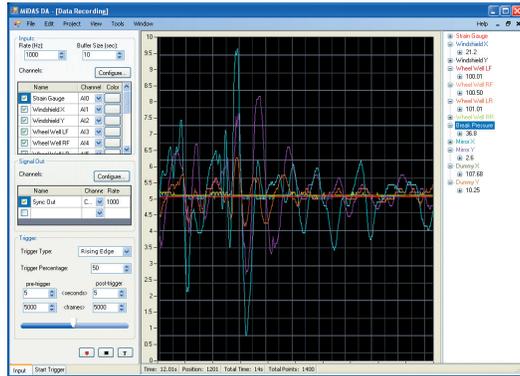


Xcitex MiDAS DA

Add Data Acquisition to your High-Speed Video Camera

Record Sensor Data with Video from any Camera

New MiDAS DA allows any high-speed or event capture video camera to be used in a data collection environment. Continuing the legacy of the MiDAS family of high accuracy, highly synchronized video and data acquisition software, revolutionary MiDAS Waveform per Frame™ technology lets you combine and synchronize data from a variety of sensors such as force plates, accelerometers, strain gauges, tachometers and pressure transducers with video.

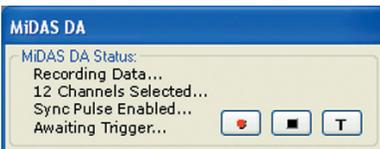
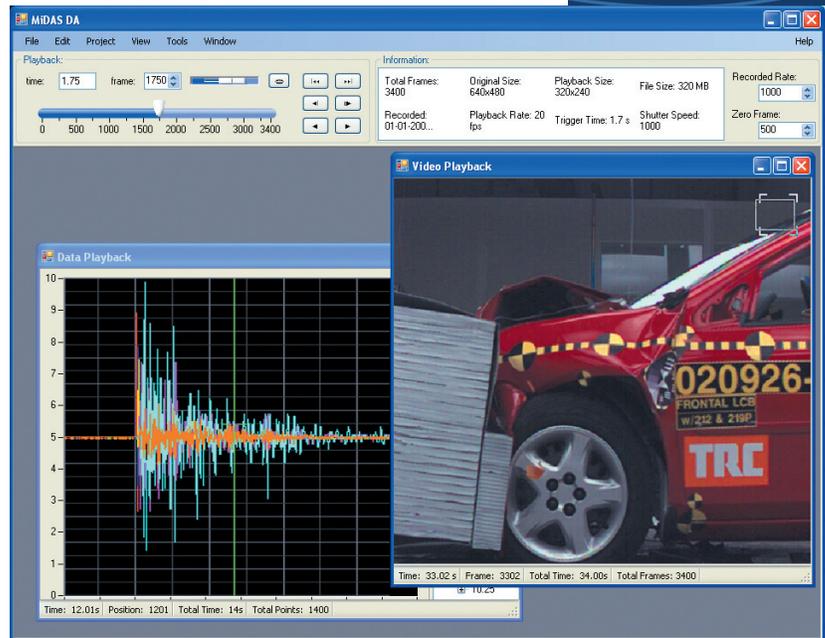


The simple and intuitive MiDAS DA software captures the data directly while simultaneously sending synchronization pulses to the camera, keeping your data and video in perfect alignment. Avoid costly training by using your native camera control software to acquire video. Then simply drag the video onto the MiDAS DA screen. The MiDAS DA Auto-Sync feature will automatically synchronize and display your test results.

The Value of Video and Data

Data is like sound to a movie, adding an entire dimension of information. Data also fills in the gaps: current high-speed cameras capture up to 20,000 frames per second, while data cards easily acquire over a million data points per second on multiple channels.

