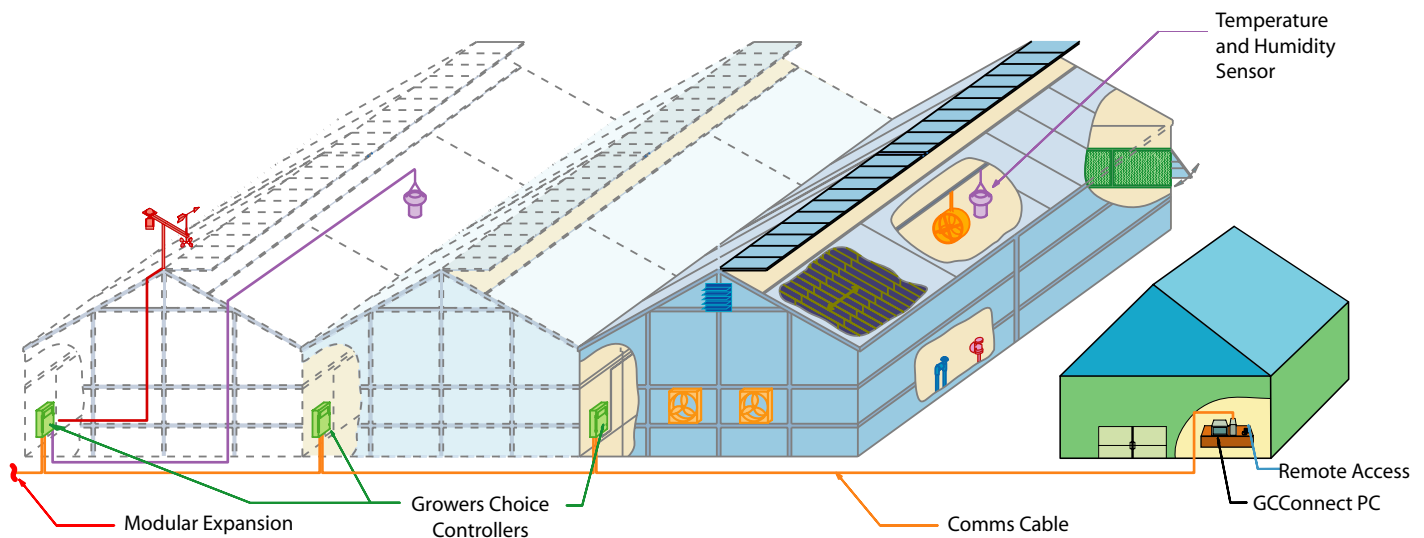


GCConnect links multiple Growers Choice controllers to create a complete greenhouse control network. QCOM engineers design innovative greenhouse control and automation systems for optimal crop production and maximum cost savings. Your GCConnect Network includes a host computer, running Windows XP software. The computer is networked to your stand-alone Growers Choice greenhouse controllers. Real time graphical tracking and data collection occurs on the computer while you also program individual controllers through the same host computer. The data transfer and system updates take place over a high-speed LonTalk™ communications network.

GCConnect



GCConnect makes your data truly real time and your network wide system changes effective immediately. The system can even interface with previously installed automation systems.

GCConnect reduces greenhouse operation costs by efficiently managing all of your equipment. The compact, "state of the art" Growers Choice units, coupled with GCConnect software, give you the power to automate your equipment like fans and foggers, while automatically varying your temperature and humidity according to your crops' specified needs.

Growers Choice controls the on/off equipment and makes proportional adjustments to curtains and vents. This optimizes your greenhouse environment 24/7 – without human intervention

GCConnect is a powerful host software package for linking multiple Growers Choice units on a network to a host computer.

Stand-alone Security

Each Growers Choice unit comes packaged in a high quality, environmentally secure, white fiberglass white enclosure. The units are complete with pilot relays, manual override switches, LED status lights and an aspirated zone temperature sensor in a solar radiation enclosure.

Simply mount the housings, plug them into a 115/220 VAC single-phase outlet and wire your equipment. Step-by-step instructions and excellent documentation are included so your GCConnect system can be up and running in less than one day.

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Each Growers Choice unit can be customized to accept a variety of different sensor probe types, so each individual unit can control numerous sensing functions. These units can be configured for multi-zone control to save you money and installation time.

