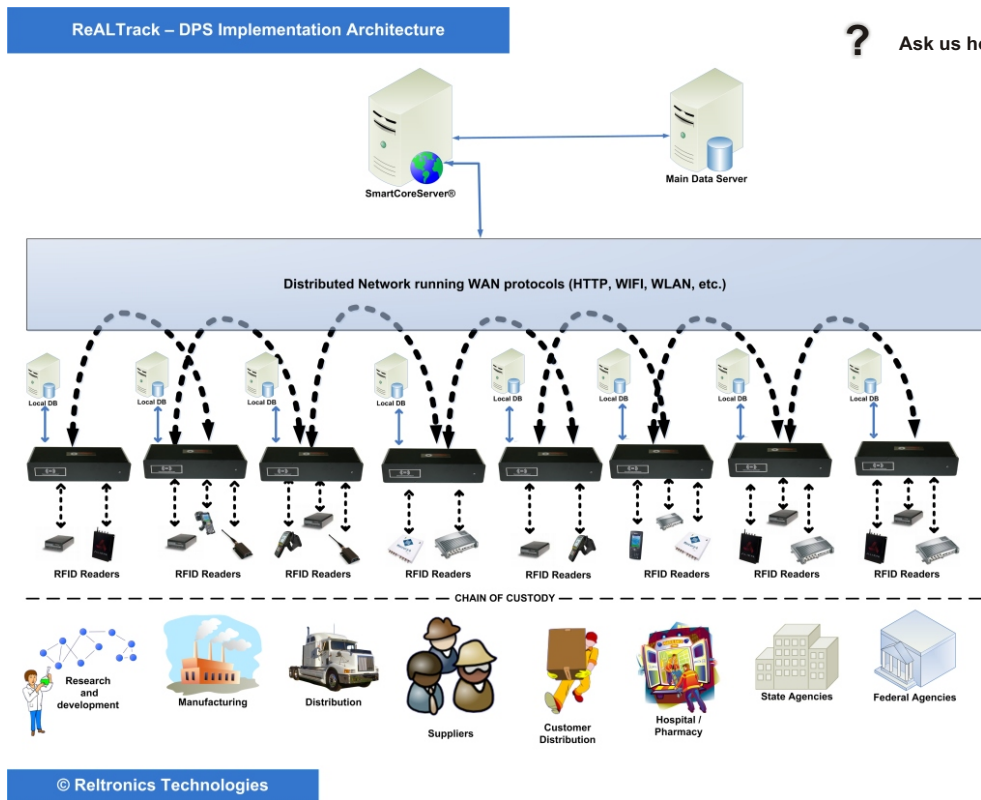


- +** Add Values
- Reduce Overhead
- ÷** Re-Engineer the Business Process
- ×** Multiply Returns On Investment
- ?** Ask us how



ReALTrack-DPS

ReALTrack - Drug Pedigree and ePedigree System

Counterfeiting medicines is a serious crime that puts human lives at risk and undermines the credibility of health systems. Because of its direct impact on health, counterfeiting medicines are combated and punished accordingly.

One way to combat the problem of an illegitimate product making its way through the supply chain is to utilize the ReALTrack-DPS offered by Reltronics Technologies. ReALTrack-DPS utilizes RFID that has the potential to verify authenticity of drugs thereby making them safer and helping to secure the integrity of the drug supply chain.

Reltronics Technologies ReALTrack-DPS (Drug Pedigree System)

ReALTrack-DPS is a data collection system based on utilizing tiny RFID microchips attached to a box, pallet or any individual items that communicate with multiple SmartInstrument™ using radio waves. Device readers capture data from the tags and, in some cases, write to them as well. SmartInstrument™ then collects, organizes and distributes the data. The combination of these chips, sensors and SmartInstrument™ technology vastly improves supply chain operations and is increasingly providing substantial business benefits. For example, the chain of custody rules within ReALTrack-DPS that provides a real time status of the authenticity from where the drugs originated.

