



Ansaldo Energia's original Pulsation Protection System helps to prevent damage to gas turbine equipment caused by pressure waves generated during the combustion process. The existing Pulsation Protection System (PPS) can now be replaced by a more advanced, robust, and accurate system, the Compact Pulsation Protection System (cPPS).

## How You Benefit

This improvement is applicable to all GT26 units and is fully retrofittable. The improvement consists of a new pulsation protection system module with related software for improved data and combustion parameter viewing.

### CUSTOMER BENEFITS

- Robust hardware platform optimised for harsh industrial environments
- Improved reliability (increased ambient temperature range, no active cooling, no moving parts)
- Modular design: simpler maintenance and serviceability
- Reduced wiring

### TECHNICAL FEATURES

- Compact Pulsation Protection module
- Software cPPS View provided

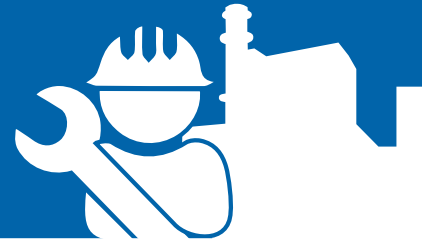
## Technical Description

A new, compact Pulsation Protection System (cPPS) is the replacement for Ansaldo's first generation PPS, as the controller and digital I/O cards of the PPS system will be out of production in the next few years.\* The cPPS is a modular system with Profibus communication and conventional analog interface to the GT control system.

Built as a robust, high performance, state of the art device to achieve higher accuracies than other available systems, the cPPS's components are designed for high reliability in harsh industrial environments. The cPPS is equipped with the software cPPSView, which provides advanced data visualization and combustion monitoring information to the user (such as online and historical spectra analysis, data sampling and data logging).

The cPPS system is fully compatible with all pulsation probe and sensor variants and applicable for all GT26 units. It is a validated solution that has been in commercial operation since August, 2012 and offers superior combustion protection on the GT26.

\*Ansaldo will maintain the PPS system as long as the components are commercially available.



*For more information and to reach our sales Team, please go to [www.AnsaldoEnergia.com](http://www.AnsaldoEnergia.com)*

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