CAPTURE A WORLD OF INFORMATION

Acsis specializes in lightweight, cost-effective solutions that fill visibility gaps in supply chain execution. Our "edge" applications manage the data collection and serialization of goods across extended supply networks, feeding and synchronizing ERP and execution systems automatically. We focus on chemical, food and beverage, industrial and pharmaceutical manufacturing – highly regulated, often outsourced and globally focused sectors.

CLOSING THE VISIBILITY GAP: THE DILEMMA

Poor supply chain visibility translates to a lack of control. To compensate, manufacturers stock excess inventory, manage redundant workflows, delay delivery dates and build IT workarounds. These "fixes" **hurt profitability and productivity, product quality, compliance and ultimately, customer service**.

Even the most well-run companies face these problems in their supply networks, keeping them from achieving better results.

Just as there's no magic bullet to solve gaps in visibility, there's no single culprit, other than increasing complexity. More trading partners and outsourced manufacturing functions, the impact of business mergers and spinoffs, and the proliferation of different systems are several of the big factors. And now, with the **increasing use of serialization for greater traceability (often mandated), visibility has to go deeper, be more granular and be accessible in real time.**

Whether in your own warehouses or out at third parties, **true visibility of product can only be gained with labeling and data collection devices that record material movements, process the information and deliver it to the systems of record.**

The challenge isn't new.

You have a lot of alternatives (and tradeoffs) to close visibility gaps:

- *ERP (SAP) extensions:* While these give you a sense of consistency, they aren't always released and easy to deploy when you need them.

- *SCM suites*: Comprehensive solutions abound, but maybe they have more features (and higher price tags) than you need for point problems with data capture, serialization or labeling.

- *Custom integration:* We know the tradeoffs here, don't we? You might get what you need right now – but pay for it in flexibility later.

- *Niche applications*: Getting a solution from vendors that focus specifically on one functional area – say, serialization for medical devices – can work well, as long as you can seamlessly feed all of the other connected systems.

These are all valid, justifiable options – when they match your timing, budget and resources to implement, manage and maintain.

With Acsis, you get the right fix for specific supply chain visibility gaps, now.
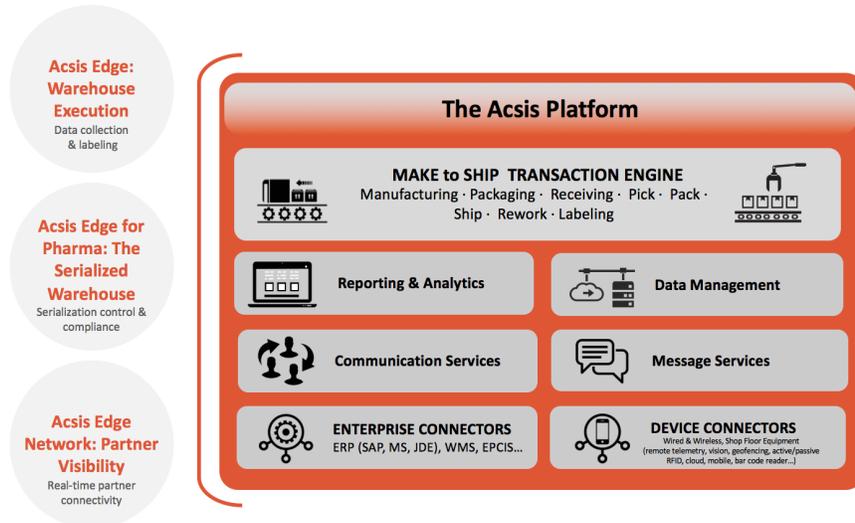
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THE ACSIS WAY TO BETTER SUPPLY CHAIN VISIBILITY & MATERIAL TRACEABILITY

Acsis takes a pragmatic, "lightweight" approach to solutions, with point applications that track serialized and non-serialized items through the edges of your extended supply network.

We have 20 years of experience dealing with the intricate details of data capture and product traceability in complex, global manufacturing supply chains and the execution systems that

feed SAP and other ERP systems of record. We've worked with AbbVie, American Health Packaging, Ashland, Cintas, DuPont, Glatfelter, Hershey's and OSRAM – and hundreds more companies – who consider us the go-to experts in data collection solutions. (In fact, IDC named Acsis a "major player" in track and trace solutions for pharma companies.)

Acsis Edge: Warehouse Execution
Data collection & labeling

Acsis Edge for Pharma: The Serialized Warehouse
Serialization control & compliance

Acsis Edge Network: Partner Visibility
Real-time partner connectivity

The Acsis Platform

MAKE to SHIP TRANSACTION ENGINE
Manufacturing · Packaging · Receiving · Pick · Pack · Ship · Rework · Labeling

Reporting & Analytics

Data Management

Communication Services

Message Services

ENTERPRISE CONNECTORS
ERP (SAP, MS, JDE), WMS, EPCIS...

DEVICE CONNECTORS
Wired & Wireless, Shop Floor Equipment
(remote telemetry, vision, geofencing, active/passive RFID, cloud, mobile, bar code reader...)

ACSIS EDGE SOLUTIONS: A PROVEN PLATFORM TO CLOSE SPECIFIC GAPS

While no two supply chains are alike, we've mastered the complexities in serializing, labeling, tracking and tracing goods in the "Make-to-Ship" chain, gained from deploying our data collection solutions for hundreds of customers. Now, we've packaged our solutions using a common platform and apps that leverage preconfigured transaction sets. Each solves specific problems with visibility into processes and traceability of products in your supply chain.

- **Acsis Edge is our specialized Warehouse Execution System that manages data collection and labeling for material tracking**

- **Acsis Edge for Pharma enables fully serialized warehouse processes to meet compliance mandates for traceability**

- **Acsis Edge Network solves the problem of visibility of product movement and synchronization of systems across extended supply partners**

The Acsis Platform organizes transactions and activities at the execution level and provides real-time, bi-directional data capture with secure hand-off to internal systems. A world of information is captured, whether through automated scans or people using point-and-click simplicity. So you get the answers you need to know what's happening with your product and where it is in cycle at any time, whether inside your walls or with contract manufacturers, finishers and other third party partners.

Acsis can either provide turnkey solutions with software and hardware or work together with existing systems. The Acsis Method gives you clear, quick, expert guidance to deploy efficiently. Our principle is to give customers faster time-to-value with lower cost solutions and deeper expertise.

TRACEABILITY DELIVERS REAL RESULTS

While "improved visibility" and "complete traceability" can be abstract terms, the solutions are practical and the benefits are tangible. **Our customers have been able to gain significant savings in material costs, reduce their inventory levels and waste, improve resource productivity and process efficiency and eliminate noncompliance risks** (and fines).

Want specific ROI examples? Here's a short list:

- 40% cost reduction by improved labeling automation & compliance

- 10% reduction in "buffer" inventory in the supply chain

- 50% improvement in recall management execution

- Millions of dollars in improved yield and reduced spoilage

We can provide more tailored examples based on *your specific requirements*. We offer **quick benchmark assessments and health checks to help you build your business case** for complete product traceability with real-time visibility across your supply chain network.

Contact us to learn more about how you can capture a world of information – with Acsis.
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