ezSerno®

Makes Serialization Easier

GS1 Certified EPCIS System

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Pharmaceutical Serialization

As more and more governments enact legislations requiring serialization of all pharmaceutical products, serialization is no longer a matter of "if", or even "when"; it's just a matter of how you implement it effectively and efficiently to maximize its business benefits, rather than to merely make a compliance-mandated investment.

However, given the time-pressing deadlines and ever-changing requirements, pharmaceutical companies must ask themselves these questions before planning the implementation of serialization.

- ❓ Do we understand each and every regulatory requirement, as currently there is no standard or global regulatory body that governs the serialization?
- ❓ Do we have an adaptive solution to implement, as the regulatory and business requirements evolve?
- ❓ How do we integrate the existing business processes and systems into serialization?
- ❓ How do we preserve the system performance as data volume from serialization doubles every 2 years?
- ❓ How do we communicate and share data with our business partners throughout the entire supply chain?

ezSerno - Makes Serialization Easier

ezSerno® is a suite of products that makes the implementation of serialization much easier. Based on more than 6 years first-hand experiences at more than a dozen of large and small pharmaceutical companies, ezSerno has been designed to implement serialization in the most efficient and effective way. By using the latest Java technologies and many open standards, ezSerno can integrate serialization into your supply chain at the lowest costs with maximum business values. ezSerno is the answer to all your questions and business needs for serialization.

Highlights

- ✓ A complete serialization solution that covers operational lines, sites and enterprise level data collection and processing
- ✓ A GS1-certified EPCIS-compliant system that makes communication and data sharing with partners much easier
- ✓ Built-in integration tools that make integration with existing business systems and services much easier
- ✓ Architecture designed using Profile Based Adaptivity (PBA) that makes future changes and extensions much easier
- ✓ Out-of-box services and modules that significantly reduce the implementation time, cost and efforts
- ✓ Flexible and easy deployment of different components and modules that can grow with your business
- ✓ Role-based access control that meets your security and auditing requirements
- ✓ Pre-built Serial Number Management that supports GS1 standards, Europe EFPIA and China SFDA requirements, and can easily be extended to support other encoding types

ezSerno Provides:

- Serial Number Management
- EPCIS Capture/Query Services
- Mobile & Desktop Rich UI
- Interactive Web Reporting
- Track & Trace
- Serialized WM/IM
- Asset Management
- Recall Management
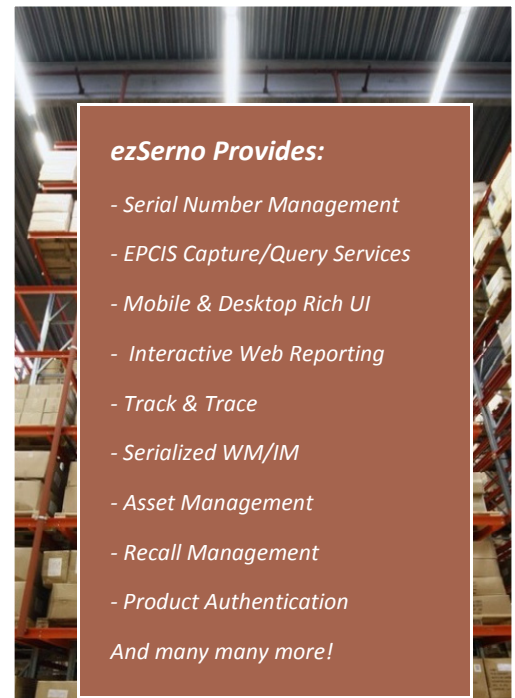- Product Authentication

And many many more!

Benefits of ezSerno

Implementing ezSerno does not only keep you ahead of schedule for your serialization requirements, but also gives you many business benefits that protect your existing IT investments and improve performance in many business areas while allowing you future adaption and extension along with the evolving regulatory requirements and business environments.

