



# AP2000™ SCADA

## acquisition and control system



**A powerful and expandable solution designed for monitoring and control in today's process industry.**

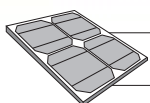
- **Evolution** – More than 20 years of quality design and construction
- **Reduce travel time** – Stay informed remotely
- **Powerful** – Easy to use SCL programming language
- **Modular** – Only buy the I/O you require
- **Expandable** – Increase your I/O count as required
- **History** – Each RTU maintains 35 days of historical data
- **Exceptional value** – High return on your investment

### applications

- Well Sites
- Pipelines
- Monitoring and Control
- Line Heaters
- Cable Reflectors
- Custom Automation Projects



is now **Titan Logix Corp.**, providing instrumentation solutions for: level and flow, transport, burner controls, communication, and drilling.



Solar Packages available

# AP2000™ features

The AP2000 Remote Telemetry Unit is a modular system based on the AP200 CPU card, the analog input cards, analog output cards, digital input cards and digital output cards.

## software –

- Uses Sherrex Systems' SCL (Sherrex Control Language)
- SCL is simple to use and optimized for the oil and gas industry
- Performs AGA gas flow, liquid flow, compensated turbine flow, and PID loop calculations

## communications –

- Land or leased lines

- Cell phone
- Analog or data radios
- Satellite
- Direct wire RS232 or RS485

## power –

- Low power – ideal for TEG or solar applications
- 10 to 30 VDC input power

## input / output –

- High speed communications between I/O

- Expandable I/O (1 to 12 meter runs, 1 to 8 PID loops)
- Universal connector for mounting on G-RAIL or DIN-RAIL

## • Up to:

- 128 analog input points
- 64 analog output points
- 256 digital input points (or accumulators)
- 128 digital output points

## AP series 110 cards

- Simple, Versatile I/O –

The AP series of I/O cards has been designed as a low power, efficient, highly reliable, and inexpensive system for monitoring and control. The number of I/O points on each card allows you to buy just the right amount of I/O. The ease with which the cards are installed along with the "hot swappable" design of the SZ Bus allows for very easy expansion.

## main features –

- Snap in, rail mount card carrier
- Plug in I/O terminals
- SZ Bus for power and communications
- Onboard microcontroller for all card functions

- Hardware watchdog timer to maintain operation should a problem occur
- Onboard LEDs for operational and diagnostic information
- Five address jumpers allow for up to 32 different addresses
- External voltage input to simplify wiring

- Temperature range: -40°C to +65°C (-40°F to +149°F)
- Humidity: 55 to 95% non-condensing
- APAIN: 4 ch analog input
- APDIN: 8 ch digital input
- APAOT: 2 ch analog output
- APDOT 4 ch digital output

The AP2000 will help you use your manpower more effectively. You will no longer need to travel from site to site to gather data. It will keep you informed, allowing you to dispatch personnel as needed. The AP2000 will help improve your production time. By using Titan's AP2000 you have over 20 years of quality design and construction to assure years of trouble-free operation.

## locations

### Head Office

4130 – 93 Street  
Edmonton, Alberta, Canada  
T6E 5P5  
P (780) 462-4085  
F (780) 450-8369

### Calgary Sales Office

Box 306, #440 10816  
Macleod Trail S.  
Calgary, Alberta, Canada  
T2J 5N8  
P (403) 251-5797  
F (403) 251-2480

### Saskatchewan Branch

Box 460, 103 Cenaiko Street  
Lampman, Saskatchewan, Canada  
S0C 1N0  
P (306) 487-2883  
F (306) 487-2889

find us online at [www.titanlogix.com](http://www.titanlogix.com)

email us at [sales@titanlogix.com](mailto:sales@titanlogix.com) or call toll free at 1-877-462-4085

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