



PROJECT PROFILE

AUSCOPE CORS

THE PROJECT

AuSCOPE CORS is a network of Global Navigational Satellite System Continuously Operating Reference Stations located around Australia which form a part of the federally funded AuScope program. CORS technology is now being used worldwide with applications developing in many fields including scientific research, precision navigation, engineering and precision agriculture. A few examples of the applications which may use information produced by the AuSCOPE CORS network are monitoring both slow and rapid movement of the earth's crust, calculating and monitoring sea level change, updating coordinate datums, atmospheric modelling.

THE PROBLEM

The operational life of an AuSCOPE CORS site is a minimum of 20 years. For the purpose of scientific research as well as the determination and maintenance of the coordinate datum, long uninterrupted "time series" data is crucial. Ideally, once a site is established, it will operate on a permanent basis. For this reason, a major consideration when selecting a site, is its long-life and security.

THE B&R SOLUTION

B&R supplied field enclosures to the customers specification. Key points for choosing our product was the security features and the quality build which would assure long-life of the product.

THE RESULT

By working closely with the customer, B&R has been able to satisfy their needs with a diverse range of products.

