Verification:**
Confirm the Smart Seal ID is electronically bound to the e-CMR/e-BL payload in the driver app. Check optical tamper-detection LEDs (Green = Secure / Red = Tampered).

2. STANDARDIZED DOCUMENT SCANNING & UPLOAD SPECIFICATIONS

Supplementary trade documents (phytosanitary, health clearances, certificates of conformity) must meet OCR readiness standards to prevent manual customs review delays.

Document Type	File Format	Min Resolution	Color Mode	Max File Size
Phytosanitary / Health Clearance	PDF / A (Searchable)	300 DPI	Grayscale / Color	5 MB
Certificate of Origin (CoO)	PDF or PNG	300 DPI	Color (Stamp visible)	3 MB
Quality Standard Certificate	PDF / A	200 DPI	Grayscale	4 MB
Driver Identification / Passport	JPEG / PNG	300 DPI	Full Color	2 MB

CRITICAL RULE FOR DISPATCHERS: Do NOT submit photo snapshots taken via hand-held mobile cameras unless flattened and converted using approved document scanner applications with automatic perspective correction. Curved edges or shadows will cause OCR failure.

3. DRIVER QUICK GUIDE: AUTOMATED BORDER GATE CROSSING

To All Fleet Drivers: Follow these instructions step-by-step when approaching automated express transit gates at the border crossing.

1

Approach Express Lane
Enter the dedicated "Smart Gate / eTIR Express Lane". Maintain speed under **15 km/h** to allow ANPR camera plate acquisition.

2

Stop at Primary Scanner
Bring the truck to a complete stop at the stop line. Ensure headlights are switched to low-beam so camera lenses are not blinded.

3

Scan QR Code / NFC
Present the Digital Transit Pass QR Code (on the driver tablet/phone app) or tap the NFC token against the terminal reader.

4

Automated Inspection
Remain seated inside the cabin while volumetric optical sensors and RFID readers validate the cargo seal integrity automatically.

4. GATE TRAFFIC LIGHT SIGNAL PROTOCOL

Gate Light Indicator	System Status	Required Driver Action
GREEN LIGHT	Clearance Approved	Barrier opens automatically. Proceed through border gate without stopping.
AMBER LIGHT	Secondary Inspection Flagged	Drive directly to Bay B (X-Ray Scanner / Physical Audit) as directed by digital sign.
RED LIGHT	Data Mismatch / Seal Warning	Do NOT move vehicle. Turn on hazard lights and wait for Customs Duty Officer.

5. EMERGENCY ASSISTANCE & CONTACT DESK

In case of gate reader failure, e-Seal alarm triggering, or unexpected traffic rerouting, contact dispatch immediately:

- **24/7 Logistics Operations Control:** +971 (0) 4 800 TRANSIT
- **eTIR / Customs Technical Helpdesk:** support@platform.tendify.net
- **Vessel & Port Gate Incident Desk:** VHF Channel 14 / Channel 68