VistaSTAR with PGC5000 Version 4
Data System Interface

March 2, 2015

Measurement made easy

VistaSTAR is the next generation of data system interface software designed to unify the legacy generation instrumentation that we have in the field with the current PGC5000 Series of instrumentation for a complete analyzer asset optimization and plant monitoring tool. VistaSTAR data system uses many of the existing instrumentation and applications found in VistaNET. VistaSTAR introduces two additional applications; the STAR Client and the STAR Server, and adds several new features to our flagship Process Gas Chromatograph – PGC5000 Version 4.

The STAR Client is a windows based application that provides a centralized launch point for the legacy VistaNET applications and current versions of Remote Client. It also allows the user to view trends and chromatograms that are historized in the STAR Server.
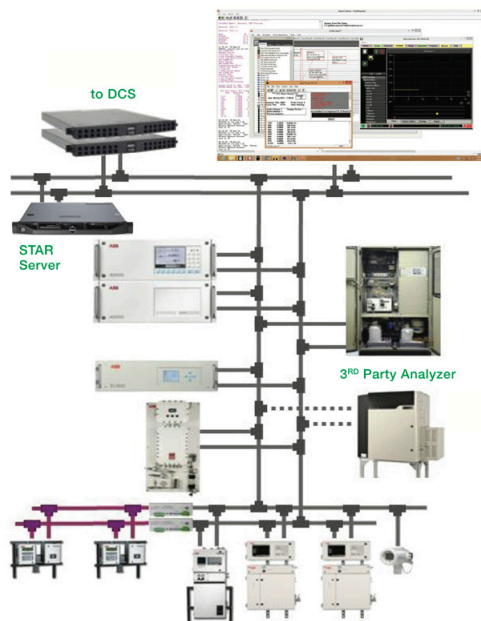
The STAR Server is an appliance server that saves data from PGC5000 (Version 4), PGC2000, RVP, and Multiwave. The STAR Server has three different licensing levels 1-5, 1-15, 1-250. If the 1-250 level is purchased, a 12 Terabyte hard drive array is supplied in order to guarantee maximum system availability.

VistaSTAR System
– Distributed, secure, and persisted Access Control List (ACL)
– Device / Application version aware
– Span multiple subnets
– Minimize network port exposure
– Supports IPv4 and IPv6 devices

Features of PGC5000 (Version 4)
– Fully supports the VistaSTAR data system protocols
– Allows remote upgrades
– Allows remote configuration uploads
– Allows remote rebooting

Features of STAR Server
– Store data for PGC5000 (Version 4)
– Stores all analyzer data including every chromatograph and report for a minimum of 30 days
– Trending and archiving of data values from multiple devices in the same trend plot
– Batch reprocessing of PGC5000 chromatograms
– Run Repeatability

Features of STAR Client
– View all data stored in STAR Server
– Plant overview
– Application launcher
– User preferences
– Import / Export trends
– Reprocess PGC5000 Chromatograms
– Consistent report viewing across multiple devices

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