



# Product Sheet

## UPG-3540 Packages Introduction & Benefits

By upgrading your COMPASS “Classic” system with one of the UPG-3540 packages, you get the MS Windows™ based user-interface that provides the extended flexibility of the Compass 6000 Monitoring Workstation software, Type 7122 version 3.

It retrieves and displays measurement data and alarm information from one or more monitoring databases on the COMPASS “Classic” server for display on your MS Windows™ workstation. The UPG-3540 packages include an installation service and several server upgrade options.

### Why upgrade?

The UPG-3540 packages include the MS Windows™ - based Compass 6000 Monitoring Workstation user interface for existing COMPASS “Classic” monitoring systems, Type 7122. The software provides enhanced flexibility and ease of use for operators in a familiar MS Windows™ environment. The new servers included in some of the UPG-3540 packages will upgrade your monitoring system, and the installation service ensures the transition is fast and smooth.

### Monitoring Workstation Benefits

The software portion of the UPG-3540 upgrade packages provide quick, easy and secure operation of your COMPASS “Classic” on-line monitoring system within a MS Windows™ environment. This versatile add-on user-interface software product is packed with features:

- **Flexible, versatile software that is secure** – The 7122 software is a true native client/server software package



using the newest XML and .NET technology available from Microsoft.

- **Full overview** – You can easily navigate through machines and measurement points in all databases on your COMPASS “Classic” server and display the relevant alarm status and measurement data - all in the same screen. This gives you a quick overview of the condition of all machines in your plant, and makes it easier for you to

make operation and maintenance decisions.

- **Easy to use** – The Windows functionality used in the 7122 is intuitive and can be learned quickly. A user with the necessary privileges can very quickly set up plots and make distributed control system (DCS) type machine mimic view screens. All this information can be easily pasted into a report.

- **Extensive data display** – The monitoring software can present vibration and process data in a number of different, resizable plots. The graphic search window in the plots makes it easy to look at and select which data to display in the plots. Data can also be displayed as data read-out objects with alarm colour-coding within existing machine drawings or photographs as a background.
- **Diagnostic tools for advanced analysis** – Multiple scalar plot displays make it easy to do correlation and trend analysis. Specialized measurements from your COMPASS system together with the COMPASS scalar, spectrum and orbit plots allow you to easily do frequency, and order analysis for more effective diagnoses. Magnitude and phase information can also be displayed in Bodé plots.  
  
The standard Machine state names in COMPASS can be changed.
- **Installation service and servers** – Our highly skilled technicians will typically get your COMPASS system upgrade up and running on a new server within two days.  
  
The upgrade is a turnkey package. It does not require any significant time or resources from you, nor will it result in any monitoring system downtime or lost data.  
  
There are several server options to meet your requirements.

*Brüel & Kjær Vibro reserves the right to change specifications without notice*

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