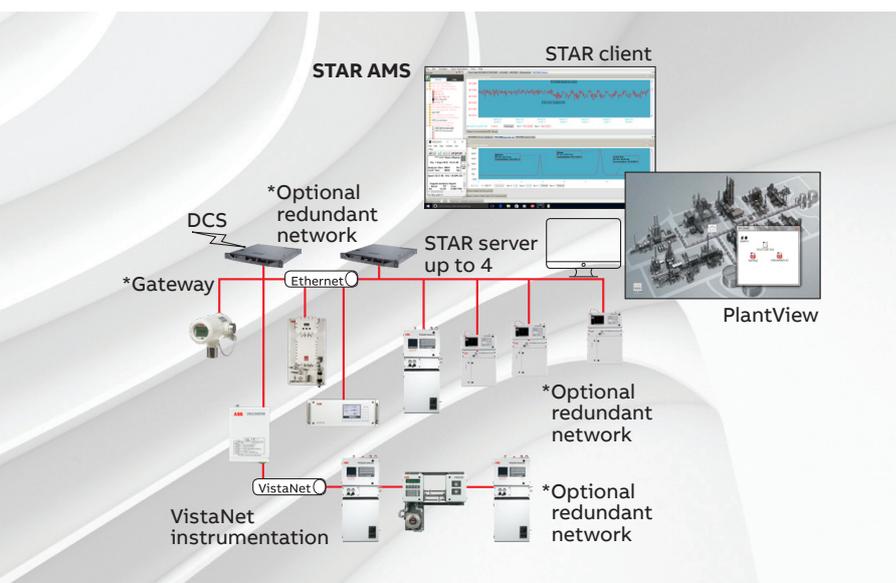


PGC5000 with integrated controller and the STAR Analyzer Management System

Hands on Training



Thursday, May 9, 2019
 8:00 am - 12:00 pm
 ISA Symposium 2019
 Galveston Convention Center
 Galveston, TX

Measurement made easy

April 12th 2019

ISA Symposium 2019
 Galveston Convention Center
 Galveston, TX
 Hands on training
 May 9, 2019 8:00 am - 12:00 pm

PGC5000 IC

This class provides an introductory operational overview of the PGC5000 process gas chromatograph and the STAR Analyzer Management System. Students will go through each operational menu of the highly versatile PGC5000 platform and review in general the analytical components and configurations that support basic GC applications and analyses. A brief overview of the new PGC5000 oven with integrated controller (PGC5000 IC) and optional wireless UI will also be provided.

STAR

Finally, the STAR Analyzer Management System will be introduced including, STAR Client operations (statistical quality control, remote monitoring, trending, analyzer availability, maintenance logs and PGC1000 UI), STAR Server operations (network architecture, data storage and retrieval), how to remotely manage all files on all networked analyzers, and linking existing VistaNET networks and hardware with STAR including 3rd party OPC servers. A question and answer session touching on specific topics and questions coming from our students will conclude the hands-on training.

For more information

Visit:

<https://isaautomation.isa.org/ad-symposium-2019/>

PGC5000 with Integrated Controller



One of a kind value

The PGC5000 integrated controller combines the core functionality of the PGC5000A master controller into either the PGC5000B or PGC5000C Smart Oven™. Removing the need for a traditional chromatograph controller reduces analyzer costs by up to 17%, and reduces valuable shelter space by up to 50%, which significantly lowers analyzer shelter costs. The PGC5000 integrated controller oven is unique in the downstream process gas chromatograph market in that the Single Board Computer (SBC) has been fully integrated into the analytical oven, eliminating the need for a traditional GC controller.

Flexible

By eliminating the need for a separate enclosure, the end-user now has much greater flexibility interfacing with the analyzer which will lead to an improved user experience.

Safe

The integrated controller oven offers an improved and safer user experience. For some applications, the oven could be elevated in aggressive ambient conditions, in order to get the oven as close to the sample point as possible. A fully independent PGC5000 integrated controller oven allows for remotely locating any of the UI options into a safer area.

Cost-effective

There are significant cost saving benefits of the PGC5000 integrated controller oven. The elimination of a separate enclosure, which has to be certified for Hazloc use, is a substantial savings in analyzer costs. However, analyzers only make up 25 to 30% of the entire costs of an analyzer shelter. By taking advantage of the smaller size of the integrated controller oven, customers can reduce their overall shelter footprint up to 50%, magnifying their savings.