



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, organisations 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.



“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





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.

SCENARIO: OUT OF CONTACT, OUT OF CONTROL

WHEN YOUR DRIVER LEAVES THE WAREHOUSE, CAN YOU STAY IN CONTACT AND ENSURE DELIVERIES ARE MADE SAFELY, EFFICIENTLY AND ON TIME?

If you're connected with unified voice and data communications, nothing is left to chance. You retain full visibility of the driver as he moves out of sight, tracking his progress with location apps using GPS coordinates. Identify and communicate route efficiencies for maximum

fuel savings. Be advised the moment a delivery is made, change order status in real-time and keep live inventory management maintained using the Work Ticket Management application. Everyone is aware. Everything is up-to-date. Every delivery is optimised.

SCENARIO: DRIVER ARRIVES, NO ORDER

WITH TIME OF THE ESSENCE, HOW READY ARE YOUR WAREHOUSE AND LOADING BAY TEAMS WHEN THE NEXT DELIVERY VEHICLE PULLS IN?

Ready to swing into action with unified voice and data communications. Warehouse teams are alerted by the driver of his imminent arrival and begin picking the stock. Staff in the loading bay simultaneously prepare the dock and coordinate a stock handover with warehouse personnel. Team Communications

keeps everyone informed, whatever device or network people are using. When the truck arrives, the order is ready to be loaded. Supervisors using Work Ticket Management track the order and update inventory management systems. The truck leaves on time. The delivery is on schedule.



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. The MOTOTRBO™ 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.

MOTOTRBO 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.



SCENARIO: ONE HOUR TO GO, ROAD BLOCKED

WHEN YOUR DRIVER ENCOUNTERS A SERIOUS TRAFFIC INCIDENT ONE HOUR BEFORE THE DELIVERY DEADLINE, ARE YOU READY TO REROUTE HIM?

With unified voice and data communications, you most definitely are. See a real-time picture of the situation with location apps tracking the vehicle using GPS. Alerted to the incident, you quickly plan an alternative route and text the driver details of the diversion.

With text-to-speech, the radio can then read this message out, allowing the driver to keep his hands on the wheel. The delivery is made on time. The driver stays safe. The customer is satisfied.

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

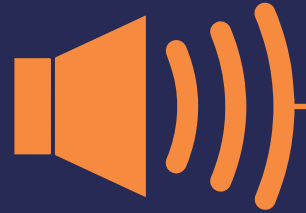
Location

- 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





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



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

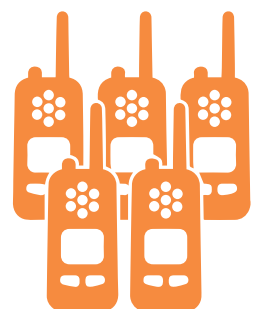
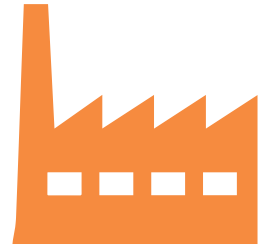
- SEE A COMPLETE REAL-TIME VIEW OF INFORMATION AND MAKE MORE INFORMED DECISIONS
- USE **VOICE DISPATCH** TO CONTROL AND COMMUNICATE WITH MOBILE WORKERS FROM A CENTRAL LOCATION
- SEE WHERE YOUR STAFF ARE WORKING INSTANTLY WITH **LOCATION** APPLICATIONS

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



THE SAUDI MARKET HAS
GROWN BY

\$1 BILLION

PER YEAR OVER THE
PRECEEDING TWO YEARS

THE NATIONAL, 2016



40%



OF ALL INBOUND

CARGO TRAFFIC INTO SAUDI
ARRIVES VIA THE UAE

THE NATIONAL, 2016

SAUDI ARABIA IS EXPECTED
TO IMPORT

**900 MILLION
TONNES BY 2020**



THE NATIONAL, 2016



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