

# VistaNET

## Software applications



### VNSA

VNSA is an administrative program that keeps three tables: device definition, user password and router. VNSA is only required in a system in which security is needed, or when redundancy on RS485 VistaNET system is required. VNSA distributes these three tables and allows edits to be performed on them; this application is a service on V 3.0.0.0 of the VistaNET software.

### VNrouter

VNRouter is an obsolete application that routed VistaNET data from Ethernet cards in a PC to the VistaNET cards. The VN2300 series routers replaced its functionality.

### VistaReporter

VistaReport is an application that captures reports and events from a VistaNET system. VistaReporter can save the events and reports to files, display them on a window of VistaReporter, and or send them to the printer. Events are saved in a circular file; reports are saved to static text files.

### VistaStorage

VistaStorage is an application that receives reports from networked analyzers and saves them in a Microsoft access database. Regular analysis reports are saved for only 7 days. The customer version of this application only supports PGC2000 instruments.

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### VistaSAM

VistaSAM is an application that retrieves data from the databases saved by VistaStorage. It allows the user to chart data, print, and export data to other applications. VistaSAM also allows the user to perform availability calculations on analyzers and groups of analyzers.

### VistaOPC server

VistaOPC server is a windows service that receives analyzer reports and events and creates OPC tags. The service operates as an OPC server. It allows tags to be written back from an OPC client that can request action to be performed on the analyzer such as start or stop.

### Modbus\_Client

Modbus\_Client is an application that runs only on the VistaGateway hardware. The application accesses OPC tags from the VistaOPC server and maps the contents of the tags to a serial Modbus link. This application operates as a Modbus RTU slave.

### Host20\_Client

Host20\_Client is an application that runs only on the VistaGateway hardware. The application accesses OPC tags from the VistaOPC server and maps the contents of the tags out to the serial link in a format that conforms to the Host 20 serial link specification.

### ModV\_Client

ModV\_Client is an application that runs only on the VistaGateway hardware. The application accesses OPC tags from the VistaOPC server and maps the contents of the tags out to the serial link in a format that conforms to the MODV serial link specification.

### Vista Config

Vista Config is an application that provides a user interface for changing the setting that the VistaNET software has in the registry and vistanet.ini file. This application should be run any time the IP addresses of the PC have been changed.

### Client Configurator/Config Client

The current name of this application, Client Configurator, changed from Config Client; however, the function is the same. This is a stand alone application that provides the user with a tool to create the following support files: modbus.csv, modbus\_client.csv, host20\_client.csv, modv\_client.csv, and persist files.

### PGC5000 Report Viewer

PGC5000 Report Viewer is an application that allows the user to FTP chromatograms and reports from a PGC5000. It provides the user with the ability to view and print data with more detail than the front panel and remote client allows.

## RUI's

These are Remote User Interfaces (RUI). There are a number of these in the VistaNET system used to allow remote access to either VistaNET applications running on a PC's/servers or to allow remote access to analyzers.

## HIURUI

HIURUI is an application that allows access to either the legacy VistaNET HIU, or the VN2300DM Modbus enabled router. The application allows the user to configure either device's output, view its setting, and perform a certain amount of diagnostics. The HIURUI can also upload and download a configuration to the device and save the configuration to the PC.

## VistaOPC RUI

VistaOPC RUI is an application that allows access to the OPC server service which does not have a user interface. It allows the configuration of certain parameters in the OPC server and the ability to view status information coming from the OPC server. It also provides a list of active tags that are being subscribed to by OPC Clients connected to the server.

## VistaRUI CAC

VistaRUI CAC is an application that allows a remote connection to the CAC (Continuous Analyzer Controller). It allows the remote user to make configuration changes and observe the status of the CAC. This application was obsoleted in Q1 of 2011, when the CAC was obsoleted.

## VistaRUI GC

VistaRUI GC is an application that allows a remote connection to the PGC2000 series chromatographs. It allows the remote user to edit tables, load tables and save tables to the PGC2000. It allows the remote user to view the current running status of the analyzer. The application has the ability to view, and print tables, reports and chromatograms.

## VistaRUI MW

VistaRUI MW is the remote user interface for the Multiwave photometer line of analyzers. It allows the remote user to load and download tables to the Multiwave. The VistaRUI Multiwave provides a remote user with the ability to monitor the status of the analyzer. It allows the remote user to view and print the configuration tables and reports from the Multitwave.

## VNSA RUI

VNSA RUI is an application that allows the user to edit and view the information in the VNSA application which in V 3.0.0.0 runs as a windows service; and, therefore, no longer has a user interface. The VNSA RUI allows the user to make changes to the 3 tables that the VNSA application maintains (device definition, user password, and router). Changes are made in real time with no ability to save a copy of the tables to an alternate source.

## Remote Client

The Remote Client is the RUI for the PGC5000 Series. The user experience duplicates the front panel of the PGC5000 in a PC environment.

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