

# Rockhound

## Software Platform for Rock+, Rock, Altus and Q330 Family of Products

**Rockhound**, originally introduced as SMARTS, is a software platform designed to implement real time data acquisition solutions from streams of one or more digitizers and perform vital functions on the data that are critical to the end user.

The platform is modular as a building block structure where each module within specific implementation may be connected in many useful and different ways. Developed in Java, the **Rockhound** software platform can be run on a variety of operating systems, including Microsoft's Windows, multiple Mac OS, and Linux.

Also available is an optional Software Development Kit that allows users to create their own custom **Rockhound** modules for integrating with existing modules supplied by Kinemetrix. With the optional kit, users would be able to create their own specialized post processing, data storage, notification, triggering, filtering and other functions.

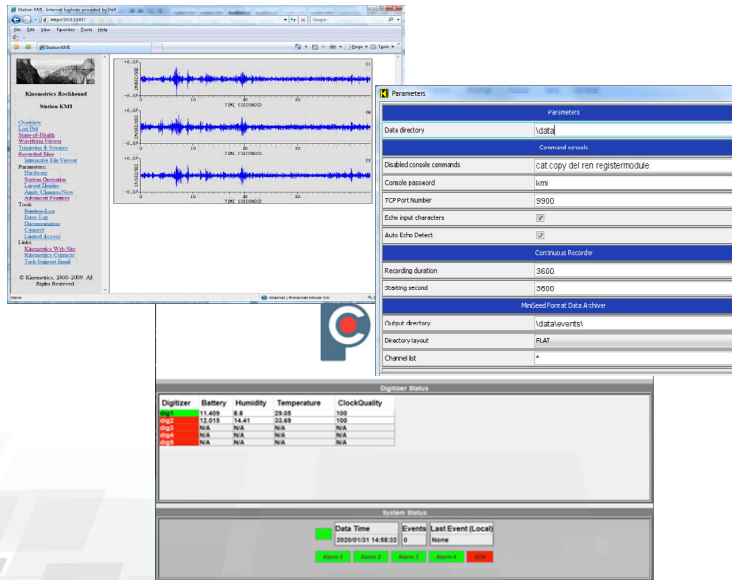
Contact Kinemetrix to learn how **Rockhound** platform best suits your particular needs and for further information on compatibility with other operating systems.



### FEATURES

Rockhound Software Platform can be used to implement:

- Continuous recording
- Triggered event recording
- Storage management
- Telemetry reformatting and relaying
- Data delivery
- Interfaces to post processing





## SPECIFICATIONS

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### **Digitizer types supported**

Rock+, Rock, Altus and Q330

### **Number of digitizers supported**

No set maximum. Depends on available computing resources

### **Primary recording methods**

Event triggered, continuous, timed recording

### **Trigger types**

Threshold, STA/LTA

### **Statistics**

Statistics generator, Summary file generator

### **Recording formats**

EVT, MiniSEED, SAC, COSMOS, SUDS, SEISAN, ASCII, others available

### **Notification modules**

TAP compatible pager, SMS, SMTP e-mail

### **File Sender modules**

SMTP email, FTP

### **Remote maintenance**

Software updates, configuration updates, remote monitoring

### **Support software**

RockTalk for remote monitoring and configuration, RockMonitor for monitoring of multiple remote Rockhound installations

### **Additional modules**

Web server, Auto file delete, DFS Telemetry (including interface to DFS compatible digital drum recorders)

### **Options**

Software Development Kit, BRTT Antelope Compatible ORB Server