

# **USER INTERFACE COMMUNICATION CONTROLS AND PANELS**

## **OPERATOR INTERFACE CONTROL**

By utilizing our diversified manufacturing expertise, Northern Apex can be a total supplier for your interface, control, enclosure and panel manufacturing requirements. Our flexibility and team approach to manufacturing allows Northern Apex to be a low cost alternative and complete turnkey operation. Our ability to combine electronic assembly, cables and harnesses, and mechanical assembly, while being supported by a strong manufacturing engineering approach and a expertise with several “off the shelf” components, makes Northern Apex a viable resource for your control electronic assembly.

A typical Northern Apex control panel assembly could include:

- Thermal Printers
- Displays
- Key Pads
- Switches
- Card Readers
- **Contactless RFID interface (Smart Chips/Smart Cards-Read/Write Devices)**
- Enclosures
- Panels
- Network devices
- Embedded PC based interface controllers
- Power Supplies
- Surge Suppressers
- User I/O
- Intercoms
- Custom cables and wire harnesses
- LED's, Piezo Alarms and security interlock
- Custom Panel Labels
- Complete machining and assembly services
- Design Engineering and software support

Northern Apex has the ability to put your existing control or operator interface products into production very quickly. Our flexible approach even allows you options to supply all or portions of the components and to determine batch sizes delivered. The Apex assembly team will generate a production process which confirms the correct assembly of your product. It is our policy to include the customer in every step of our assembly process.

If your product, enclosure or software requires a custom built operator interface, Northern Apex has the ability to assist in the system integration. In addition, custom software communication applications can be written to communicate between all the devices listed above.