



Hello!

Welcome to the debut edition of **#AltiusEdge**. Through this newsletter, we'll share lessons from the field, practical insights, and proven strategies to help you keep your supply chain operations a step ahead.

## INSIDE ALTIUSHUB: FEATURE SPOTLIGHT

A leading pharma manufacturer using a legacy Track and Trace solution recently faced an unexpected bottleneck. The company had two manufacturing sites (Site A and Site B), and shipments were halted when EPCIS validation revealed a discrepancy. At first glance, everything seemed fine, but upon thorough analysis of the EPCIS files, inconsistencies emerged.

Here's what happened:

- **Misconfigured LMS credentials:** Site B accidentally consumed serial numbers meant for Site A.
- **Events not linked correctly:** EPCIS events (Commissioning → Aggregation → Shipping) require the bizLocation (GLN) to correctly represent where the activity occurred.
- **Mismatch in records:** The GTIN + Serial Number combo traced back to Site A, while the *eventGLN* pointed to Site B.
- **Validation failure:** This mismatch triggered EPCIS rejection and shipment delays.

### Why Legacy Systems Fail?

Because they lack robust controls. Serial numbers may be centrally assigned without being tightly bound to an accurate site and line, leaving room for accidental cross-use. The errors only surface *after* EPCIS files are generated, and by then, it's already too late.

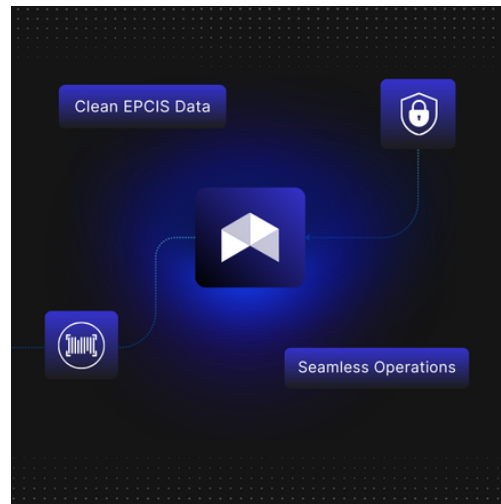
In fact, legacy systems were never designed to anticipate the diverse, real-world

use cases of serialization. Only a robust Track and Trace solution, architected from the ground up with these complexities in mind, can close the gap.

## 🌟 What's the solution?

### Product Access Control

AltiusHub's **Product Access Control** feature enforces multi-level guardrails around serial number allocation by directly linking it with packaging codes, item codes, and Line Management System credentials. This ensures every number is routed to the right destination and keeps EPCIS files error-free.



## COMPLIANCE COMPASS: REGULATORY UPDATES

Pharma regulators in Africa are aggressively rolling out traceability mandates. Here's a quick overview of what's happening!

👉 *Click on each image to see the full view.*

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### Egypt

<b>Overview</b>	Egyptian Drug Authority (EDA) — Complementary Decree (475/2025) announced the establishment of a Unified National Electronic System for Track & Trace
<b>Scope</b>	All pharmaceutical and biological products; applies to factories, importers, distributors, warehouses and pharmacies
<b>Key Dates (Mandates applicable)</b>	Registration timeline: <ul style="list-style-type: none"> <li>• Imported &amp; manufactured finished products: From Feb 1, 2026</li> <li>• Locally produced or packed products: From Aug 1, 2026</li> </ul>
<b>Action for Manufacturers/Exporters</b>	<ul style="list-style-type: none"> <li>• Finalize product master data and align supply chain partners</li> <li>• Ensure technical readiness (printers, scanners, connectivity) to connect with national system</li> </ul>

