

## **Top Reasons To Buy A Trend Controls System**

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1. **Global Experience Locally Delivered**
  - a. The Combination of Trend UK, Trend USA, and Your local TTC delivers world class support for each Trend Project
2. **Open Protocol Support**
  - a. XML, OPC, LON, BACnet, MODBUS
3. **Flexible System Design**
  - a. Lon FTT-10, Ethernet, Trend Current Loop, EIA-485, EIA-232, and EIA-422C
  - b. Virtually Endless 3<sup>rd</sup> party Interfacing Via XNC3
4. **Robust Peer To Peer Network Topology** with no head end master panel. All controllers are distributed intelligent with built in time clocks, they can log data and generate alarms independently without a global controller.
5. **Battery Back up and Flash Memory Storage**
  - a. The IQ2 and IQ3 can hold up to a full year of schedules and the programs are stored in flash memory, no losses during power failure.
6. **Very Scalable.** From a small building with a single IQ3 containing a built-in web server with graphics to large multi-site Campus running a Single Client/Server 963 Front End
  - a. **Modular Controller Design** enables cost effective expansions of a system so you Only buy what you need
7. **Backwards Compatibility** – As Trend develops new products and incorporates new technology into new and existing products the customer's installed systems will remain compatible moving forward thereby preserving the owners investment
8. **Alarming Flexibility.** Using Emails, SMS messages, workstation, web, IQ View, or any combination. Alarms can be scheduled and prioritized per owner requirements and retransmitted through multiple channels to alert the appropriate personnel
9. **Easy scheduling** through a familiar calendar style format.
  - a. Schedule exceptions by unit, building, or campus wide with a single change.
10. **Accountability** using 963 secure any changes made are tracked, who changed what and when. The Auditing features are designed to comply with the FDA's CFR- Part 11
11. **Intense Security Features:** Up to 100 different levels of security that will allow for total customization of system access by the owner
12. **Fully programmable controllers** with function block programming that will enable programming of the most complex of control schemes imaginable
13. **State Of The Art User Interface Options** ( IQ3, IQView, and 963 )
  - a. The IQ3 includes expandable I/O, web server, XML capability, and multiple connectivity options viewed and controlled by a simple WEB Browser
  - b. IQView is a true plug-n-play touch screen operator's terminal with access to all system controllers for monitoring and control of processes, schedule editing, log data viewing, and alarm annunciation and acknowledgement.
  - c. 963 is a Flexible and Powerful server-client platform allowing up to 26 concurrent users
14. **Fast and Accurate Control** - 1 second scan time with 12 bit I/O resolution

Trend Control Systems

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