



AC SIS CLOUD FOR REUSABLE PACKAGING & OTHER RETURNABLE ASSETS





Companies lose or misplace

15% to 30%

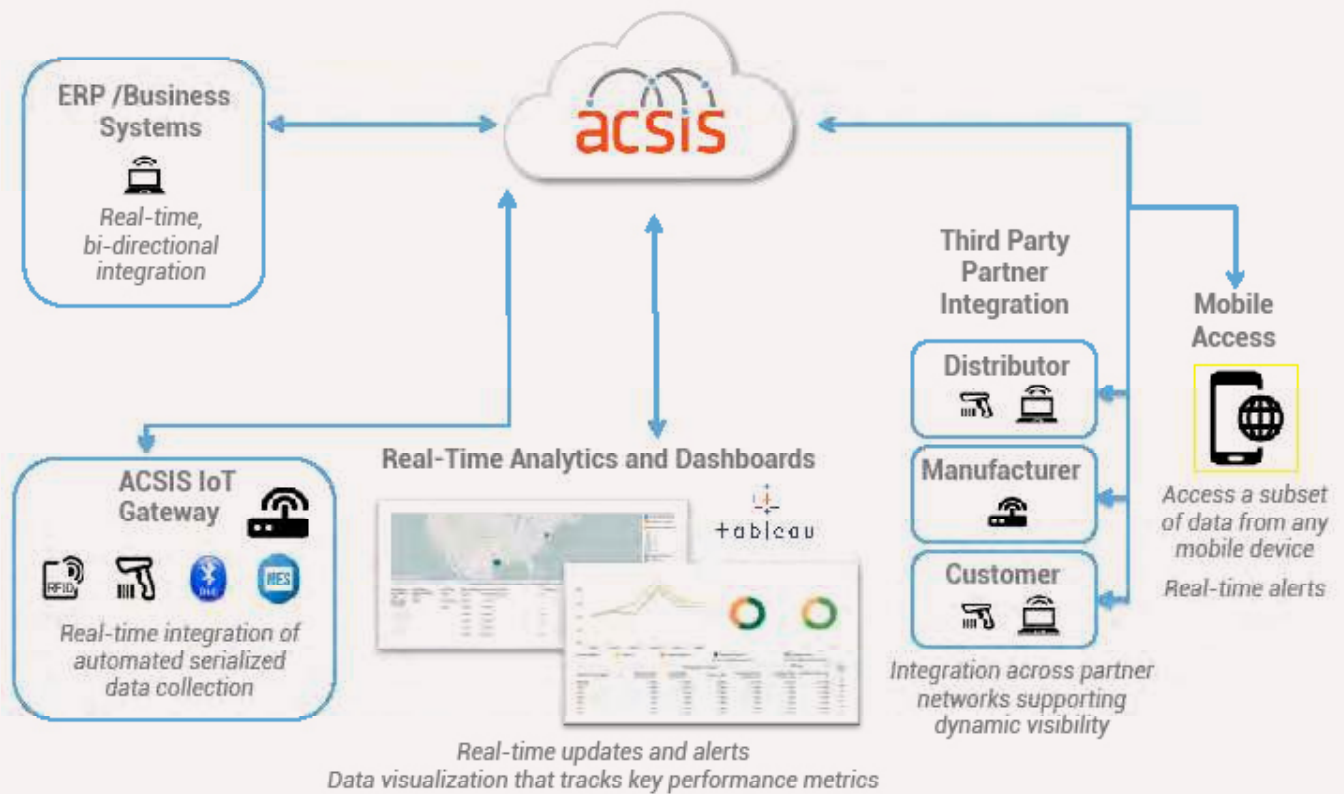
of costly returnable assets each year: trays, totes, pallets, containers, canisters, cylinders, cages, and many more. They are vital for an efficient and sustainable supply chain, yet too often manual spreadsheets and homegrown databases are used to track them. Automated tracking in the cloud is easy and yields tremendous gains in supply chain efficiency.

How ACSIS Works

As returnable assets move through the supply chain and are scanned, deviations in contextual data, such as temperature or stability readings, can trigger an automated alert to the manufacturer, customer or partner. Issues can be flagged and resolved immediately, through quarantine for example. The ACSIS cloud also tracks mass movements of returnable assets by allowing the nesting of returnable assets for shipping and receiving.

As returnable assets are received, they are scanned and registered to validate delivery date and time. Location information can include the building, department, floor and shelf. ACSIS fully supports GS1's Global Location Number (GLN) and Global Returnable Asset Identifier (GRAI) standards.

AC SIS integrates and shares data with internal systems and devices as well as external touchpoints – including contract manufacturers, customers, third-party warehouses, and repair centers – enabling real-time collaboration for better decision-making.



ACSIS Asset Visibility

By scanning RFID tags, barcode labels, or QR codes, each returnable asset is registered in the cloud along with contextual data, including package contents, usage, servicing, cleaning, and storage.

The amount and type of data included at registration is virtually unlimited. For example, if returnable trays or totes are shipped to a customer, the scanned label can identify whether the contents are perishable, detailed pick up time, pick up location, and batch codes. Issues with transit, receiving, or storage can be immediately identified and addressed.

\$1.5 Billion

Annual cost to replace stolen or missing reusable shipping containers in US¹

¹ AMR Research



17,9%

the expected annual growth rate of the global cold chain industry by 2026, reaching more than **\$585 billion**.

Monitoring temperature readings for pharmaceuticals and food in transit is **essential for safety**.

Better Business Planning

ACSIS provides the information needed to work cross-functionally to accurately plan production, prepare packaging, fulfill orders, and coordinate shipping and logistics. Users can view customer usage, returnable asset performance, and time allocation at each location. By maximizing the use of a fleet of containers, organizations can improve operational planning while reducing the number of lost containers and corresponding replacement costs.

Ensure Compliance

Manufacturers and customers have delivery and storage requirements – such as stability, temperature, or humidity levels – that ensure the safety and quality of products. Monitoring fluctuations during transit allows product owners to determine whether product quality is affected, and replacement units are required.

Proactive Decision-Making

ACSIS includes analytics that identify trends in returnable asset usage, maintenance, repair, and other contextual data. Key Performance Indicators allow users to evaluate asset performance and proactively manage replacement due to damage or repairs “by exception” to ensure that assets are available. It also allows viewing of seasonal or cyclical trends at customer locations so forecasting and planning can meet required demand and achieve higher customer satisfaction.



4.1%

Efficiency gains



2.9%

Revenue increase



Returnable Asset Tracking

Manufacturers can have thousands of customers and partners in their supply chain networks, which makes seeing products in real-time an imperative. ACSIS provides updates on product in transit, returnable assets received at every location, customer usage, and empty containers ready for return. And that delivers reliable inventory counts, asset returns, enhanced order to cash (OTC), and better sustainability efforts by reusing containers.

ABOUT ACSIS

AC SIS has been mentioned in the list of notable vendors in "The 2021 Supply Chain Technology Themes", published 27 May 2021 by analysts Christian Titze and Andrew Stevens; in "Tracking and Monitoring Business Process Context: Magic Quadrant for Real-Time Transportation Visibility Platforms," published 19 April 2021 by analysts Bart De Muynck, Carly West, and Andrew Stevens; and in the Gartner "Hype Cycle for Supply Chain Execution Technologies," 6 July 2021, by Andrew Stevens.

Learn more about ACSIS and asset tracking:

Visit [acsisinc.com](https://www.acsisinc.com) or contact us at info@acsisinc.com and an ACSIS Supply Chain Visibility Specialist can help you with your questions.



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