FlashTrak® Chain of Custody

A complicated supply chain can be difficult to get your arms around. As your products continually switch hands during its journey, knowing who the custodians were, where they are located, and when they had possession is extremely important - and not always easy. According to the FSMA 204 requirements, you have 24 hours to get this information. You need a quick and reliable source of data and insights to make this happen. You need the assurance that when your products arrive, the quality expectations will be met. And you want the confidence that your shipments comply with government regulations.

Built on the Dapicon ecosystem, FlashTrak Chain of Custody aggregates contributions from our consortium partners to provide supply chain visibility and yield complete transparency. The insights gained by our customers help predict product quality and prevent food loss.

With FlashTrak Chain of Custody (FlashTrak CoC), you can manage, link, align, collaborate, and share data across the **whole supply chain**, whether simple or a complex web consisting of many entities. FlashTrak CoC provides **actionable** data allowing you to identify all suppliers related to any order, as well as the associated lot and batch numbers. When integrated with DeltaTrak's FlashLink real-time trackers, CoC helps you monitor the location and quality of products as well.

Supply Chain Transparency/Visibility
Knowing the complete history of a food product empowers every participant in the supply chain to respond to a government inquiry at a moment's notice.

Reduced Waste and Sustainability Improvements
FlashTrak's real-time IoT monitoring helps prevent food loss and the resulting environmental impact from methane emissions.
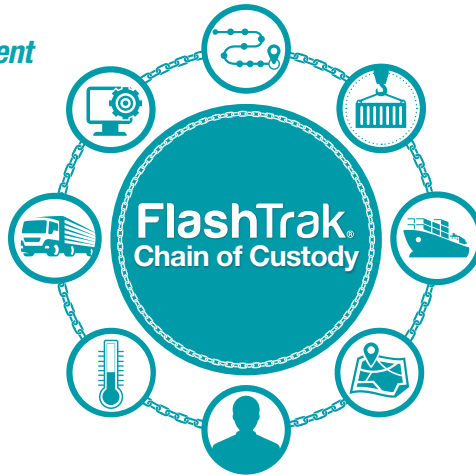
Product Quality in the Supply Chain
Real-time track and trace sensors, along with advanced methodologies (Alpha Numeric Quality Code (ANQC)), determine internal product temperature to protect shelf-life and profits.

OV0025_23A2

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▶ **Supply Chain/Cold Chain Management**

▶ **IoT - Track and Trace**

▶ **Purchase Order/Batch-Lot Level Data Capture**

FlashTrak®
Chain of Custody

▶ **Complete Traceability**

▶ **Built on Dapicon Ecosystem**

▶ **Consortium Partners**

Designed to utilize Electronic Data Interchange (EDI) and Application Program Interfaces (API), Chain of Custody expands FlashTrak's functionality to provide users with real-time visibility, improved cold chain management, support for government compliance, and power to take quick, deliberate action during a foodborne illness event.

Supply Chain/Cold Chain Management

FlashTrak Chain of Custody offers complete supply chain/ cold chain management. Focus on your core business while we monitor your supply chain for you.

Complete Traceability

CoC aggregates transactional data from stakeholders, users, and 3rd party providers to offer detailed traceability. Each entity along the supply chain that took possession of the product is identified.

IoT Track and Trace

Real-time IoT monitoring gives up-to-the-minute location and ETA.

IoT devices monitor and record temperature, humidity, light exposure, and shock throughout the entire shipment.

IoT monitoring helps determine shipment condition and identify possible security breaches (light sensor).

Real-time IoT track and trace helps prevent losses of cargo and profits.

Purchase Order and Batch-Lot Level Data Capture

Food processors can track and trace goods across the entire life cycle from original source to point of purchase

CoC uses purchase orders, batch and lot codes, and shipping notifications to provide end-to-end traceability, helping custodians meet record-keeping requirements.

The system incorporates key data from various sources to provide detailed information regarding critical tracking events.

Manufacturers can access data from 3PLs within a few hours.

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Built on the Dapicon Ecosystem

Built on 30 years of food industry experience and expertise, Dapicon provides an ecosystem which enables a seamless connection with trading partners and service providers. Data contributed by consortium partners is used for the benefit of the entire ecosystem to identify, aggregate, analyze and convey results that lead to better, more informed, and faster decision making. The permission-based data sharing allows trading partners to control data access, providing the highest level of security.

Consortium Partners

Supply chain participants and third-party entities, consisting of buyers, sellers, marine traffic companies, temperature monitoring providers, government agencies, and third-party logistics companies (3PLs), contribute the data that is essential to the FlashTrak Chain of Custody ecosystem.

Government Regulations – Food Safety and Security

Governments around the world are taking critical steps to protect the food system, such as requiring that all supply chain participants have the ability to quickly trace where they received a food product and where they sent it.

Complying with government regulations protects your brand, reduces reputational risk, and limits liability.

Private fleets must use equipment that meets government standards and shows that food products are properly handled during transit.

Entities who become aware of temperature control failures or other in-transit conditions rendering food unsafe, must ensure the food is neither sold nor distributed.

The financial impact of failure to comply with FSMA can be crippling to a business. Likewise, noncompliance is prohibited, subject to injunction and criminal prosecution.

FlashTrak CoC
was created to help users adhere to government regulations and optimize operational efficiencies throughout the supply chain.

FlashTrak CoC
provides traceability recordkeeping to meet the requirements of Section 204(d) of the FDA Food Safety Modernization Act (FSMA).

FlashTrak CoC
optimizes the collection and storage of supply chain records, helping stakeholders respond to FDA requests within 24-hours.

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Product Quality in the Supply Chain.

Post-harvest losses, global competition and rising consumer demand for better food quality are driving improvements in processing and packaging technologies. Monitoring ambient air temperature only tells part of the product quality story. FlashTrak goes beyond simple track and trace of shipments, by monitoring product quality in multiple ways throughout the supply chain.

FlashTrak provides two methods of determining product quality based on temperature. Our internal product temperature emulation was created to monitor the temperature inside your product. Our Alpha Numeric Quality Code (ANQC) can be used to assign a shelf-life value, starting in the field. This quality indicator can be monitored through the entire supply chain, enabling you to take action to extend shelf-life.

Business Intelligence

Using real-time data, FlashTrak Business Intelligence can provide fast visual information about shipments while in transit. Advanced business analytics help you identify and prevent potential issues. By analyzing historical data, FlashTrak also provides carrier performance scorecards, helping you determine which carrier partnerships should be retained.

Benefits of
FlashTrak® Chain of Custody

Supply Chain Efficiency - End-to-end supply chain platform of Consortium Partners that provides visibility to a product's journey through the supply chain.

Food Safety - Key Data Elements required by the FSMA are efficiently tracked and recorded enabling compliance and quick response.

Data Security - Sharing information between trading partners and service providers is possible through existing standards and interoperability of Electronic Data Interchange and Application Programming Interfaces common in the industry.

Company Transparency - Traceability, visibility to Critical Tracking Events (CTE) throughout the supply chain improve Business Intelligence, value and performance.

Food Freshness - Track product quality using the ANQC (Alpha Numeric Quality Code), not just location and ETA.

Reduce Waste – Managing the condition of shipments as they move across the supply chain and surgically removing recalled products helps to prevent loss.

Sustainability – Certifications, product quality, and monitoring the cold chain help to reduce the worldwide carbon footprint created by the supply chain.

Cost Effective – Built on an existing system and technology to help our customers achieve business goals at the lowest possible expense.

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