



## Press release 2007

### Vibrocontrol 6000 Safety Monitoring System

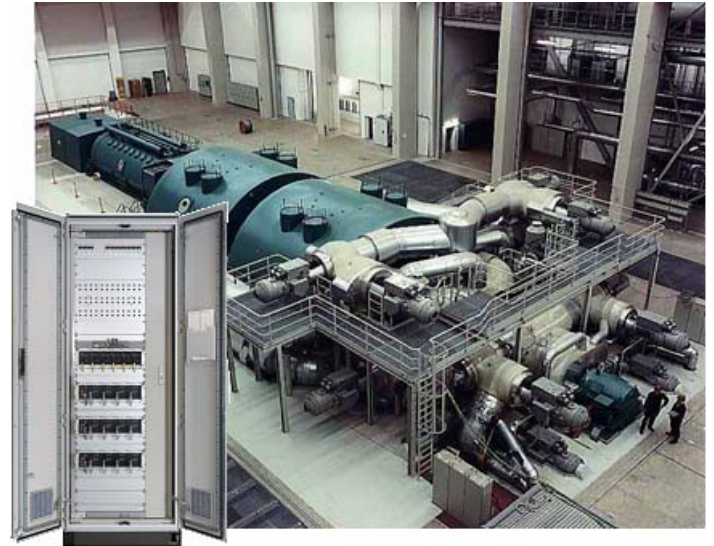


*The Gold Standard*

*Brüel & Kjaer Vibro (BKV) is pleased to release a new generation of Safety Monitoring Systems for the modern Process Industry. Offering compact size, fast reaction times and synchronous data acquisition, the Vibrocontrol 6000 (VC6000) efficiently helps avoid damage and minimize down-time of both new and old machinery in the Mining, Oil & Gas, Industrial and Manufacturing sectors, amongst others.*

**Compact and Economical:** The VC6000 comes in a standard 19"3 HE (3U) mount frame. Fully expandable and upgradeable, the VC6000 provides up to 36 channels with an internal power supply and 48 channels with an external power supply for continuous safety monitoring in one rack. Due to its modular construction, installation costs and long cable runs are reduced.

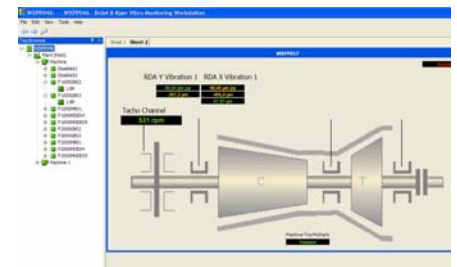
**Reaction Time in the blink of an eye:** With a reaction and trigger time that is 10 times faster than other traditional safety monitoring systems, the VC6000 can handle even small transient signals and vibration in the latest and most sophisticated machinery on the market.



*VC 6000 comes in a compact design*

**Synchronized heartbeats:** VC6000 allows individual use and modular configuration of different racks and plug in modules. In doing so, all racks can be synchronized by one plant clock for higher channel count applications. If the user prefers a standalone solution with only one rack, one internal clock will synchronize the modules of the rack.

**Smart functionality:** BKV has designed the system so the user can connect to an external PC or Laptop as a portable stand alone measurement device via the LAN interface. Now users can see and change the setup and measurement results directly online on the machine.



*Live measuring of speed on a shaft and X/Y vibrations on a bearing of a compressor*

**Hot swappable modules:** For data acquisition BKV focuses on fast synchronized data processing per channel. The compromise of a multiplex solution has been forgone in favor of fast reaction times and measurement accuracy. When modules of the VC6000 need to be replaced for maintenance and service, the internal bus system allows exchange without having to shut down the whole rack

- Safety, Condition and Performance Monitoring Solutions
- Occupational Noise Equipment and Services
- Environmental Noise Equipment and Services
- Accredited Courses and Training



Machine Overview with online safety monitoring software Compass 6000

**Compatibility:** The VC 6000 is independent of the OEM machine package vendors and is compatible with existing transducer systems of many types from a wide range of manufacturers.

**Windows Environmental:** The online monitoring software (Compass 6000) comes with drag & drop functionality and modern flow diagrams which make online safety monitoring of machine status easy to understand. This fully integrated package of Compass 6000 includes Performance Monitoring and Automatic Diagnostic capabilities, and can interface directly to the Maintenance Management Systems.

**NVMS (Noise and Vibration Measurement Systems Pty Ltd)** is the Australian agent for Bruel & Kjaer Vibro products. NVMS was founded in 1987, see [www.nvms.com.au](http://www.nvms.com.au) and works closely with sister Company SVT Engineering Consultants [www.svt.com.au](http://www.svt.com.au) to provide comprehensive Condition Monitoring, Noise and Vibration solutions.

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