

# Digitexx Client Software

## Overview:

Our Client Software is a user-friendly tool which provides extensive structural health monitoring information including real-time data analysis, event-driven and on-demand local recording and the option to play-back any previously recorded event. When an event triggers, the Digitexx Client Software provides real-time information to quickly identify damaged area(s) which can reduce discovery time and manpower requirements. For day-to-day operations, a connection over the Internet to any Digitexx Server provides immediate data streaming and real-time data analysis capabilities without requiring a physical visit to the site.



## Other important benefits include:

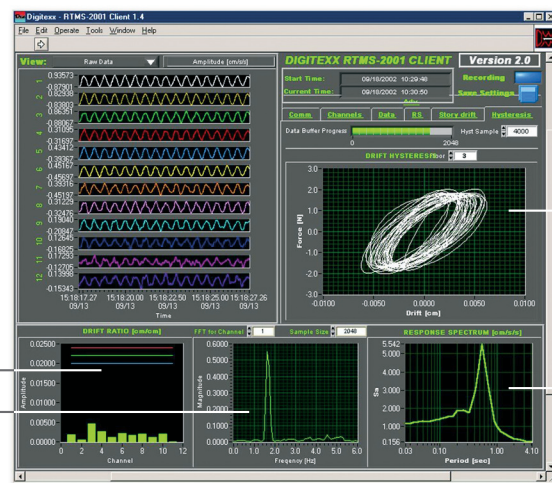
- User-defined custom trigger parameters allowing complete customization of the system for each unique structure.
- Event-driven reports and updates on a user-defined schedule permitting rapid response, less post-event downtime, and lower potential for long-term economic effects.
- On-demand data recording permits the user to generate status reports at the click of a button on their local machine.
- Data analysis and computations including Velocity, Displacement, FFT, Response Spectrum, Inter-story Drift Ratios and Hysteresis Loops are performed *real-time*
- Custom options include implementation of user customized algorithm in real-time.

The Digitexx Client software provides a full spectrum of real-time structural health information that allows the user to make fully informed decisions that save time, money and manpower.

## Real-time analysis includes:

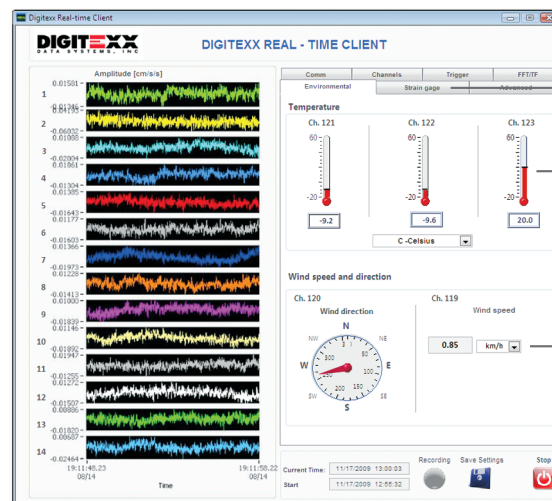
Inter-Story Drift Ratios  
FFTs

Real-time access to multiple sensor data:



Hysteresis Loops

Response Spectra



Strain

Temperature

Wind Speed and Direction