

### Features at a Glance

- Simple setup – all cameras automatically initialize after software launch
- Touch screen ready, easy to use control panel
- User-controlled configurations
- Create discrete, manageable events from long video streams
- Timeline indicates event types and locations
- No “blind time” when downloading captured events
- Variety of event triggering methods
- Video and data automatically synchronized
- Automatically creates ProAnalyst projects for analysis
- Live view of up to 8 cameras simultaneously, spanning multiple monitors

### For more information

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## Multi-camera and data control software for ProCapture motion capture system

ProCapture, Xcitex’s motion capture control software, records live video and data synchronously with multiple Xcitex high-speed cameras. ProCapture is extremely powerful, yet very easy to configure with settings based on the user’s unique recording requirements. With a touch of a button, ProCapture allows the user to focus the cameras, record, trigger, save, and download discrete events. Project files are created for further analysis with ProAnalyst® motion analysis software. Add data collection hardware to ProCapture for complete, synchronized data and video capture.

ProCapture software is designed for researchers, engineers, physicians, or scientists studying a variety of applications. Biomechanics, sports performance, product engineering, applied science, and crash testing are just a few areas where ProCapture can provide the ideal solution.



The ProCapture control panel allows users to configure settings and switch between Live, Record, Event Trigger, or Save at the touch of a button. Overlay information displays the settings instantly.



## Control Panel



Easy to use control panel is touch screen ready.

## Easy to Use Interface and Setup

Simply launch ProCapture, and the software initializes the cameras and automatically syncs the video and data channels. There is no need for additional software and time consuming synchronization procedures.

## Configuration

ProCapture software provides maximum flexibility for user-defined software configurations:

- Choose frame rates and shutter speeds to determine resolution and recording duration.
- Select the number of data channels and samples per frame.
- Specify the desired pre- and post-event save duration for each triggered event.

## Live View

All camera views and data are readily available with the live button enabled on the control panel. Users can zoom, pan or pop-out any camera view to pixel level for focusing ease.

## Recording

Initiating a recording session requires only a single click or touch of a button. Continuous recording time varies according to the user-specified frame rate and resolution. There is no “blind time” – the cameras continue to record new events while streaming video to the hard drives. A maximum recording time of up to 5 hours facilitates the capture of extended-duration processes.

## Event Triggering

Triggering creates and bookmarks a video clip of a discrete user-defined event. Specify the save range for each event and select one of four triggering methods. Mark events with a single click of the software Event Trigger, use an external TTL triggering device, configure your camera to trigger automatically upon movement or changes in the scene, or enable automatic data level triggering when using data collection hardware. No time is lost between event captures. Mark as many events as needed and download all events at the end of a recording within minutes.

## ProAnalyst Project Files

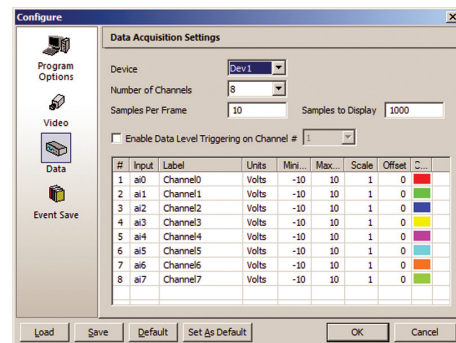
ProCapture software creates project files for immediate viewing, analysis, and graphing with ProAnalyst® motion analysis software, included with every ProCapture system. Each project contains event video from all cameras, ensuring that no significant occurrence is missed or overlooked. If ProCapture is enabled with data collection, the data is included in the project.

## Example of Event Triggering



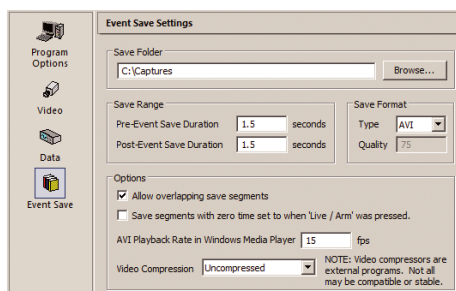
ProCapture software allows researchers to capture meaningful events with the touch of a button or external device. In the example above, the user captured the kangaroo bouncing on the force plate and saved this video sequence as an event for further analysis.

## Data Acquisition Settings



Converting input volts to a meaningful number in engineering units can be achieved within the Data Acquisition Settings window. Users can adjust the maximum and minimum limits and apply scale and offset factors for each data channel recording.

## Event Saving



Saving triggered events with ProCapture is a simple one-step procedure. Cached events are converted to user-specified video file types: avi, bmp, jpeg, tiff, or png. Users can specify the amount of video to save pre- and post-event.