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### Zimbabwe

<b>Overview</b>	Medicines Control Authority of Zimbabwe's (MCAZ) guidelines for implementing traceability of medical products is effective as of 18 July 2025
<b>Scope</b>	All medical products manufactured/exported to Zimbabwe
<b>Key Dates (Mandates applicable)</b>	<ul style="list-style-type: none"> <li>• Phase I (0-12 months): Pilot projects with selected manufacturers and distributors identified for high-risk products</li> <li>• Phase II (12-36 months): Gradual rollout across the supply chain</li> <li>• Phase III (36-60 months): Full implementation and regulatory enforcement</li> </ul>
<b>Action for Manufacturers/Exporters</b>	<ul style="list-style-type: none"> <li>• Register with OSI (neighbouring MO or Global) to secure GTNs</li> <li>• Brand owners must submit trade and logistics master data to MCAZ</li> <li>• Supply chain partners must share legal, functional, and location master data with MCAZ</li> </ul>

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### Ethiopia

<b>Overview</b>	Ethiopian Food & Drug Authority (EFDA) in partnership with MVC W.L.L launched EFDA-MVC Traceability Hub
<b>Scope</b>	All pharmaceutical products sold/exported to Ethiopia
<b>Key Dates (Mandates applicable)</b>	<ul style="list-style-type: none"> <li>• Exporter registration deadline was August 25, 2025</li> <li>• Full reporting phased through June 3, 2026</li> <li>• Aggregation Event Reporting Grace Period Ends on December 1, 2026</li> </ul>
<b>Action for Manufacturers/Exporters</b>	<ul style="list-style-type: none"> <li>• Exporter registration and participation agreement required</li> <li>• Map serialisation and aggregation workflows to EFDA-MVC schemas</li> <li>• Align I-4, and ERP integrations with phased reporting timelines</li> </ul>

### 🌟 Africa's Traceability Momentum: From Pilots to Portals

*Across Africa, pilot projects are rapidly giving way to enforceable pharmaceutical traceability rules. This momentum can be tied back to two powerful anchors: the urgent need to curb falsified and diverted medicines, and the push to align with global supply chain standards.*

*In fact, both donor-backed and government-led models are converging on the same outcome: more data, more checks, and faster recalls.*

*Manufacturers can expect a steep rise in compliance costs in the short term, but potentially smoother market access in the long term.*

*What does this mean for manufacturers & exporters?*

- *Africa will remain a patchwork of national systems. Do not assume that one approach will work for all.*
- *Register early where mandated, and thoroughly validate local technical specifications before shipping.*
- *Map GTIN/GLN/Serial Number workflows to each national system schema, and keep aggregation/parent-child data clean.*

## INSIDE ALTIUSHUB: EVENTS

The events season is in full swing, and our teams are back on the floor meeting customers, partners, and industry leaders face-to-face. Earlier this month, we kicked things off at [InnoPack Pharma Confex 2025 in Hyderabad](#) and the energy was electric. From deep-dive discussions with packaging and supply chain heads to our founder [Abiram Vijayakumar's](#) keynote, **“Resolving Compliance & Packaging Challenges with AI,”** which drew a packed audience, the momentum has set the tone for an exciting season ahead.

### Next steps on our calendar!

The banner for IPHEX 2025 features the Pharmexcil logo (Pharmaceuticals Export Promotion Council of India) and the Government of India emblem. It prominently displays the IPHEX logo and the text '11th INTERNATIONAL PHARMACEUTICAL EXHIBITION' and '4-6 SEPTEMBER NEW DELHI 2025'. The Altiushub logo is centered, with the booth location 'HALL 5 | BOOTH 5A-28' listed below.

**iPHEX 2025 | 4 to 6 Sep**

The banner for Pharma Pro&Pack 2025 features logos for IPMMA, HISE MENCHEN INTERNATIONAL, and the Government of India emblem. It prominently displays the '11th PHARMA PRO&PACK EXPO 2025' logo and the 'analytica Lab India' logo. The Altiushub logo is centered, with the booth location 'HALL 7 | BOOTH C86' listed below.

**Pharma Pro& Pack | 18 to 20 Sep**

**Bharat Mandapam, New Delhi**

**Register Now**

**HITEX, Hyderabad**

**Register Now**

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