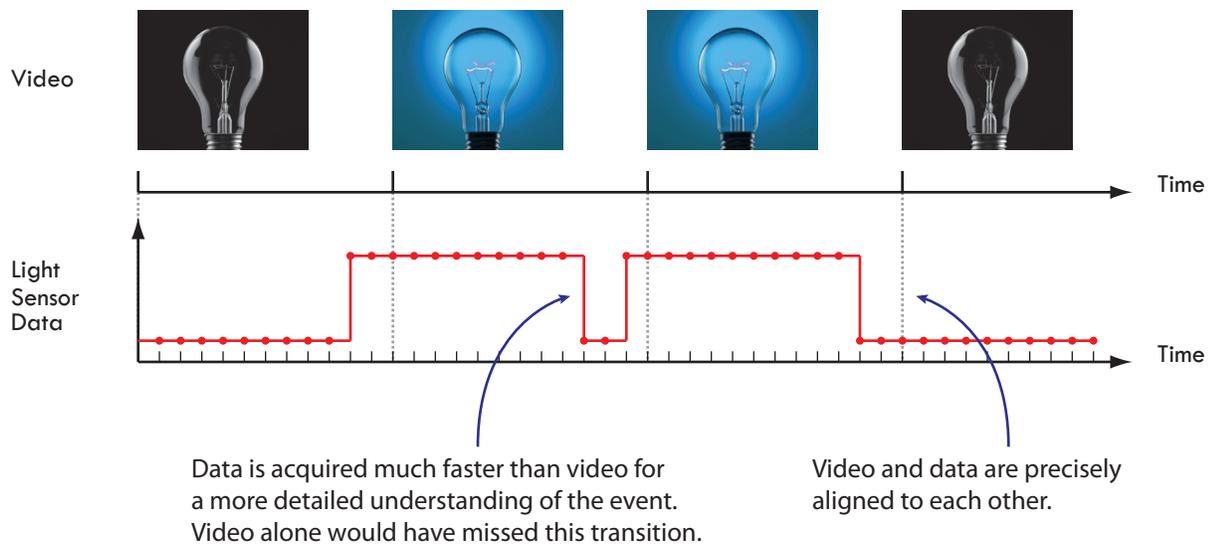
While video provides a visual description of movement, instrumentation data provides more detailed quantitative information of a variety of physical properties. Data sensors measure attributes that cameras cannot see – air pressure, current, temperature, voltage, strain, torque, etc. Capturing video and data together can yield greater insight into experimental results than video alone.



MiDAS DA enables researchers to combine the visual power of high-speed video with the instrumentation power of data acquisition.

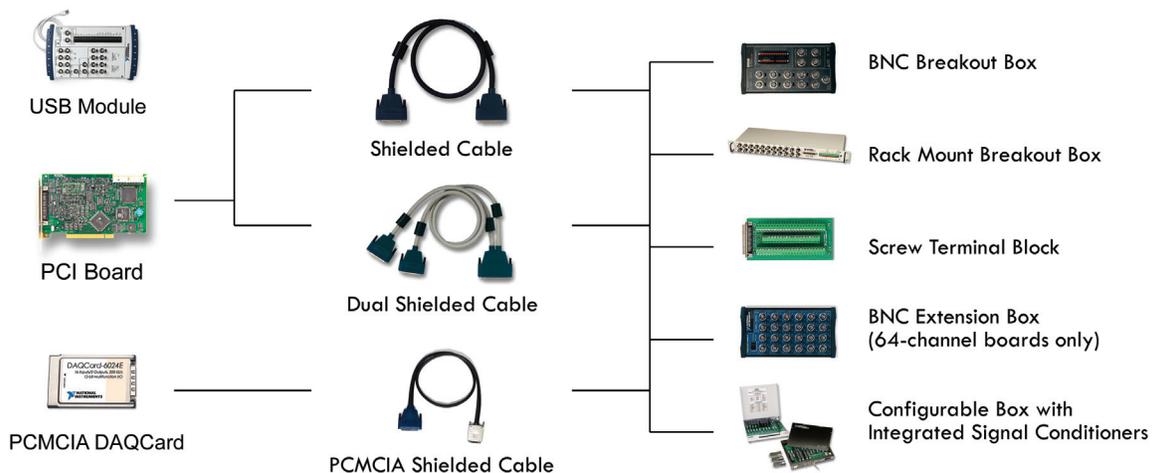
How Waveform Per Frame Technology Works

MiDAS (Motion and integrated Data Acquisition System) is the industry leading software for synchronizing high-speed video cameras with sensor data. MiDAS DA implements the newest version of the heralded Waveform per Frame™ technology invented over 10 years ago by Xcitex engineers to achieve unparalleled accuracy and precision.



MiDAS Software and National Instruments Hardware

Xcitex is a strategic partner with National Instruments™, the world's largest and foremost supplier of data acquisition hardware and accessories. You can purchase MiDAS DA software separately or bundle it with a complete hardware kit from Xcitex. Choose from a wide variety of low-cost and high performance PCI, PCMCIA, and USB-based hardware solutions, depending on your computer platform and computing requirements. All MiDAS kits include DAQ boards and cabling, with multiple breakout and termination box options, jumpers and labels to make setting up MiDAS DA simple and quick. To learn about the available MiDAS Data Acquisition Kits, visit www.xcitex.com.



For more information on MiDAS DA and purchase options, visit www.xcitex.com

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