Data Analytics
CASE STUDY

North Queensland Crane Services

About NQ Cranes

- SharePoint Online
- Power Apps
- Power BI

North Queensland Crane Services ("NQ Cranes") has been at the forefront of the Australian overhead crane industry for over 25 years. As Queensland's largest overhead crane manufacturer, with 8 locations around Australia, our services include crane and hoist supply, crane design, crane manufacture, crane servicing, crane maintenance and crane compliance inspections.

Gold
Microsoft
Partner
■ Microsoft

Client Challenge

To service their customers the NQ Cranes must be able to demonstrate compliance with the standards, qualifications and client site inductions. These policies and procedures formed part of an Integrated Management System ("IMS") implemented in SharePoint 2010 on Premise.

Certified System	Certified System	Certified System
Quality ISO 9001	Environment ISO 14001	Health & Safety OHSAS 18001

"Migrating our IMS to SharePoint Online offered us the opportunity to enhance and automate some of our processes taking advantage of new Microsoft technologies not available in our current environment. It also provided our staff access to critical company information, regardless of location, 24 hours a day, 7 days a week," said Stephen Goodson, ICT Manager at NQ Cranes.

"The first challenge was to collect data to demonstrate compliance. This was done using SharePoint and PowerApps. The PowerApps were designed for iPad's and replaced manual paper-based processes. Inspections, meetings and other compliance process could now be automated and the data collected and retained in the SharePoint "IMS" as proof of compliance.

The next challenge was to analyse and report on this data. To do this we used Microsoft Power BI. Power BI is a suite of Microsoft business analytics tools to analyze data and share insights.

Power BI enabled us to pull data from key SharePoint lists, analyse and display it in way that assisted with our day to day operations management. Dashboards are used to track compliance at each NQ Cranes office. These dashboards display live data are available to management across all mobile devices."