



# EVERY DELIVERY ON TIME, EVERY CUSTOMER SATISFIED

REDEFINING LOGISTICS WITH VOICE AND DATA COMMUNICATIONS



# EVERYONE CONNECTED. FROM ORDER TO DELIVERY.

FASTER, MORE FLEXIBLE DELIVERIES. FREE OR MINIMAL DELIVERY COSTS. TODAY'S CUSTOMERS DEMAND A LOT AND MEETING THEIR EXPECTATIONS IS A CHALLENGE FOR LOGISTICS.

With the growth of online shopping, organizations need to be ready to respond instantly to orders and get them processed quickly, from initial picking in the warehouse to final delivery to customers. While keeping workers safe and protecting the bottom line, of course.

Connecting staff along the supply chain allows warehouse teams to be ready when delivery vehicles arrive, supervisors to track drivers and re-route around road incidents, and customer service personnel to update buyers with expected delivery timings. But how do transportation

companies and logistics operations streamline their processes to make this efficiency possible?

The secret is to provide staff with unified voice and data communications. One seamless and reliable network that instantly connects the people that matter, when it matters. With real-time information and communication, your entire chain interlinks as one team to respond rapidly to orders and specific customer needs. No matter where they work, what they do or which device they use. Orders received and processed fast. Deliveries kept on schedule. Customers satisfied.

# LOGISTICS TRANSFORMED, DELIVERIES ACCELERATED

FROM INITIAL PRODUCT PICKING IN THE WAREHOUSE TO CO-ORDINATING DRIVERS AND AVOIDING CONGESTION ON THE ROADS, MOTOROLA SOLUTIONS CONNECTS ALL YOUR STAFF AND GETS THEM COMMUNICATING INSTANTLY AS ONE TEAM.

A versatile range from basic mobile radios to high productivity devices ready to take advantage of the added capabilities of applications, unlocks the power of communication across the supply chain. No boundaries. No confusion. No delays.

Real-time information flows seamlessly through your warehouses, depots and vehicles so everyone can respond rapidly to orders and meet specific customer delivery requirements. With secure, reliable voice and data communications, staff have the knowledge they need to work more efficiently, while you have the awareness you need to streamline processes and react to ever changing conditions.

# RADIOS FOR EVERY LINK IN THE CHAIN

LOGISTICS OPERATIONS INVOLVE PEOPLE WORKING IN DIFFERENT ENVIRONMENTS WITH DIFFERENT DEVICES.

Motorola Solutions offers devices suitable for every worker and budget. Small, lightweight easy-to-carry devices for Managers. Rugged radios capable of withstanding knocks with long battery life that lasts a full shift for warehouse personnel. High-power mobile solutions that allow delivery drivers to communicate hands-free on the road. Digital two-way radio system includes a wide range of devices from simple voice-only to fully featured voice and data functionality to meet every user's needs.

Digital two-way radios deliver enhanced coverage to keep everyone connected, wherever they work, Intelligent Audio with advanced noise cancelling so staff can communicate effectively even in busy areas, long battery life for extended shifts plus the latest wireless connectivity utilising Bluetooth 4.0.

A world leader in the development of communication technology for the logistics industry, Motorola Solutions makes an ideal partner. Decades of expertise in radio design combined with unrivalled experience in productivity applications allows us to develop a solution that precisely meets your needs. No matter how complex your supply chain, we'll get your teams talking as one.

# APPLICATIONS FOR PRODUCTIVITY AND SAFETY

ENHANCING THE RADIO ARE A VARIETY OF APPLICATIONS DESIGNED TO SIMPLIFY COMMUNICATIONS, STREAMLINE WORKFLOWS AND IMPROVE SAFETY.

These applications can be integrated within the Motorola Solutions ecosystem, allowing staff to focus less on their communication system and more on the job at hand. Popular applications for logistics include:

## Control Room Solutions

- Provides a real-time view of voice and data information so supervisors can make the right decisions quickly and adjust schedules to meet latest conditions

## Voice Dispatch

- Controls a mobile workforce from a central location so dispatchers can quickly and easily organise deliveries

## Personnel Safety

- Increases the safety and accountability of staff with features such as Man Down and Lone Worker

## Email and Text

- Enhances productivity and streamlines workflows by connecting your radio network with your text and email system

## Location

- Tracks vehicles and staff indoors and outdoors for improved safety, security and accountability

## Work Ticket Management

- Improves efficiency and accountability across the supply chain using text-based issue management software

## Telemetry

- Be notified with personalized alarms that allow you to know the status of your trucks or the same load

**“TRANSPORTATION AND LOGISTICS COMPANIES MUST FOCUS ON INNOVATION TO SHARPEN THEIR COMPETITIVE EDGE... THEY SHOULD INVEST IN NEW PROCESSES AND TECHNOLOGIES TO DIFFERENTIATE THEMSELVES.”**

