

Client: Schneider Electric / BHP Billiton

Location: Olympic Dam (SA)

Scope: SCADA and PLC Upgrades (Various)

Olympic Dam is the world's fourth largest copper deposit, fifth largest gold deposit as well as the world's largest uranium deposit.

The Process Control system consists of CitectSCADA HMI connected to over 200 IO Devices including Simatic Rockwell PLC5 / SLC5/0x and TI5x5 PLCs .

The equipment controlled ranges from Desalination Plants and an Automated Underground Rail System through to Haulage Winders, Conveyors, Stacker Reclaimers, Grinding Mills, Refineries, Solvent Extraction Plants and Smelters.



At the time of commissioning, this project was the largest PLC and SCADA sites in the world with in excess of 400,000 tags and 40,000 hardwired IO. Those numbers have increased significantly since that time, to the point where the CitectSCADA system now runs just under 1,000,000 tags.

MYGS Directors and several MYGS Engineers have either held senior positions within the Olympic Dam Process Control Group or key contract roles within various project teams.