

Barcode > Traceability > Solution Sheet

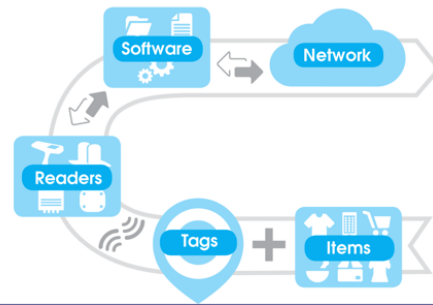


Achieve end-to-end Product ID & traceability for a smarter supply chain.

Our standards-driven, custom-built Product ID & Traceability solution (application) provides a unique identity (serialization) to every item/ product & ensures tracking at every process/ stage: from raw- material receiving to assembly/ manufacturing; testing/ quality and packing/ dispatch of finished goods. Driven by barcode, QR code & RFID, our product traceability solution is robust, scalable & easy-to-integrate (with leading ERPs) ensuring item-level identification, quality control, inventory visibility, and traceability across supply chain & product lifecycle.

PRODUCT IDENTIFICATION

- Unique ID & serialization (barcode/ QR code/ RFID)
- Printing & labeling (item level)
- Parent-child mapping (assembly)
- WIP tracking (progress)
- Quality inspection (control)
- FG item tracking (visibility)
- Item/ event reports (real time)
- Meet compliances (ISO/ GS1 standards)



DATA CAPTURE

- Automatic data capture (devices/ readers)
- PLC/ SCADA integration (data collection)
- Sensor/ IoT integration (process automation)
- Validation & verification (rules based)
- Effective QC (no manual intervention)
- Exception reporting (defects)
- Real time updates (control)

INVENTORY TRACKING

- Aggregation (item, case & pallet level)
- WMS/ SCM integration (API)
- Inventory & location data (supply chain)
- Meet FIFO/FEFO compliance (verification)
- Dispatch management (system driven)
- Cycle counts (stock reconciliation)
- ASN (advance shipping notice)



DATA SERVER (INTELLIGENCE)

- Data server (central/ networked)
- SAP/ ERP Integration (API)
- Item or instance level data (real time)
- Superior data quality (accurate)
- Unique traceability (warranty/ recalls)
- Dashboard & reports (custom)
- Notifications (on demand)

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Value Proposition

Domain expertise

Great Eastern IDTech Pvt. Ltd. (GEIPL) is a leading systems integrator & solution provider in Auto ID technologies (barcode, RFID & packaging) with expertise of 40+ years in delivering value & innovation to multitude of customers in Manufacturing, Logistics & Retail businesses.

Integrated solutions

Solutions Group provides custom-built & standards-driven Auto ID solutions that are tailored to fit unique business & customer's requirements. Needs analysis, modular approach to solution design & seamless integration with enterprise applications provides for faster ROI & long-term success.

Manufacturing capability

Leading converter of labels, tags & ribbons with state-of-the-art manufacturing operations at Gurgaon (ISO 9001:QMS & ISO 14001:EMS certified facility). The company offers a one-stop approach to all RFID & barcode media requirement (critical component in Auto ID systems) & helps meet cost, speed and flexibility using the latest technology.

Technology partnerships

Partnership with leading Auto-ID suppliers in the Industry to provide reliable & high-performance products – Toshiba Japan; TSC-Printronix Taiwan, Denso Wave Japan, Unitech Taiwan; Novexx Germany, Cognex USA, & BarTender (Seagull) USA.

Nationwide support

Team of certified and experienced engineers provides a suite of professional services: Site surveys, Implementation & Training; Integration services; & after-sales support (with strategically located regional offices at NCR/ Gurgaon, Mumbai, Pune, Bangalore, Chennai & Kolkata).



Contact

To find out more on how barcode, RFID & related Auto ID technologies can help improve business productivity and profits, please contact:



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(ISO 9001 & 14001 certified)

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