

Solution Sheet

Process Plant



NEED: Prior to a scheduled re-fit, all tie in positions needed to be located and noted as an X, Y & Z coordinate value within the existing plant coordinate system. The pipe routes between tie-in points needed to be mapped and everything needed to be delivered in the client's currently used software platform.

SOLUTION: GDM located local plant control and scanned all tie-in points and the pipe paths between tie-in points. All targets that were used for point cloud registration were tied to plant control for a fully plant-referenced point cloud. Field work was completed in three days and the requested data format was delivered to the client in less than 10 days from the project launch.

SPECIFICATIONS: Scanworlds- 6
Control- 12 Points
Fieldtime- 2 Days
Client- URS Corporation

