

CHOOSING THE BEST COMMUNICATION DEVICES TO DRIVE BUSINESS FORWARD

EVERY BUSINESS IS DIFFERENT – SO IS EVERY COMMUNICATIONS SOLUTION

The challenges facing a multi-site manufacturing facility are very different from those of a transport company, hospital or school. Although their communication platforms are all underpinned by efficiency, productivity and safety, each will require its own individual solution. Even within a particular business, different individuals and teams will also require different solutions based on their specific roles and needs. One size does not fit all.

In the previous chapter, we discussed how communications helps businesses achieve objectives. In the chapters to come we look at specific solutions and the steps you can take to build the right platform for your needs. This chapter focuses specifically on two-way radios and how to decide which devices will work best for you. The starting point is to define your needs by evaluating your business. Here are some questions to consider:

SIZE

Does your business involve **multiple locations?**



And how many **people** do you need to connect?

ENVIRONMENT



Are you an **industrial** enterprise or more **customer-facing** service provider?



HAZARDS

Are there any **dangerous areas** or potentially **explosive materials** on site?



SAFETY

Do you need to track **people** and vehicles?

Do staff **work alone** in remote areas?



TASKS

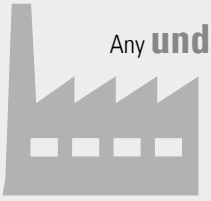


Do you need basic **voice only** communications or do you also want **data capability** to take advantage of productivity applications?

STRUCTURE

Do your staff work **indoors, outdoors** or both?

How many **floors** in your buildings?



Any **underground** areas?

And what are your buildings **constructed** of?

MOTOROLA SOLUTIONS AS YOUR COMMUNICATIONS PARTNER

Evaluating your needs gives you a good starting point to help define the type of radio devices you should consider. But where do you go from there? Motorola Solutions is a trusted provider of two-way radios and with four distinguished device families we ensure the full spectrum of needs is covered. Deciding which family is right for your individual employees creates a firm foundation on which you can build your own unique platform. Remember, there may not be one radio, or even a family of radios, that suits everyone. Let's take a look at the radio families:



UNLICENSED PMR446

OUR MOST SIMPLE SOLUTION - EASY TO USE STRAIGHT OUT OF THE BOX PROVIDING BASIC VOICE COMMUNICATIONS.

- Ready-to-use and license-free – an easy way for business users to stay in touch with colleagues
- Up to 10 kilometres range* for on-site communications with no call charges
- XT600d adds selective calling and texting
- CLP446 and CLK446 models with stylish form factor are ideal for customer-facing tasks

* Depending on terrain and conditions



XT180 | XT220 XT225 | XT420 XT460 | XT660d XT665d | CLP446 Bluetooth & Wired | CLK446 PMR446 & PLUS

▶ | DISCOVER MORE ABOUT THE UNLICENSED PMR446 FAMILY

ENTRY COMMERCIAL

COMPACT, LIGHTWEIGHT, COST EFFECTIVE DEVICES THAT ARE IDEAL FOR COMMERCIAL USERS.

- More robust, more reliable – the starting point for secure commercial communications
- Higher powered than unlicensed, these radios give greater range
- Licensed use means there will be less interference from other users
- Tested to MIL standards for high reliability and performance
- IP67 waterproof and dustproof models available – essential for outdoor operations



VX-260 Series | VX-450 Series | EVX-261 | EVX-S24

▶ | DISCOVER MORE ABOUT THE ENTRY COMMERCIAL FAMILY

MOTOTRBO™

A LICENSED VOICE AND DATA SOLUTION WITH HIGHER COVERAGE, INTEROPERABILITY AND ADVANCED FEATURES.

- Better coverage and less interference – ideal for industrial environments
- DMR compliant for better basics, advanced features and interoperability
- Wide choice from ultra-thin portables to extra-tough mobiles with industry-leading technology
- Huge diversity and flexibility, allowing you to choose the features you need – see tech panel
- Radios are supported by a choice of systems to help your business grow and evolve with features like IP Site Connect for connecting multiple sites and Capacity Plus for increased call capacity



MOTOTRBO™ TECH PANEL

Powerful audio
Intelligent Audio, background noise cancellation and IMPRES™ Audio allows you to hear and be heard more clearly, even in noisy environments.

Advanced voice and data
Transmit Interrupt breaks into existing calls to ensure high priority messages get through. Devices also allow you to take advantage of text messaging and productivity applications.

Location tracking and Safety
Multi-constellation GNSS provides increased accuracy for location tracking of people and assets. Combined with features such as Lone Worker and Man Down, this significantly boosts safety.

High stamina
IMPRES energy gives longer battery runtimes to cover a full shift and extends the lifetime of your battery to reduce replacement costs.

Instant connectivity
Bluetooth connects devices quickly without the inconvenience of wires that can tangle or get in the way.

Enhanced usability
With programmable buttons and features like voice announcements and text-to-speech, workers can move through tasks faster.

Design choice
From slim and light to rugged and waterproof – match devices to workers and roles.

Migration & Updates
Dual digital/analogue for easy migration and over-the-air programming for remote software updates maximises the time devices are in productive use.



MOTOTRBO DP1400 | MOTOTRBO DP2000e Series | MOTOTRBO DP4000e Series | MOTOTRBO SL1600 | MOTOTRBO SL2600 | MOTOTRBO DP3000e Series | MOTOTRBO SL4000e Series | MOTOTRBO DP4000 Ex Series

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TETRA

THE SOLUTION OF CHOICE FOR PUBLIC SAFETY AND DEMANDING COMMERCIAL ENVIRONMENTS.

- A range of rugged devices that are ideal for mission critical use
- ATEX certification for hazardous and potentially explosive environments
- Key features including loud audio, long battery life and enhanced coverage
- Choice of rugged devices with simple or full keypads and an ATEX option
- Stylish and discrete ST7000 model is ideal for customer-facing roles at airports, hotels and other customer facing roles
- Dedicated accessories for in-vehicle and hands-free use plus multi-unit chargers, remote speaker microphones, earpieces and headsets





TETRA MTP3500 | TETRA MTP3550 | TETRA MTP6650 | TETRA ST7000 | TETRA ADVISOR TPG2200 PAGER | TETRA MTP8000Ex Series



▶ | DISCOVER MORE ABOUT THE TETRA FAMILY

SUMMARY

BUILDING THE PLATFORM THAT'S RIGHT FOR YOU

Taking a look at your business – its size and structure, its working conditions, its people and the roles they play – helps you define your communication requirements. And with our four radio families, you can start mapping out a path that takes your entire communication platform where it needs to be. We can then work with you to develop a solution that supports your specific objectives - so ultimately your business thrives with enhanced efficiency, productivity and safety.

THREE THINGS TO CONSIDER...

1. Is your business being let down by your communication network? For example, is key information not getting through and are operations suffering?
2. Could your business benefit from extending radio communication beyond voice capabilities with productivity enhancing data applications?
3. Are you confident that your workforce is adequately protected when working alone in extreme environments?

▶ | INTERESTED IN FINDING OUT MORE ABOUT HOW WE CAN HELP ON YOUR JOURNEY TO BUILDING THE BEST COMMUNICATIONS PLATFORM FOR YOUR ORGANISATION? THEN PLEASE REQUEST A CALLBACK FROM A MOTOROLA SOLUTIONS EXPERT.

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