Transportation and Logistics Suite

Over a decade of working with clients to develop integrated mobile software and solutions has led to the creation of the Allegro Transportation and Logistics Suite of mobile applications. The suite is tailored specifically to the evolving needs of tomorrow's supply chain, transportation and logistics leaders.

Streamline the Warehouse / DC

Extend or even replace the functionality of warehouse management systems for measurable improvements in picking accuracy, inventory accuracy and total cost of operations.

Configurable mobile applications to support:
• Receiving and inventory management
• Cross-dock management
• Yard management and shunting
• Picking, packing and palletizing
• Ad-hoc scheduling and task management
• Timestamps for chain-of-custody

Improve Driver Communications

Provide dispatchers with the tools needed to improve driver communications and the management and monitoring of key driver responsibilities.

Configurable mobile applications to support:
• Call taking, task and dispatch management
• Push-to-talk, text messaging and alerts
• Pick-up and delivery management and KPIs
• Distribution management and KPIs
• Route management and vehicle telemetrics
• GPS navigation, routing and geo-fencing

Energize the Customer Experience

Provide a superior customer experience through the use of mobile applications and devices supported by Allegro.

Configurable mobile applications to support:
• OS&D – Overage, shortage and damage tracking
• Automation of paper forms and data capture
• Proof of delivery and digital signature capture
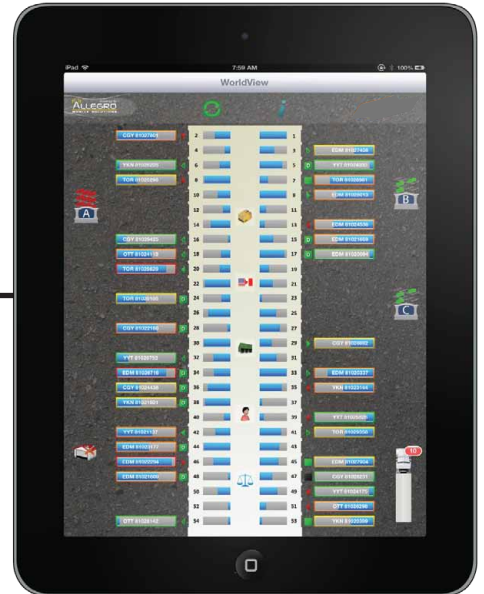• On-the-spot invoicing, payment and receipt printing

End-to-end Mobility for Real Results

The Allegro Transportation and Logistics Suite of mobile applications powers mobile scanners, tablets, truck-mounted terminals and barcode printers to track, update and validate inventory quantities, locations and deliveries at various check-points within your operations.

Integrating with Existing Services

Our solutions collect data at the point of activity and provide instructions back to the point of activity all in real time. This further optimizes the value of both upstream and downstream processes such as in-house or outsourced billing, dispatch, call taking, etc.

Streamline the Warehouse / DC

Receiving and inventory management
Scan barcodes, apply labels and update information to accurately reflect each unit's inventory status and location in real time

Cross-dock management
Nimble and accurate task management and inventory allocations to support effective cross-dock shipping and receiving

Yard management and shunting
Cross-reference GPS data and WLAN Locationing with recorded inventory locations to support the efficient and accurate movement of inventory, pallets and containers

Picking, packing and palletizing
Provide clear and accurate tasks using mobile scanners to greatly improve the efficiency and accuracy of key processes

Ad-hoc scheduling and task management
React to and adjust for unplanned schedule changes and expedited shipments by using mobile devices to allocate work orders and distribute tasks

Timestamps for chain-of-custody
Capture periodic time, date, and location-stamps at various touch points throughout your materials and inventory handling process

Improve Driver Communications

Call taking, task and dispatch management
Schedules, tasks, routes and work orders can be sent to your fleet of drivers, whether company owned, contracted or outsourced

Push-to-talk, text messaging and alerts
With the single push of a button, mobile devices can be used to send and receive voice or text announcements, alerts and other group-based communications

Pick-up and delivery management and KPIs
Cost effectively implement full end-to-end pick-up and delivery functions

Distribution management and KPIs
Monitor and manage the entire distribution network efficiently and reliably

Route management and vehicle telemetrics
Leverage truck-mounted or hand-held mobile devices to allocate, capture and report on a variety of vehicle telemetric, global positioning and route optimization metrics

GPS navigation, routing and geo-fencing
Real time navigation and routing using various mobile devices. Virtual geo-fences provide warnings and alerts when defined stops, work locations, routes or perimeters are breached

Energize the Customer Experience

OS&D – Overage, shortage and damage tracking
Track and document OS&D at the time of delivery helps to alleviate downstream billing, reconciliation and customer satisfaction issues. Record full details, including photos in support of damaged goods helps to provide a record for future resolution