GARTNER PREDICTS – GLOBAL LOGISTICS DIFFERENTIATING THE FUTURE



# WORK AS A TEAM, COMMUNICATE AS ONE

IMPROVE SUPPLY CHAIN EFFICIENCY WITH TWO-WAY RADIOS



## STAY IN TOUCH

ENHANCED RADIO COVERAGE CONNECTS WORKERS ACROSS THE SUPPLY CHAIN



## COMMUNICATE CLEARLY

INTELLIGENT AUDIO KEEPS TEAMS TALKING EVEN IN NOISY ENVIRONMENTS



## GO FURTHER

LONG BATTERY LIFE EXTENDS SHIFTS AND BOOSTS EFFICIENCY



## BE PROTECTED

RUGGED DESIGNS ENSURE RELIABLE COMMUNICATIONS INSIDE AND OUT

## CONNECT EVERYONE

TEAM COMMUNICATIONS WITH WAVE™ WORK GROUP COMMUNICATIONS  
CONNECTS ANY DEVICE, ANY NETWORK, ANY APPLICATION



# TAKE YOUR COMMUNICATIONS FURTHER.

## INEFFICIENT COMMUNICATIONS DRAIN RESOURCES AND CRIPPLE PRODUCTIVITY



## IMPROVE WORKPLACE EFFICIENCY WITH UNIFIED TEAM COMMUNICATIONS



## MOTOROLA SOLUTIONS TEAM COMMUNICATIONS FOR TRANSPORTATION & LOGISTICS.

### ANY TEAM MEMBER



#### Owner / Managing Director

- Instantly contact all employees with PTT app
- Monitor emergency talkgroups
- Stay connected from anywhere



#### Fleet Manager

- Communicate with drivers and employees using PTT web client
- Monitor GPS tracking and workflow applications from the same device
- Use Fleet Management to track vehicle data, monitor routes, schedules and more



#### Dispatch

- Dispatch drivers using integrated console or web client
- Use GPS tracking and workflow applications to monitor vehicles, shipments for on-time delivery
- Communicate with management when needed



#### Driver

- Be notified and alert office of emergency situations or trouble spots with PTT radios
- Ensure greater safety with hands-free features
- Enjoy better audio clarity with background noise cancelation

### ANY NETWORK



### ANY DEVICE



### ANY APPLICATION

- Work Order Ticket Management
- Dispatch Solutions
- Fleet Management
- GPS Tracking
- WAVE PTT

#### SOURCES

1. **80%** - <https://www.ringlead.com/25-sales-outreach-statistics-help-sell-better/>
2. **28%** - <http://www.mckinsey.com/industries/high-tech/our-insights/the-social-economy>
3. **96%** - <http://blog.thinkahead.com/ceos-will-love-enterprise-file-sync-share-efss>
4. **85%** - [bit.ly/qlik-multiple-devices-report](http://bit.ly/qlik-multiple-devices-report)
5. **20-25%** - <http://www.mckinsey.com/industries/high-tech/our-insights/the-social-economy>



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# UNIFY COMMUNICATIONS, STREAMLINE INFORMATION

## WAREHOUSE

- RESPOND EFFICIENTLY TO NEW ORDERS BY CONNECTING RADIOS WITH **EMAIL AND TEXT**
- USE ADVANCED **WORK TICKET MANAGEMENT** SOLUTIONS TO STREAMLINE THE FLOW OF INFORMATION BETWEEN THE WAREHOUSE AND LOADING BAY



## LOADING BAY

- TRACK STAFF TO ENSURE LOADING BAY TEAMS ARE IN THE RIGHT PLACE AT THE RIGHT TIME WITH **LOCATION** APPLICATIONS



## CONTROL ROOM

- SEE A COMPLETE REAL-TIME VIEW OF INFORMATION AND MAKE MORE INFORMED DECISIONS
- USE **VOICE DISPATCH** TO CONTROL AND COMMUNICATE WITH MOBILE WORKERS FROM A CENTRAL LOCATION
- SEE WHERE YOUR STAFF ARE WORKING INSTANTLY WITH **LOCATION** APPLICATIONS



## DRIVER

- MONITOR DRIVER STATUS WITH **PERSONNEL SAFETY** FEATURES SUCH AS LONE WORKER
- SEE WHERE ALL YOUR DRIVERS ARE WITH GPS POWERED **LOCATION** APPLICATIONS
- KEEP DRIVERS SAFE ON THE ROAD WITH **TEXT-TO-SPEECH** OR HANDS-FREE COMMUNICATIONS



## MANAGEMENT

- SEE THE BIG PICTURE – FEATURES SUCH AS **EMAIL AND TEXT**, **SYSTEM MONITORING** AND **INTEROPERABILITY** ALLOW YOU TO MONITOR RESOURCES AND OPTIMISE PERFORMANCE
- STREAMLINE YOUR LOGISTICS OPERATIONS AND IMPROVE EFFICIENCY ACROSS THE ORGANISATION BY CONTROLLING COSTS AND BUILDING A FUTURE PROOF SYSTEM THAT EVOLVES WITH YOUR NEEDS

