

# DCRS



## LONE WORKERS ARE PROTECTED WITH WIDE AREA MOTOTRBO™ SOLUTION

RG Abrey Farms fresh produce sites are located in the heart of the Brecklands.

With an Annual production in excess of 100,000 tonnes of root vegetables, supplied direct to major multiples, packers, wholesale and processing outlets, together with other arable crops which complement the rotation their sites are a constant hive of activity.

### CHALLENGE

With two sites set 14km apart the team needed a solution that could connect both estates together, Wretham covers almost 6000 acres and Euston Estate 10,500-acres, with over 50 full-time and additional seasonal employees the Estates Management team needed to ensure they were adhering to stringent Health and Safety laws.

Their Analogue Solution had been declining for some time, and the environment it had been put in it could not withstand the impact of day to day working life on the farms with users experiencing unreliable coverage in varying terrains and buildings.

Farming life is busy, and with tight schedules they needed to utilise a communication system that could increase safety, efficiency, productivity and cope with the long working hours.

## CUSTOMER PROFILE

**Location:**  
East Anglia

**Industry:**  
Farming

**Products:**  
MOTOTRBO™ DP4800 Hand portables  
MOTOTRBO™ DM Fixed Mobiles  
MOTOTRBO™ Repeaters  
MOTOTRBO™ IP Site Connect

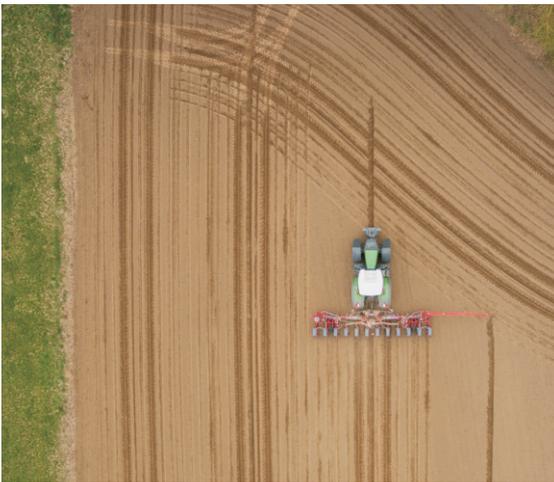
**Benefits:**  
Better Staff Efficiency  
Increased Lone Worker Safety  
Consistent Communications  
Emergency Button





“ The solution has not only connected the team effectively but allowed them to farm safely and deploy resources more efficiently. *Daniel Scotney, Sales Manager* ”

### PROTECTING LONE WORKERS



Once preliminary meetings and all requirements were clarified DCRS's Engineering team carried out verification site services (radio propagation tests) to check the coverage for each radio site and its continuity. The data collated determined the range, coverage and grade of service achievable.

A verification of the antenna type, height, tilt, clearance for each radio site was also carried out to ensure it conformed with OFCOM regulations for the installation area. Based on their findings DCRS recommended a Motorola Solutions MOTOTRBO™ Digital Repeater IP Site Connect Solution.

MOTOTRBO™ IP Site Connect removed all the issues other technologies put in their way such as physical barriers, manual intervention for roaming, limited coverage or lost functionality. And then there was the bonus of no monthly service or access fees to factor in.

### PERSONALISED FEATURES

For the tractors and associated farming vehicles, RGA Abrey opted for individually ID MOTOTRBO™ DM4400 & DM4600 Fixed Mobiles to allow the Estates Team to call them personally or within their particular user group. As the staff roam between the two sites they are always within a radio coverage area and should they have an emergency every mobile is programmed with an emergency button to call for assistance/help.

The installation of the MOTOTRBO™ DM Fixed Mobiles was carried out by DCRS Senior Engineers outside of the sites busy hours to ensure we minimised the impact on the farming staff and the duties they had to conduct.

The Estates Team were issued with MOTOTRBO™ DP4800 Hand portable radios. With an IP57 rating these hand portables were ideal for the harsh environment they were set to work in. Also, thanks to the Motorola Accelerated Life Test they can withstand drops, knocks, the elements and whatever else is thrown at them.

Programming of the hand portables was personally discussed to maximise their investment with a full host of features being agreed upon including - an emergency button, text messaging, individual calling, remotely enable and disable and radio check should a user not be responding to their messages.