The GConnect software platform supports the individual Growers Choice units within your greenhouse. Each unit can be programmed locally or at the host computer.

GConnect also has auxiliary hardware for network communications. The hardware consists of a datalink that communicates between the host computer and the communication modules along twisted pair shielded wire.

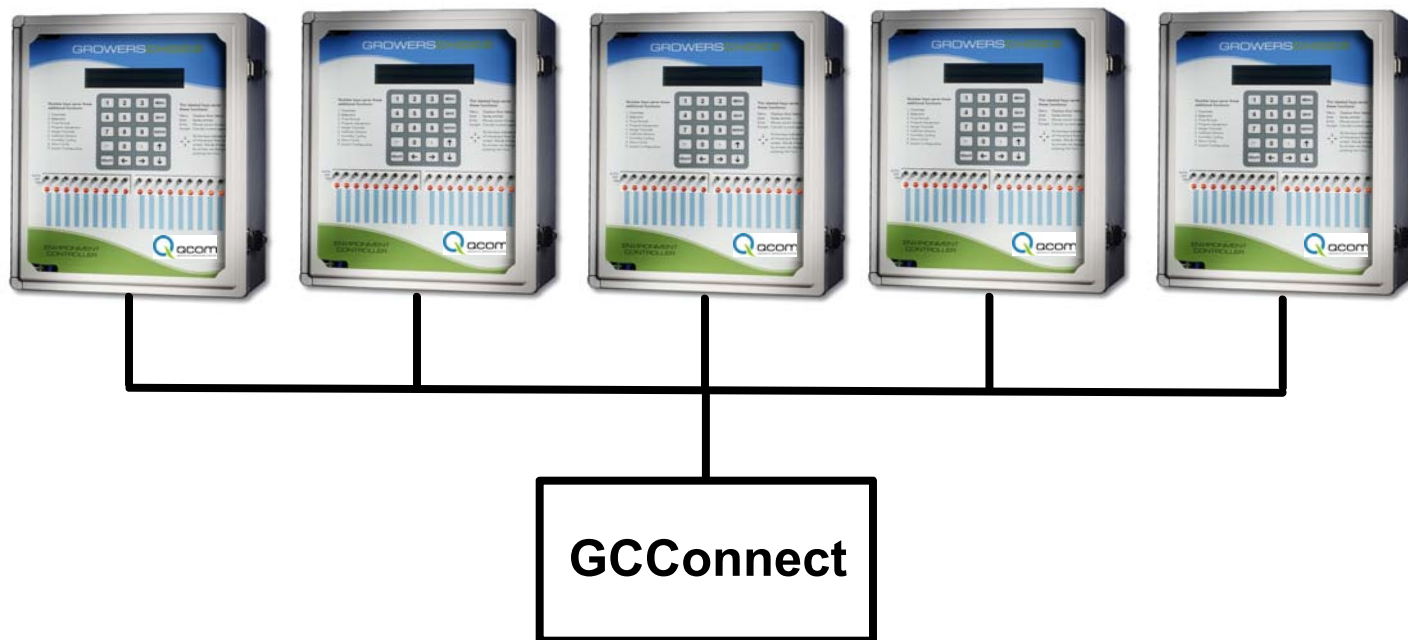
The hardware and software combination makes your Growers Choice units a powerful and comprehensive automation solution.

GConnect gives you the power to review readings and make programming changes while you collect historical data and manage alarms for all Growers Choice units on the network.

Link your Growers Choice units to take your greenhouse control to the next level. GConnect provides the networking software to integrate independent Growers Choice units and share global parameters such as weather station data, energy management and fire alarm information. The system can monitor cooling and heating demand for master vents and pumps, humidity demand for fog control as well as other critical data.

GConnect's real-time graphs allow you to monitor your greenhouse with continuously updated graphs of sensor and weather station readings so you can evaluate the performance of your mechanical systems.

Flexible scheduled overrides provide multiple options for programming events such as irrigation, lighting and pesticide application. The energy management aspect allows a programmable delay to stagger start times and prevent power surges on electrical systems. To conserve energy, the system can turn off designated equipment to optimize peak hour usage.



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