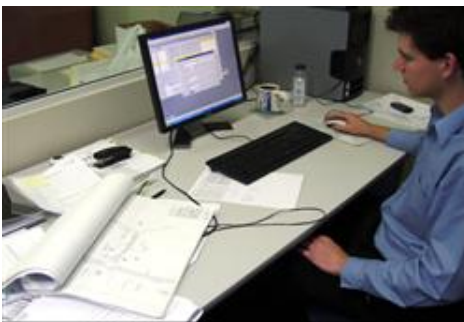


Integrated Road Inventory System Update



Location

Kimberley & Pilbara Regions, Australia

Client

BGC Contracting

Project Value

AUD\$500.0 Million

Start Date

May 2005

Office Responsible

Cardno BSD

Responsibilities

Updating of Western Australian Main Roads Integrated Road Inventory System

Project Scope

Cardno BSD updated the Western Australian Main Roads Integrated Road Inventory System (IRIS) for BGC Contracting in the Pilbara and Kimberley regions.

It is a requirement the IRIS inventory is updated with works undertaken on the network. Works may include new road construction, reconstruction, resealing and general repair of existing roads.

The system is updated using as-constructed drawings and other data sent from the BGC regional offices in Port Hedland and Broome. Skilled Cardno BSD staff then interpret the as-constructed data into prescribed formats that can be uploaded into IRIS.

The network also has a video capture performed annually. This is done using the Cardno developed Digital Road Inventory Vehicle Environment (DRIVE) system. This is a vehicle mounted digital video capture system that utilises GPS technology to digitally map the road network with the corresponding captured video allowing the user to 'drive' the network from the desktop.

Testimonial

The system that Cardno has developed and implemented provided a relevant and user-friendly means of managing a large amount of information pertaining to the assets on the road network. These systems provide a high level of confidence ensuring a level of certainty to the users of the road network information.
Brian Laurenson, Civil West Australian Manager – BGC Contracting

Contact

management@cardno.com
1300 782 171 (in Australia) or your
local office
+61 7 3369 9822 internationally
www.cardno.com