



CCC VANTAGE

Steam turbine control —
streamlined.

The World-Class Controls You Expect From CCC — Now Built for Steam Turbines

Upgrade your controls experience with the Vantage steam turbine controller

The Vantage turbine controller from CCC is the newest entry to your hardware arsenal — a system expertly engineered to meet all your turbine control requirements. It is highly configurable yet approachable in its operation. With its specially designed algorithms and logic instructions, you'll achieve the cost savings and operational efficiencies turbomachinery experts have come to rely on from CCC controls.

Vantage is ideal for use cases that require specific types of turbine control, including:

- Speed
- Load
- Extraction header pressure
- Inlet header pressure
- Exhaust header pressure
- Tie-line power

Upgrading an existing Vantage GP to a Vantage GC or Vantage XC is a simple process that requires no modifications to cabinets, maintains hazardous area ratings and can be completed in hours. Additionally, the Vantage XC and Vantage GC are available with a GP 1:1 direct replacement enclosure. Upgrading from other turbine controllers is seamless using our intuitive Vantage configuration software, reducing downtime and personnel requirements.

In addition, the Vantage integrates with TrainView to provide data trending in the same system as your compressors, allowing for powerful optimization of the total system. And it's backed by CCC's global network of turbomachinery experts — the gold standard for rotating equipment service and support.





Features

- Critical speed avoidance (3 speed bands)
- Auto-start sequence (hot and cold starts)
- Multiple ratio and limiter decoupling modes
- Manual valve control and limiter
- Adaptive speed and extraction PID dynamics
- First-out indication for shutdowns
- Zero-speed detection with proximity probe
- Peak-speed indication for overspeed trip
- Remote analog setpoints for all PID controllers
- Secure access via password
- Multilingual display (with support for English, Chinese, Portuguese, Japanese and Spanish)

Get started with Vantage today.
Visit cccglobal.com to learn more.

The Trusted Name for Turbomachinery Optimization.



1 Billion
Operating
Hours



10,000+
Machines



40+
OEMs



150+
Turbomachinery
Experts



14 Worldwide
Offices



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