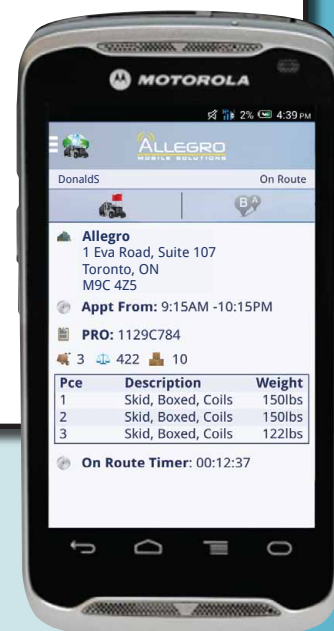### Automation of paper forms and data capture
Electronic forms can significantly reduce shipping delays due to poorly completed or illegible paperwork

Proof of delivery and digital signature capture
Proof of delivery can be recorded in a variety of ways by scanning or electronic confirmation. Digital signatures can be recorded along with date, time and GPS information

On-the-spot invoicing, payment and receipt printing
Capture process and complete transactions on the spot to greatly streamline productivity and improve customer satisfaction
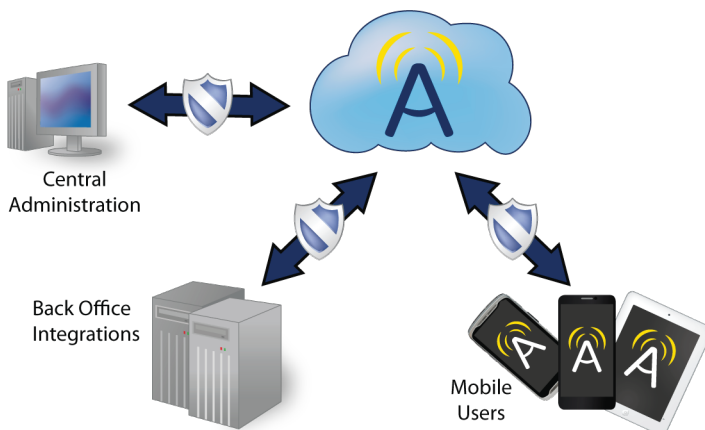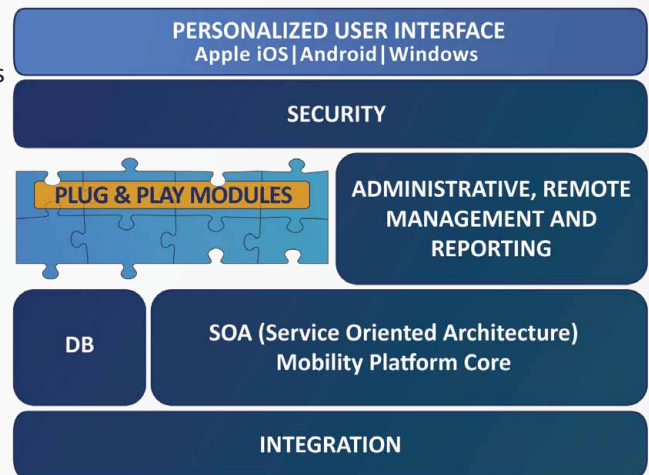
Flexible, Scalable and Secure

Each of Allegro's software suites (Field Services, Transportation and Logistics, and Retail Management) are powered by the Allegro Mobility Platform, a true enterprise-level mobile application platform offering unified security, administration, remote management, reporting and integration functions.

Allegro Mobility Platform (MDAP / MEAP - Mobile Enterprise Application Platform)

✓ Cross-device/OS – Windows, Apple iOS, Android

✓ Personalized multi-lingual user interface for your mobile users

✓ Advanced security functions to defend against intrusions and exposures caused by un-authorized access

✓ SOA-based plug & play modules to support the rapid configuration of your mobile solution

✓ Centralized remote management for the administration of users, software and devices

✓ Platform databases support the plug & play modules and record key events, transactions and user activities

✓ The advanced SOA (Service Oriented Architecture) core supports the platform's flexibility and scalability

✓ Numerous custom and pre-defined integrations including integrations certified with SAP and other systems

PERSONALIZED USER INTERFACE
Apple iOS | Android | Windows

SECURITY

PLUG & PLAY MODULES

ADMINISTRATIVE, REMOTE MANAGEMENT AND REPORTING

DB

SOA (Service Oriented Architecture) Mobility Platform Core

INTEGRATION

Central Administration

Back Office Integrations

Mobile Users

HOSTING & SUPPORT

Allegro's software offerings are available on a licensed or Solution-as-a-Service basis and can be hosted in the cloud, at our data center or installed at your office. Allegro offers a full portfolio of managed services to assist clients with the remote monitoring and management of their applications, end-user devices and WLAN mobile infrastructure.

About Allegro

With headquarters in Toronto, and offices in Montreal, Dallas and Rome, Allegro Mobile Solutions has earned a reputation as the leader in providing mobile solutions as a service. Allegro is certified in both ISO 9001 and ISO 14001.

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