

# *PLC and Temperature Control*

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# *Our Products*

- Industrial automation
- Data acquisition
- Programmable logic controllers
- Temperature control system

# *Goals and Philosophy*

- Work closely with clients to create a custom solution based on their needs
- Use cutting-edge technology to provide a product that is modern and competitive

# *PLC*

- Supports large I/O count
- Input insulation, output relays
- Easy programming
- Animated graphics
- Multi-level user system
- Web-based access

# *Temperature Control*

- Real-time monitoring
- Full history for every sensor
- Visual and audio alarms
- Support for both 3 and 2-wire probes
- Probe concentrators are powered over the data cable
- Multi-level user system
- Web-based access

# *Integration*

- Both PLC and temperature control systems can work autonomously
- When both systems are present, they share:
  - server module
  - user system
  - history logs

# *Architectural Benefits*

- Web-based UI allows control of the whole system through any device with a modern browser, including tablets and smart phones
- VPN infrastructure allows remote access
- License management



# *Future plans*

- Wider 3<sup>rd</sup> party device support
- Even better event management
- Multi-page animation support
- Easier debugging
- Higher integration level
- ..and much more

# *Demo time*

- See some action

# *Questions*

- <http://topalov.com/en/TPLC>
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- <http://plcdemo.topalov.com>