

Installation and Commissioning

Our client approached Shape for installation and commissioning services for one of the main operators in the UK, as the end customer. Essentially the project entailed installing and testing microwave equipment that had previously been de-installed, refurbished and tested ready for use again. Key to the success of this project was our ability to cope with significant volumes, some 300 sites, over a limited time period.

We were issued site details from which we allocated a 2 man survey team to visit the site. A full survey report, risk assessment, method statement and pick list were produced as a result of the survey. From this our logistics team brought together all the important aspects for the install date which included the following:-

- * Access
- * Outages
- * Manpower
- * Refurbished microwave link for both ends
- * New antennas to match the link being installed
- * Waveguide
- * Consumables

Two x 2-man teams were allocated to install each link. Links were installed according to the call off received, per specification and to the manufacturers' installation manual. A 1-hour Bit Error Rate Test was run on completion of the installation and Certificate of Conformance completed. Finally, a Quality Audit check list was completed to ensure all aspects of the installation were carried out to a high level of quality.

Throughout this rollout we demonstrated our ability to manage and control a challenging installation project installing second hand, refurbished equipment. We maintained a high level of communication with the customer and achieved both their targets and ours.



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