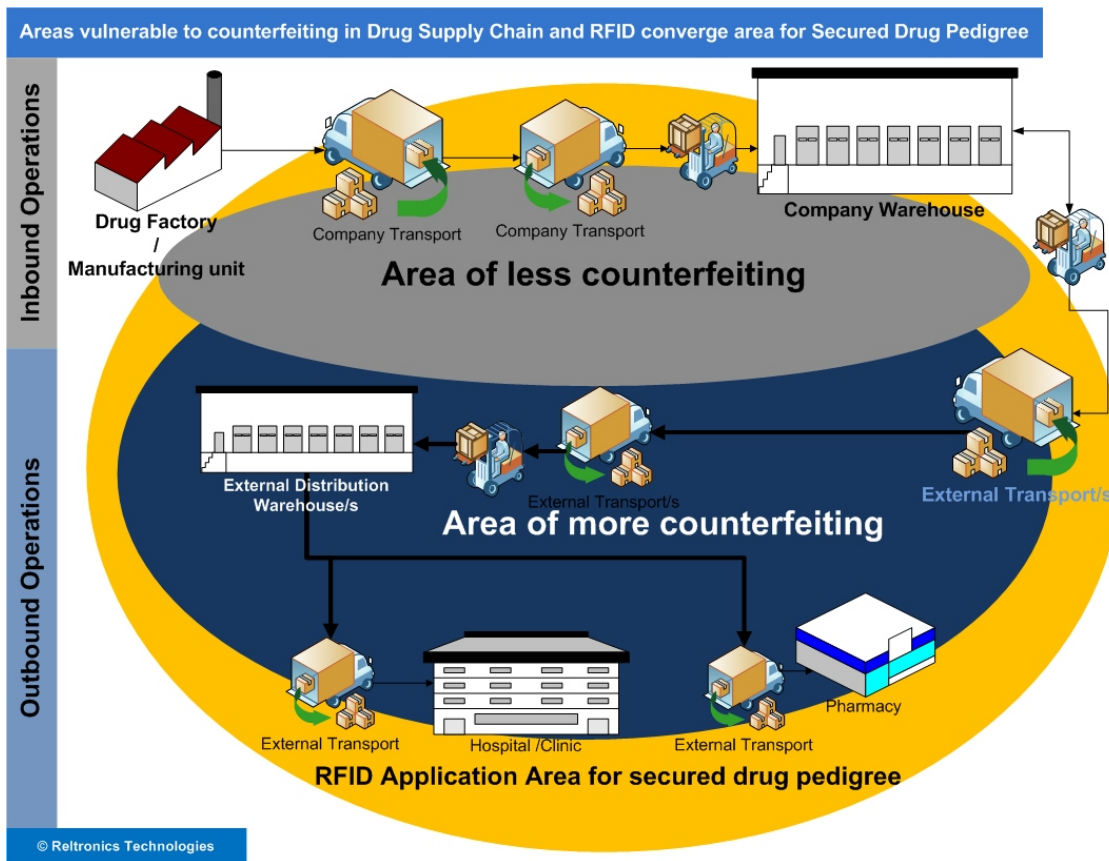
ReALTrack-DPS is an available stand-alone application which is also integrated with the Reltronics Technologies SmartInstrument™ middleware, that interprets the RFID tag reads. The outcome of ReALTrack-DPS involves in providing an accurate drug pedigree which documents the drugs that was manufactured and distributed under authorized conditions. ReALTrack-DPS provides traceability at each step of the chain, from the manufacturer to the dispenser, and implements RFID technology by documenting all the tags and ensuring that only legitimate product make its way to the consumer.

ReALTrack-DPS adopts a multi-layered approach towards secured implementation of Drug Pedigree System. ReALTrack-DPS identifies vulnerable areas in Drug Supply Chain and measures the application area, through which counterfeiting can be reduced to the maximum extent.

ReALTrack-DPS makes two important divisions in the existing Drug Supply Chain:

1. Company internal operations: This relates to the company manufacturing unit, the factory, the laboratory, company transport, company warehouse and company-controlled supply chain components. Unless there is malicious intent within the company personnel, there is very less chance of counterfeiting.
2. Company-external operations: This division is more prone to counterfeiting, where the company has no control over the operations (such as storage, security, transportation, delivery etc.).





ReALTrack-DPS is capable of handling multiple authentications concurrently. Moreover, ReALTrack-DPS also supports RFID technology and provides item and palette level identification and enhances the security and provides total visibility in the Drug Supply Chain.

ReALTrack-DPS integrates with Microsoft's layered RFID infrastructure and products to support any size organization or industry vertical, including manufacturing, pharmaceutical, or aerospace. Also, the combination of Microsoft's technology platform and the use of the ReALTrack framework allows ReALTrack-DPS to support many other RFID and sensor networks and applications.

As an example, ReALTrack-DPS inherently links with Reltronics Technologies' ReALTrack-AMS which is an asset tracking, data collection and management software, utilizing many technologies such as RFID, Barcode, Bluetooth, GPS, GSM, Wi-Fi, etc.

Third-party application support

ReALTrack-DPS supports third party asset accounting applications such as the Microsoft Dynamics Great Plains, Dynamics CRM, NextGen, SAP, JD Edwards, etc.

Reltronics Technologies integrates all the readers available in the market and enables various functionalities of the application such as AMS, RMS, ReALTagCoder, SmartMobile and ReALTrack-Locater. The SmartInstrument™ is a versatile middleware which supports the following readers:

- ✓ Intermec IP4
- ✓ Intermec IF5
- ✓ Motorola Symbol MC9000
- ✓ Motorola Symbol MC9090
- ✓ Motorola Symbol XR400
- ✓ Alien ALR9800
- ✓ Psion 7435 Gen 2
- ✓ WaveTrend RS-232
- ✓ WaveTrend TCP/IP
- ✓ ThingMagic M4
- ✓ ThingMagic M4e/h

- ✓ ThingMagic M5e/h
- ✓ Intelleflex Family of readers

The versatility of SmartInstrument™ enables it to be the most efficient, plug and play RFID middleware and the ReALTrack-DPS application allows implementation of better control for a successful operation of any business, large or small.

Benefits of ReALTrack-DPS

Clear Chain of Custody Visibility:

ReALTrack-DPS monitors the drug supply chain as "Chain of Custody" and works on fully scalable and robust **ReALTrack RFID and sensors framework**.

Total Supply Chain Visibility:

ReALTrack DPS provides the tracking feature of goods moving through the supply chain and therefore total supply chain visibility. This makes it possible to shorten the order-to-cash cycle, detect and resolve delivery exceptions, prevent out-of-stock situations, and pinpoint affected product in a recall, while minimizing inventory and safety stock levels.

Real-time visibility supports vendor-managed inventory programs, and assists to prevent the shrinkage and diversion, and discourages counterfeiting by making it easier to identify counterfeit products. End-to-end visibility supports the record maintenance needed for secured e-pedigree tracking for the pharmaceutical industry.



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