

# DATA LOGGING, VISUALISATION AND ALERTING UPGRADE: FOR MISTRAL CONTROL SYSTEM

## Easy access and visualisation of current and historic system parameters

The data logging, visualisation and alerting for the Mistral Control system give you easy access to all relevant system parameters implemented in the Mistral Control system. The data is logged, stored and graphically visualised in real-time. Alerts can be setup from several notification channels: email, discord, line, Microsoft Teams etc.

### Features:

- Status monitoring
- Logging & Storage
- Real-time graphical visualisation
- Pre-configuration of basic display panels
- Alerting / Status alarm /Notification

### Included

The package includes the setup of a database for data logging and data visualisation on the PC and access to the Mistral interface. Our service personnel will setup a set of dashboards with base panels during the installation. The setup can easily be modified at anytime to fit your preferences.



Example of typical dashboards, visualizing system pressure, temperature, velocity of turbomolecular pumps and more.



# Technical Data

## Part number:

SERVICE for Mistral      Data logging, visualisation and alerting upgrade.

## Prerequisites:

- The Mistral control system needs to be based on an external MiniPC. To upgrade Mistral to external MiniPC is possible on request.
- For installation of the data source and to set up the Mistral interface, a VPN connection is required.
- For installation of software on the lab PC, a remote team viewer session is required.

## Please note:

- A PC is not included.
- The UHV System should not be used during the update of the Mistral control system and should be in an idle state.
- Not all components (e.g. TSP) are implemented into the Mistral control system and therefore no data logging is available.
- The base panels include pressure gauge values, bakeout temperature and PID control data. Visualisation of more data can be setup by the user.

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