

# Case Study

## Holleys Fine Foods



### About Us

Mobile Signal Solutions are UK based installers of commercial signal boosting systems, focused on improving mobile phone signals indoors.

Our professional team are approved installers of carrier grade equipment compatible with all UK networks. We work with the client from site survey to installation and offer maintenance & support contracts. Working together we ensure 100% network coverage, no budget overruns, and we offer upfront payment or leasing options.

Our main aim is that clients are happy to recommend us to others. Each system is voice and 4G compatible but we also future proof the design to carry other new mobile frequencies as they are launched e.g. 5G and 6G compatible systems.

### The Property

Holleys is a premium grocery distributor serving the independent retail sector. Since 1970 they have outgrown their established property and expanded into their large 10,000 square meter facility on the Severn Road in Bristol.



### The Challenge

The facility is a huge warehouse along with some additional office blocks. The biggest challenge here was the height of the roof. The added height proved to make the project more challenging and MSS had to utilize lifting equipment in order to install the external donor antennas and the internal antennas within the warehouse.

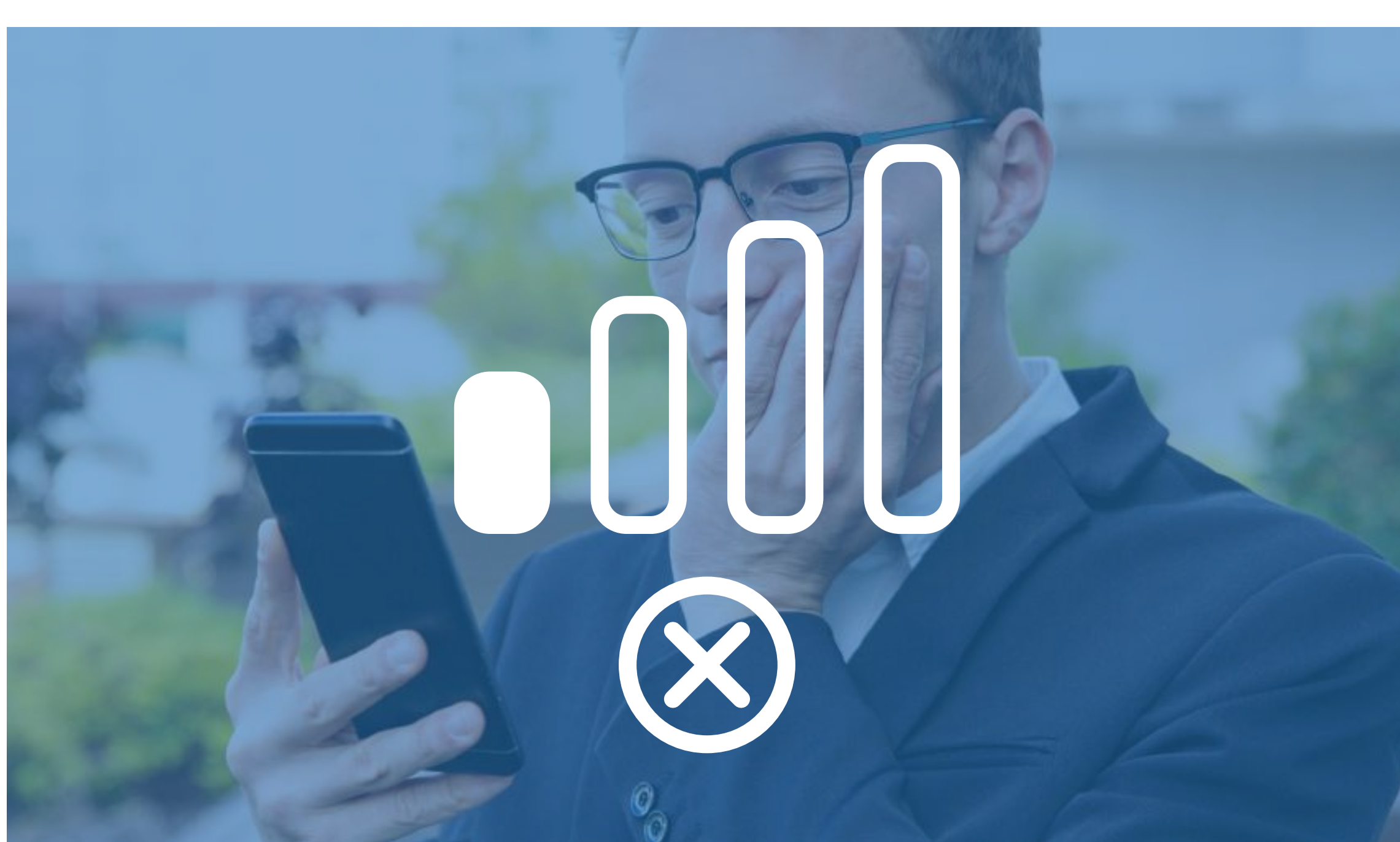
### Why A System Was Required

Poor mobile coverage affects all types of industrial premises including warehouses. The insulated cladding that is used in the majority of these units block any mobile signal penetrating through. That, with all the high shelving inside the warehouse nullifies any signal. Holleys were concerned for the health & safety of their workers and wanted to ensure they were connected at all times.



## The Results

The finished system provided seamless mobile network coverage throughout the warehouse. The hybrid solution installed provided flawless coverage throughout the facility for all networks. For the client it means the staff experience has been enhanced, staff are more readily contactable for both decision making and health and safety reasons.



### What Causes Poor Coverage?

Distance from the local base station or the construction of the outer walls are the main factors. Outer stone walls blocking signal is a common problem in many older buildings, due to the thickness of the walls signal finds it difficult to permeate indoors, especially in basements and areas with no windows.

In modern buildings, the high level of energy insulation also causes signals to be blocked. Buildings using foil backed insulation on roofs and walls, alongside variants of window panes where the glass contains metal particles to reflect the sun's rays means walls, roofs and windows all block the mobile signal.

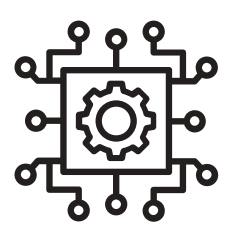
### Need A Solution?

If you're looking to improve connection across your site but aren't sure where to start give us a call today. Our team are happy to talk through your options and set up a survey.



#### Step One: On-Site Survey

You will meet with our surveyor to discuss your needs in full. You can discuss areas of importance and agree on a design plan for the system you require.



#### Step Two: System Design

Our surveyor will then design the best possible system. The surveyor will then meet with the operations team to put a cost together for that system.



#### Step Three: Installation

Before you know it we will have a team of highly skilled engineers on-site and your system will be up and running and providing flawless mobile signal throughout.

*"The MSS team were very proactive and professional at all times through the project. There was a large manufacturing site with limited to no signal across two floors and they managed to install and complete the work within 5 days safely and with excellent results! I would recommend using this company for any project big or small."*

Adam Fielding  
UK Manufacturing IT Lead,  
Baxter Healthcare Ltd

