

PLC Replacement and Scale Automation Program

The scope of this program was developed by Peter Lucas Project Management in consultation with the facilities owner, contractors, and site personnel.

This included:

- The development and implementation of three terminal automation systems, including:
 - third party vendor tie-in,
 - Internal IT and enterprise assets (SAP, networking, etc),
 - Plant loading control systems to track and provide automated loading; and
 - Bill of landing process.
- Replacement of the dry handling PLC systems,
- Integration scale automation systems to reduce the sites throughput; and
- Replacement of end of life equipment.



Peter Lucas was responsible for:

- Scope development of multiple facilities,
- Engineering management,
- Estimation and budgeting,
- Planning, scheduling; and
- Installation of multiple scopes:
 - scale automation changes,
 - PLC replacements,
 - PLC commissioning,
 - full system integration; and
 - all pre-startup and close-out tasks.

The PLC Replacement and Scale Automation Program was completed on time and on-budget during the allowed outage window.

The result of the new automation equipment allowed the site to switch to 24/7 unattended loading for certain products during busy seasons.

Build your legacy.

