SCT TECHNOLOGY
Visibility. Delivered.

SCT Consignment Management Application

Latest generation of military shipment tracking solution that adds GPS sensor data for multi-modal near real-time in-transit visibility and greatly enhanced reporting.

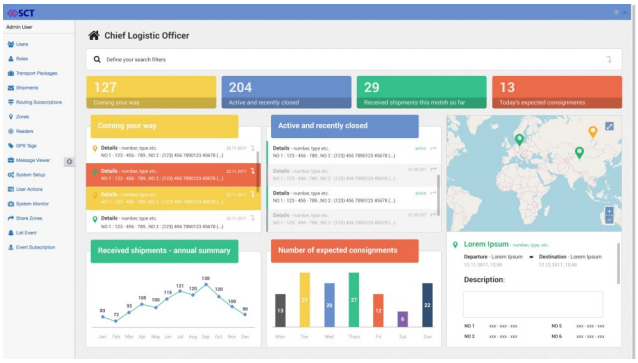
SCT's Consignment Management Application (CMA) is designed to provide military logisticians with in-transit visibility of RFID tagged shipments and assets moving through the supply chain. In-transit visibility via CMA means the operational commander can accurately plan on when mission-essential equipment will arrive and it enables the re-direction and re-prioritisation of in-transit shipments as necessary. CMA helps ensure that the right kit gets to the right place at the right time and alerts you when there is a risk that it won't.

AT A GLANCE

- CMA provides NATO STANAG compliant shipment tracking using barcodes, RFID and GPS sensors.
- Provides operational commanders with visibility of in-transit assets.
- Fully interoperable with NATO's LOGFAS system and the NSPA Routing Hub.
- Provides full multi-national and nested interoperability with NATO and other CMA users.
- Designed for interfaces with your ERP system of record. for auto-creation of shipments and to update actual time of arrival.
- Maximises and exploits the latest GPS/GPRS sensor information.

NEW REPORTING CAPABILITIES

With dramatically increased reporting built-in, CMA uses a configurable dashboard to provide users with an overview of what is where.



KEY VALUE DRIVERS

CMA builds upon the experience from providing RFID-based consignment tracking software and hardware to NATO and national militaries since 2003.

Utilising commercial tracking software knowledge, the latest CMA version has a brand new look that includes a map insert for automatic plotting of GPS sensor information from the latest RFID/GPS/GPRS tag from Savi Technology—the new STR-900-CP.

As well as RFID and GPS, CMA covers the full range of Automatic Identification and Data Capture (AIDC) technologies such as barcodes, EDI and passive RFID.

CMA is part of a solution suite that includes Site Manager International, CMA Mobile and Workstation International products in addition to the sensors themselves. These products manage your AIDC network and offer an automated means of staying up to date on the location and condition of your shipments. In addition CMA uses PostgreSQL or MySQL with Wildfly freeware to reduce your server operating costs.

Designed to be compatible with the NATO Logistic Functional Services (LOGFAS) and latest standardisation agreements (STANAGs), in particular:

- STANAG 2183 NATO Asset Tracking Communication Requirements, Edition 2.
- STANAG 2185 Asset, Consignment and Personnel Tracking Information Exchange, Edition 4.
- STANAG 2233 NATO Asset and Consignment Tracking by Radio Frequency Identification, Edition 3.
- STANAG 2291 NATO Asset Tracking "to-be" Business Process Model, Edition 2.
- STANAG 2495 Data Formats for Asset Tracking, Edition 3.

GPS SENSOR CAPABILITIES

CMA uses the latest ISO 18000-7 active RFID tags / sensors from Savi Technology. In particular CMA will exploit Savi's STR-900-CP tag which incorporates RFID with GPS and GPRS backhaul direct to the server to provide near real-time reporting versus 'last seen at' reports from fixed readers – it minimises the need for a fixed reader network with consequent savings in infrastructure.

Configurable reporting of GPS position via GPRS means a mapped 'breadcrumb' trail of consignment / asset moves.

Geo-fencing of Origins, Destinations, Checkpoints and Routes provides your logistics staff with immediate alerting when your consignment / asset moves into or out of an area of interest.

The STR-900-CP can read over 100 of your existing ISO-18000-7 tags in one pass and report on them as child consignments.

SCT TECHNOLOGY
Visibility. Delivered.

SCT TECHNOLOGY
Visibility. Delivered.

SCT Consignment Management Application

Customers who implement SCT's Consignment Management Application experience a wide variety of improvements in their operations. The chart below depicts a high-level overview of these improvements.

BEFORE CMA	AFTER CMA
Missing / inaccurate data on shipment location	100% accurate in-transit location data on shipments.
Shipment location data captured manually.	Automated capture of location data.
Man hours spent searching for shipments.	Less time spent searching for shipments and assets.
No means of knowing if containers have been opened.	Real-time alert from STR-900 sensor if container is opened.
Unable to identify supply chain chokepoints.	Automated alerts for delayed shipments.
Unable to provide NATO or allied nations with en route details of mission essential equipment.	Interoperable with NATO and allies to latest standards that include sharing of reader infrastructure.
No mapping of en route shipments.	Google map insert that shows all live shipments.
Manual updates into inventory system of record.	Designed to interface with ERP system of record.
Reliant on historical reports of shipment movement.	Geo-fenced points of interest mean automatic reporting.
Demanding unit has no visibility of when equipment will arrive.	Using CMA Dashboard, demanding unit can see location and status of inbound shipments.

MORE ABOUT CMA FROM SCT TECHNOLOGY

Building upon the legacy CMA software from Savi Technology, the latest version (8) from SCT Technology is a turnkey solution to the military shipment tracking requirement. CMA provides the logistician with the latest technology to both monitor and manage the supply chain and thereby ensures the utmost support to the Operational Commander to enable an accurate logistics picture at all times.

Designed from the outset to follow the NATO business process for shipment tracking and to the latest STANAGs, CMA enhances the capabilities of earlier CMA versions by fully exploiting the data provided from GPS enabled RFID sensors.

About SCT Technology

SCT is headquartered in London, United Kingdom. To learn more about CMA please visit www.sct-technology.com; contact us at info@sct-technology.com or call +44 7717 510 852.

CMA DS 2018-2.0

SCT TECHNOLOGY
Visibility. Delivered.