

# DSCSA Item-Level RFID Compliance Brief

Drug Supply Chain Security Act (DSCSA) item-level RFID implementation brief for US specialty-pharmacy distributors.

Regulatory anchor: 21 U.S.C. Section 360eee-1 (Drug Supply Chain Security).

Enforcement: FDA Section 582 stabilisation period ended November 2024.

Data carrier: 2-D Data Matrix barcode or RFID. UHF RAIN with SGTIN-96 EPC is the high-throughput option.

Verification: GS1 EPCIS Lightweight Verification Service over HTTPS.

SLA: manufacturer must respond within 24 hours; FDA expects 99% verification success.

For the pharmaceutical case study see </case-studies/pharmaceutical-dscsa-uhf-rfid/>.

For the GS1 encoding guide see </guides/gs1-epc-encoding-guide/>.

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