![TurningPoint Systems logo]

TurningPoint Systems' EPCIS (Electronic Product Code Information Services) Initiative

Serialization and track & trace are critical aspects of the Drug Supply Chain Security Act (DSCSA). Because of the need for these controls by distributors, manufacturers and the 3PL environments, EDI has become a mandatory solution for managing the process of EPCIS XML and 856 x12 documents.

Our staff resources have an established understanding, not only of the construction, mapping, and communication aspects of the EDI XML/ x12 environments, but also the equally important interface points with customer's business systems.

TurningPoint Systems' EPCIS Initiative

- Most recently has been expanded to includes the FDA Rx DSCSA (Drug Supply Chain Security Act) mandated Serialization and EPCIS requirements for covering the distributor, manufacturer, and customer aspects of communications.
- Obtains the EPCIS XML and 856 x12 documents from L4s, and custom data from manufacturers, or other suppliers.
- Delivering data-sharing capabilities throughout the supply chain.
- Consists of functional areas for handling a variety of business processes, like inter and intra-organizational connectivity, reporting, application programming interfaces, and other enterprise-level functions.

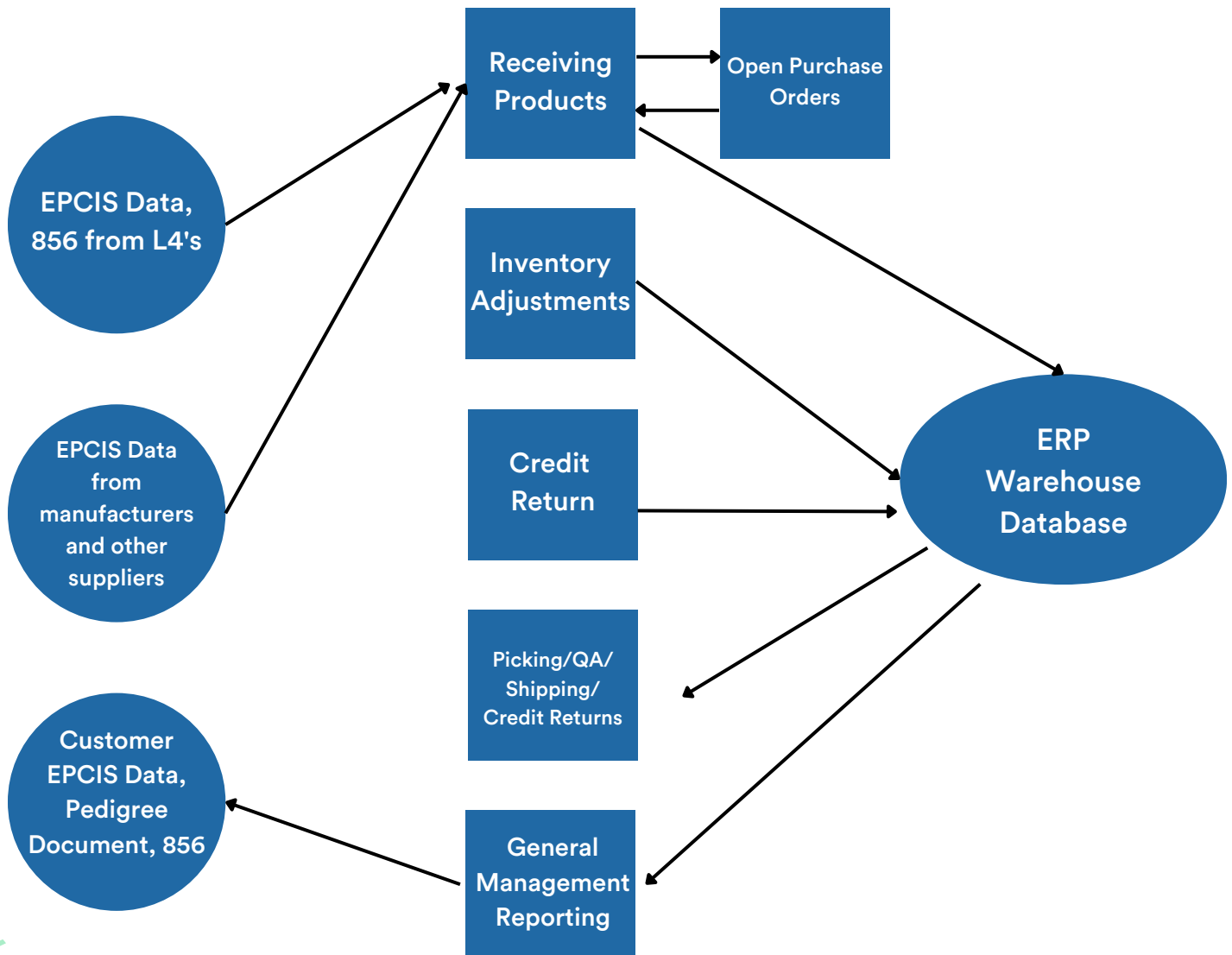## Key Elements of our EPCIS Initiative Solution?

✅ <u>User Interface:</u> The user interface via Customer WebPortal and EDI or other Electronic media.

✅ <u>Centralized Location:</u> A chief concern is to provide functional areas with the ability to handle business logistics. Centralization and secure connectivity are a must.
  - For example, warehouse and distribution center workers will need to perform business processes on data collected at receiving, picking, and returns on the lifecycle of each item.

✅ <u>Security:</u> Our secure system will use multi-factor authentication (MFA).

✅ <u>Auditing:</u> It is critical that all actions taken by any user (human or electronic) are audited. Audits include user IDs, dates and times, a description of changes, and values before and after changes.

✅ <u>Centralized Data:</u> This allows the ability to collect and centralize the data from a site-wide system, and to provide auditing into the Track & Trace Serialization controls.

Key Elements of our EPCIS Initiative Solution Continued

✅ <u>Message Intermediation:</u> This is where communication between two or more systems occurs, transforming AJAX into XML, XML into CSV, or one XML format into another XML format before data is moved to another system.

✅ <u>Serial Numbers Management:</u> Our ERP database is the primary repository for recording product serial numbers.

✅ <u>Business Processes:</u> Our ERP executes business processes that help to define issues a customer must solve to be compliant with government regulations and/or their own standard operating procedures. Examples include packing, shipping, reporting, printing, and sending/receiving files or data to and from other systems.

✅ <u>Reporting:</u> Reports are always a requirement in any enterprise-level software system and can be thought of in two classes: industry reports and customer-driven reports.

ERP Components for Warehousing Control

Capture/Scan Serial Numbers for Applicable Items

Eliminate Mistakes and Improve Efficiency with TurningPoint Systems

📞 (978) 381-0131   ✉️ Eleblanc@turningpointsystems.com   🌐 TurningPointSystems.com