



About Navitas Life Sciences

Navitas Life Sciences brings together the proven strengths of its legacy brands Navitas, Ecron Acunova and Intelent to serve as a strategic partner to global Life Sciences companies. Navitas life Sciences leverages its industry insights and domain expertise to develop and implement consulting, technology and functional services across the spectrum of Clinical, Regulatory and Safety, to innovative and create value to address the needs of the industry uniquely.

traceREADY Warehouse Edge System

Enables Capture of Serialized Warehouse Transactions

As global regulations for product serialization and pedigree increase, many Life Sciences organisations are discovering that their legacy solutions are not configured to support new requirements. Next generation track and trace solutions are quickly evolving into a seamless network of integrated systems that include the ERP, an Event Repository, Serialization Management, Packaging Line Technology, Material Movement, and Business Process Controls. In addition, external partners, such as Third Party Logistics providers (3PLs) or Contract Manufacturers/ Packaging, must also be integrated seamlessly into the network to maintain control of serialization and chain of custody.

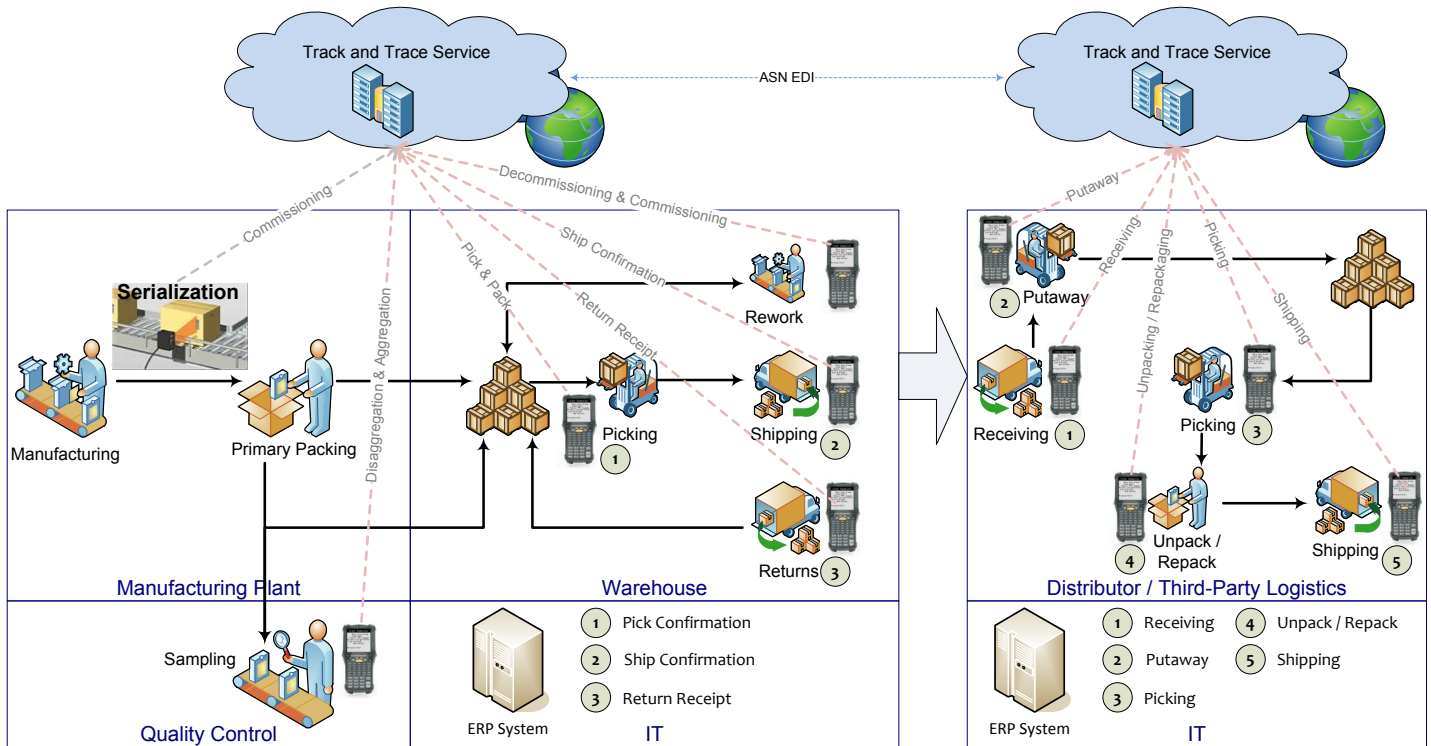
Why traceREADY Warehouse Edge System?

The current global regulations mandates recording of all business events in a centralised repository for enabling Track and Trace for supply chain security. This requires product serialisation, aggregate packaging and maintenance of business events in a centralized repository. Any changes to packaging in terms of aggregate and dis-aggregate need to be collected and stored. In order to ensure accurate and timely data from the packaging line, it is necessary to have an application to collect the required data and transfer the same to the central repository.

How Can Navitas Solutions Help?

traceREADY Warehouse Edge system have been helping companies in regulated industries, such as Biomedical and Pharmaceutical manufacturers, to maintain compliance with regulations. traceREADY has heritage in data collection that enables companies to ensure accountability and preserve a clear audit trail across systems and processes. All business events are captured using Electronic Product Code Information Services (EPCIS) format to ensure universal access to the what, when, where, and why information.

Edge System Functional Architecture



Edge System Modules

- Receiving
- Pick & pack
- Ship Confirmation
- Aggregation
- Disaggregation
- Commissioning
- De-commissioning
- Putaway / Bin-to-Bin Transfer
- Sampling
- Rework
- Returns
- Parent - Child Enquiry
- Serialized Label Reprint
- Serial Number Enquiry
- Verify Barcode
- Cycle Count

Key functions within traceREADY Warehouse Edge system include:

- Warehouse Management Operations integrated to backend ERP, WMS & EPCIS Repositories in real time
- Fully compliant to EPCIS V1.1 Standards
- Best in Class, **Bundled TnT & Edge Solution Option** (1 Vendor, less cost, faster service, more accountability)
- Labelling after Item serialization & aggregation – HDMA & ASN labels
- Pre-configured “out-of-the-box” modelling, allowing for fast implementation with minimum change management
- **Alternative Ownership Options**, optimizing TCO management - Fully Licensed / Leasing
- Multiple deployment options – **Cloud & On-Premise**
- Parent-child relationship management along with view capability on handheld Devices
- Handles high volume of data and effective queue management to EPCIS Repository
- Flexible integration using API, backend Telnet connection & Messaging queues / Brokers



A TAKE Solutions Enterprise

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