



EMR

integrated solutions

MOTOTRBO Digital Radio System For – Cuisine De France



This Digital Radio System Comprises Of:

- MOTOTRBO DR3000 System Repeaters
- MOTOTRBO DM3600 Desktop Basestations
- MOTOTRBO DP3400 Digital Portable Radios
- MOTOTRBO Impress Battery Charging Solution

Introduction

Cuisine De France operates a large multi building complex to house all the various food processing, manufacturing and storage facilities. Several user production and maintenance groups operate within these various buildings. Cuisine De France required a two way radio system that could provide radio coverage to all these building areas and support multichannel operation for separate user group communications. Staff safety was also a major concern with the ability within the system for future upgrades for staff man down or lone worker safety systems when required. EMR recommended the new Motorola MOTOTRBO digital radio system for this system solution as this system catered for all of these system requests and also allowed for future system expansion within the complex.

MOTOTRBO Digital Radio System

Twin Motorola DR3000 system repeaters were installed in key areas within the complex. This provided four operational channels for separate communication channels for the dedicated user groups. The new digital transmissions provided enhanced levels of in building radio coverage ensuring staff were kept in contact at all times. The cold storage staff found this system extremely beneficial. As the staff entered the fridge storage areas the radios were found to provide full system operation even in -16 degrees temperature levels. This ensured staff communication was never compromised in this high risk operation area. The lightweight Impress battery packs allowed radios to be carried within the staff protective clothing for easy operation of the radios in this area even while wearing heavy protective clothing and gloves.

MOTOTRBO™

PROFESSIONAL DIGITAL TWO-WAY RADIO SYSTEM



System User Radio Equipment

The MOTOTRBO DR3000 system repeaters form the backbone of this digital radio system. The inbuilt digital transmitter provides crystal clear radio audio and extended levels of in building radio coverage. The twin repeater units provide four operational channels essential to ensure free flowing staff communication throughout the site.

MOTOTRBO DM3400 base station radios were provided for a solution for fixed communication points in areas adjacent to specialist high noise machinery. This reduced the need for staff to carry radios in this area and the higher speaker output level ensured staff could hear incoming radio messages operating of this machinery.

The MOTOTRBO DP3400 digital portable radio was supplied as the universal radio for all the various staff within the system. The digital audio proved crystal clear staff communications even in mass concrete areas. The high performance robust waterproof housing protects the radio in the severe cold temperature areas. The IMPRES battery system provides extended radio operation times from the radios during extended shift times. The flash upgradable memory allows the radio to be upgraded for future applications such as man down or lone worker system operation. This allows additional features to be added to the system when required reducing the need to replace existing equipment offering future proof system technology and equipment.

"EMR recommended this system as it provided enhanced coverage levels throughout the complex. The system also supported future expansion when required which was an important feature as the site was expanding when we first purchased this system. The system has become essential for providing site wide staff communications and we were very impressed how the portable radios coped in the chilled storage areas. We heavily rely on this system that EMR recommended as it addresses our critical present and future site wide staff communication requirements."

Stuart Gavin- Purchasing Dept C.D.F.