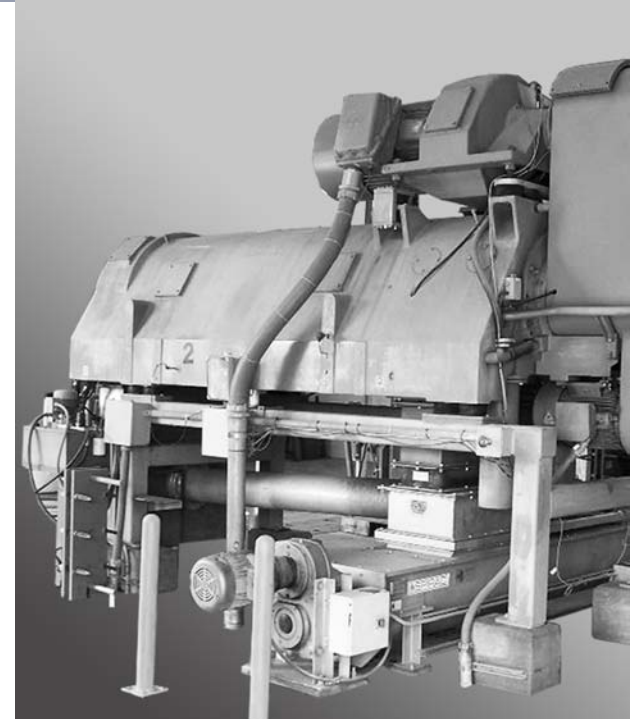
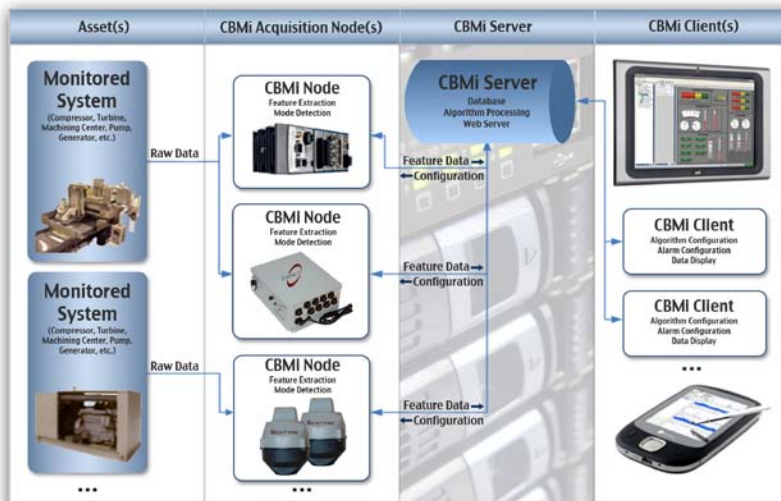


Real-Time Monitoring System for Critical Machine & Process Health Management.

Impact Technologies is a leading provider of advanced CBM systems used by the Department of Defense and NASA, and is offering this proven technology for your applications, providing you real-time situational awareness of the health of your systems. Our complete CBMi suite provides an easy to use solution for managing, diagnosing, and predicting operational issues with your machinery. The CBMi product family enables end-to-end condition based maintenance implementations for those customers that need a complete solution, but is modular enough that only the pieces required to complete the puzzle are necessary for those with existing infrastructure.



CBMi In Action



Why CBMi?

- CBMi measures and analyzes machinery sensor data on-line & full-time and has instant payback when impending machinery failures are identified early and corrective action is taken.
- CBMi integrates advanced signal processing software with industrial monitoring hardware.
- CBMi can be installed with modular high-speed, high resolution data acquisition nodes eliminating the low bandwidth limitations of conventional monitoring systems.
- CBMi exploits and identifies hidden symptoms of machinery distress.
- CBMi ties monitoring data to action - to anticipate and avoid failures.

impact-tek.com

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Georgia Office

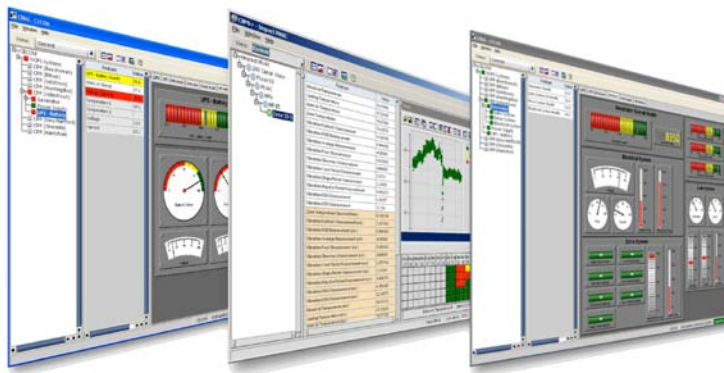
75 Fifth Street NW, Suite 312
Atlanta, GA 30308
Phone: 404.526.6188
Fax: 404.526.6189

CBMi Clients:

The CBMi desktop client provides remote access to a suite of useful tools that can be used to organize, manage, and analyze data stored within the system.





CBMi is where you want to use it

The CBMi Client interfaces allow each type of user (maintainer, operator, supervisor, director, etc.) to interact with the data in a comfortable and efficient manner. Enterprise users can examine key performance indicators and generate reports, while the maintenance planner can use the information to plan assignments for the next day. Any user can use the desktop client or a web interface to display asset condition indicators and health information, and even drill down to isolate and examine potential faults.



CBMi Acquisition Nodes

A simple configuration program for CBMi system administrators helps to centrally manage and monitor all of the remote CBMi Acquisition Nodes. Each node can be selected and customized to provide the optimum signal conditioning and data processing capabilities based on the application.

Device	Vibration Channels	Vibration Bandwidth ¹	Local Feature Extraction	Small Footprint	Low Power ²	Flexible Input Types ³	Desktop Class Processor	Demonstrated FIPS 140-2 ⁴	Cost
 Impact Sentry™ Completely Wireless	1	~10kHz		✓	✓				\$
 Impact S2NAP®	8 ⁵	~45kHz	✓	✓		✓		✓	\$\$
 NI PXI Platform	272+ ⁶	~95kHz	✓			✓	✓		\$\$\$\$
 NI Compact RIO	32+ ⁶	~20kHz	✓	✓		✓			\$\$\$

¹ Alias-free dynamic signal bandwidth with simultaneous sampling.

² More than 2 years battery life.

³ Variable conditioning options to handle a variety of signal types: temperature, strain, current, vibration, etc.

⁴ This hardware has been demonstrated to meet the requirements of FIP 140-2 U.S. government computer security standards.

⁵ There are expansion options up to 64 channels, however only two channels can be sampled simultaneously at a time.

⁶ The number of channels varies by input type. The numbers shown here are simultaneously sampled, IEPE powered vibration channels installed in a single chassis. Expansion chassis are optional; the channel limit may be determined by data bandwidth requirements.