

Graphic Terminal License for Panel PC

A SCADA-Ready Alternative to the Operator Interface Terminal (OIT)



Enhance Your SCADA System Instead of Duplicating It

OITs have long been part of distributed monitoring and control systems, providing on-site single-purpose interfaces to PLCs and RTUs. A panel PC running a VTScada Graphic Terminal (VGT) software license provides a more flexible and scalable approach to SCADA architecture. See pricing and licencing information on page two.

Reduce Hardware and Software Costs

Figure A shows a typical SCADA system with two SCADA workstations and three OITs. Replacing the single-purpose OITs with VGT licenses (figure B) eliminates an office PC and provides four SCADA workstations.

Cut Integration Time in Half

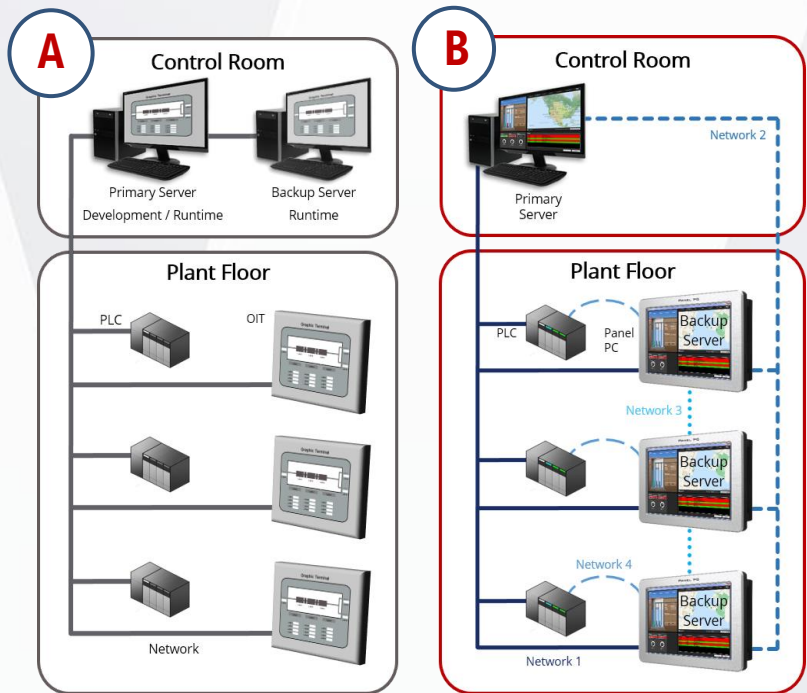
Why create tags and displays for a specific PLC in the SCADA application and in the OIT using different toolsets? VGT licenses supports one consistent set of displays across the whole system. Update tags, displays, and settings on a VTScada Configuration Runtime server (licensed separately) and instantly push changes out to all workstations without restart.

Trace Any Change and Roll It Back

Recover instantly from unexpected effects of configuration. VTScada Application Version Control (AVC) records all changes (with server names and users) to a repository with military-grade security (MD5, SHA-1, SHA-2). Roll-back changes or merge versions with a few clicks.

Increase Redundancy (Optional)

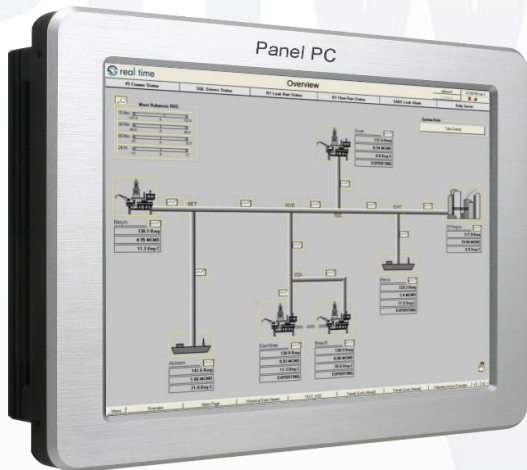
Easily configure each VGT license to automatically take over logging and alarming if the primary server goes offline. Each backup VGT license includes a synchronised historical database and version log and can act as a redundant VTScada Internet Server (licensed separately). See next page for more about redundancy licencing.



The Benefits Are Clear

Reduced Development Costs †	Common Operator Interface	Reduced Administration Costs
Develop displays and tags once	Same look and feel at all locations	Centralized security
Simplify deployment and updates	Common platform reduces training	Centralized change management
Requires competency on one platform	Central history for operator actions and notes	Centralized alarms management

† Requires a VTScada Configuration Runtime license (licensed separately)



VTScada Graphic Terminal (VGT) License

Base System

- Standalone Runtime VTScada license enabled for 1,000 Tags
- Run applications created with a Development Runtime license (licensed separately)
- Standard VTScada I/O Drivers
- Supports an unlimited number of screens
- Historian, trends, reports, and alarms (excludes Alarm Notification)
- Software support and upgrades for 90-days from date of purchase
- Optionally supports over a million tags with adequate PC memory

Optional Integrated Features for VGT Licenses

The following features are licensed separately and are easily enabled via the VTScada software key.

Additional Tag Blocks

There is no limit on the number of I/O blocks that you can add to the base 1,000 VGT license as long as its support is current.

- 100 Tag Pack
- 500 Tag Pack
- 2,500 Tag Pack

Remote Configuration Capability

Reduce downtime and site travel by remotely managing applications via a TCP/IP network from a server running a Development Runtime license (licensed separately).

Redundant Server Support

Configure your VGT license to automatically takeover I/O acquisition, trending, and alarming should the primary application server (licensed separately) become unavailable. Each configured redundant server is an off-site application backup that includes a synchronised historical database and application version control repository. **Note:** Redundant server functionality depends upon the number of tags in your chosen license. E.g. a 1,000 Tag VGT license can only be configured to support a maximum of 1,000 tags of a larger system.

Version Control Capability

VGT licenses can be enabled (via software key) for application version control operations. This enables:

- Application versioning with detailed report of all application changes noting machine name and user
- Auto back-up to version control repository with military-grade security on change detection (MD5, SHA-1, SHA-2)
- Version roll-back and or version merges

Configuration performed on-line to minimize downtime. Without this option, the version log of this terminal can't be locally examined and rolled back.

Panel PC Minimum Requirements

- 32 or 64-bit Windows Operating System*
- 20GB free hard drive space
- 2GHz dual-core processor
- 8GB of RAM

For best results, we recommend computers and tablets that support Windows 10 multi-touch functionality.

* VTScada versions 11.1 and higher support Windows 10[®]. The VGT license also supports embedded Windows operating systems. Contact us for details.

Request Graphic Terminal (VGT) License Pricing

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