Systems Integration
Industrial Automation
Information Technology
Manufacturing Consulting

Lomelo Design Associates Inc.
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Design & Engineering

Licensed & Accredited - Professional Engineer, LEED-AP, PMI-PMP

Degreed Professionals - Mechanical Engineering, Electrical Engineering, Industrial Engineering, Manufacturing Engineering, Computer Science, Industrial Design

Continuous Training – ASQ, GAMP, ISPE, ISA, ISO, NFPA, UL

WWW.LOMELO.COM
Lomelo Design Associates is a UL Listed Panel Shop. Our designations include:

UL508A and UL698A ICP (industrial control panel shop)
Our listing include Category NRBX and NNNY

- General Purpose
- Intrinsically Safe
- Explosion-Proof
- Purged/Pressurized Type X
- Purged/Pressurized Type Z
- Nonincendive

We also design and build to other US and International standards such as NFPA, ATEX, CE, and IECEx
Whether a new process build, retrofit, or rebuild, Lomelo Design Associates’ Fabrication Shop works hand-in-hand with our Design and Automation groups to provide turnkey systems.

Industrial Networking

Lomelo Design Associates is proud to be a member of Belden’s Preferred Partner Program.

Redundant and High-Availability networking is our specialty. Whether your application is in Industrial, Utility, or Critical Infrastructure, our networks are designed to stay running.

We design and install Copper, Fiber, and Wireless physical layer. Verification and Validation services are a standard part of our offering.

We supply hardened WAN and LAN connectivity and distribution via Layer2 and Layer3 switching technology.
Lomelo Design Associates has extensive experience with many PLC manufacturers.

Our core offering is with Rockwell-Allen-Bradley, Siemens, and General Electric. We maintain close relationships with these manufacturers and participate in factory training and integrator programs.

Our projects span from general machine and process control to redundant (hot and warm) backup systems to Safety PLC and I/O.

We have experience with PLC networking and industrial communications such as Ethernet/IP, Profinet, Profinet PA, Modbus/TCP, HART, BACnet, and Foundation Fieldbus.

We design PLC software with best practices focused on Reliability and Maintainability.
The SCADA system is the window into the process. Lomelo Design Associates designs SCADA systems ergonomically around the process goals and risks.

As with our PLC software foundation, we concentrate on Rockwell-FactoryTalk View, Siemens WinCC, and GE Cimplicity.

For high reliability we have the option of deploying systems on Linux and Solaris OS. We are a VMWare Solution Provider and deploy virtualized systems for redundant, hot standby, and disaster recovery.

Since SCADA Systems are built on a database foundation. Lomelo Design Associates has experience with Microsoft, Oracle, and Sybase databases.

The power of SCADA is integration with line level services (Data, VoIP, Video), reporting (Alarms, Events, Annunciation) and enterprise engines (ERP/MRP, SAP).

Our partnerships allow us access to integrate many features not traditionally SCADA ready.
Lomelo Design Associates extends our partnerships and expertise to the client with integration of products and services.

**Partnerships**

- **Automation**
  - Rockwell Automation
  - Siemens
  - GE Intelligent Platforms
  - Parker

- **Networks**
  - Hirschmann
  - GarrettCom
  - Moxa
  - Siemens
  - Stratix
  - Allen-Bradley

- **IP Surveillance**
  - Axis Communications
  - Moxa
  - Sharp

- **IP Security**
  - Tofino Security
  - WatchGuard

- **VoIP**
  - Fonicaity
  - SIPfish
  - Polycom

- **Computing**
  - VMware
  - Symantec
  - Red Hat

- **Infrastructure**
  - Belden
  - Eaton
  - Powerware
  - Sharp
  - Verizon
  - M2M Provider