◉ **Prebuilt solution modules** can be leveraged to reduce the implementation efforts and timelines significantly. It will keep you on track to complete the first phase of serialization ahead of schedule. Commission/Decommission, Pack/Unpack, Load, Receive, Consolidate, Query, Web Reports are some examples.
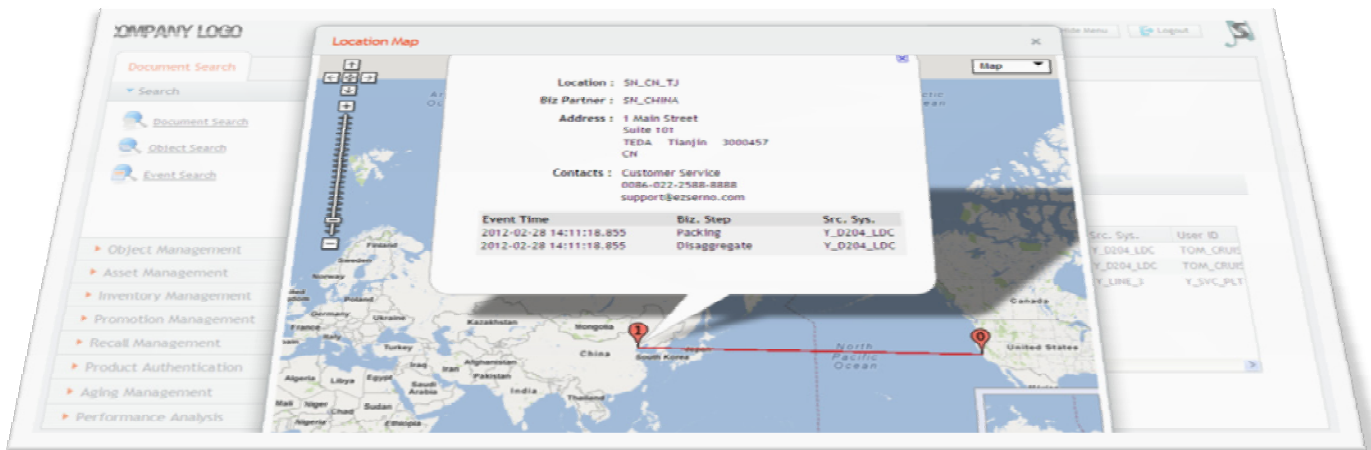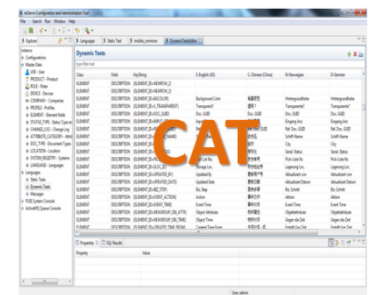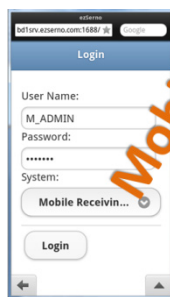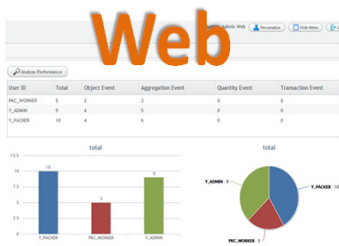
◉ **Out-of-box support of GS1 standards** can let you meet the immediate regulatory requirements from US and EFPIA. Profile Based Adaptability can be extended to support any new or changed standards with simple configurations.

⊙ **GS1 certified EPCIS interfaces** provide extended visibility beyond system boundaries, and make it easy to share serialization data with your supply chain partners.

⊙ **Built-in integration tools and adaptive architecture design** can seamlessly integrate serialization into your existing business environment and business processes, and your partner eco systems, including ERP, packaging and distribution systems.

⊙ **Serial Number Management (SNM)** administrates and distributes serial number ranges of different types for internal and external provisioning requests. It also provides services and interfaces for generating, parsing and mapping serial IDs.

⊙ **ezSerno mobile UI and web-based reporting** provide rich and interactive user experiences. PBA can make screen changes via configurable profiles.

⊙ **Role-based access control** provides maximum security on your serialization data. It can easily be integrated with your existing LDAP or any other enterprise systems (such as SAP ERP).

⊙ **Deployment of components and transactions** can be done easily via file copy and configurations. Future developed modules or transactions can be deployed independently.

⊙ **Master Data and Configurations** can be easily maintained by ezSerno Configuration & Administration Tool (CAT) at one place.

⊙ **Lower Total Costs of Ownership** for supports and maintenance will give you more power to create more business values in different areas.

Based on your specific business requirements and functional needs, we can design the most appropriate serialization solution with maximum adaptability and extensibility on top of ezSerno. Our mission is to help you maximize the returns of investments in serialization, and create business values in various areas throughout the supply chain.

With ezSerno, serialization has never been easier.