Europe · Medicines, tobacco, alcohol

# Türkiye

One of the pioneers: every medicine box has been serialised and tracked to the pharmacy since 2010. Medical devices and cosmetics are registered in ÜTS since 2017. Tobacco and alcohol carry banderol stamps.

## THE REGIME

| | |
|---|---|
| SYSTEM | **İTS (medicines), ÜTS (medical devices and cosmetics), banderol on tobacco and alcohol** |
| CODE ON THE PRODUCT | GS1 DataMatrix (GTIN, serial, batch, expiry) |
| AGGREGATION | Medicines: yes. |

## STEPS FOR A SUPPLIER

- [ ] Register your products and GTINs in the national system: İTS.
- [ ] Print a unique serialised code on every saleable pack.
- [ ] Verify every code on the line; aggregate into cases and pallets where required.
- [ ] Report production and shipments to the national system.

## ON THE LINE, BEFORE THE FIRST SHIPMENT

- [ ] The data in the code is agreed: GTIN, serial number, batch, expiry date or crypto tail, as the rules for your product group require.
- [ ] A verifier has graded printed samples (ISO/IEC 15415 for 2D codes) before the first shipment.
- [ ] A camera after the printer reads every code at line speed, and packs with an unreadable code are rejected.
- [ ] Records show which code went on which pack, case and pallet, ready for the report to the system.

## DATES AHEAD

No announced dates.

## SOURCES


1. GS1: Turkish pharmaceutical track and trace (ITS): https://mocdn.gs1.org/sites/default/files/docs/healthcare/2019.Noordwijk/Presentations-Day3/02.Day3Turkish-pharmaceutical-track-trace-system-ITS.pdf
2. TÜBİTAK: ÜTS: https://bilgem.tubitak.gov.tr/en/product-tracking-system-uts-project