Common sense…uncommon innovation

GEOTECH INSTRUMENTS, LLC

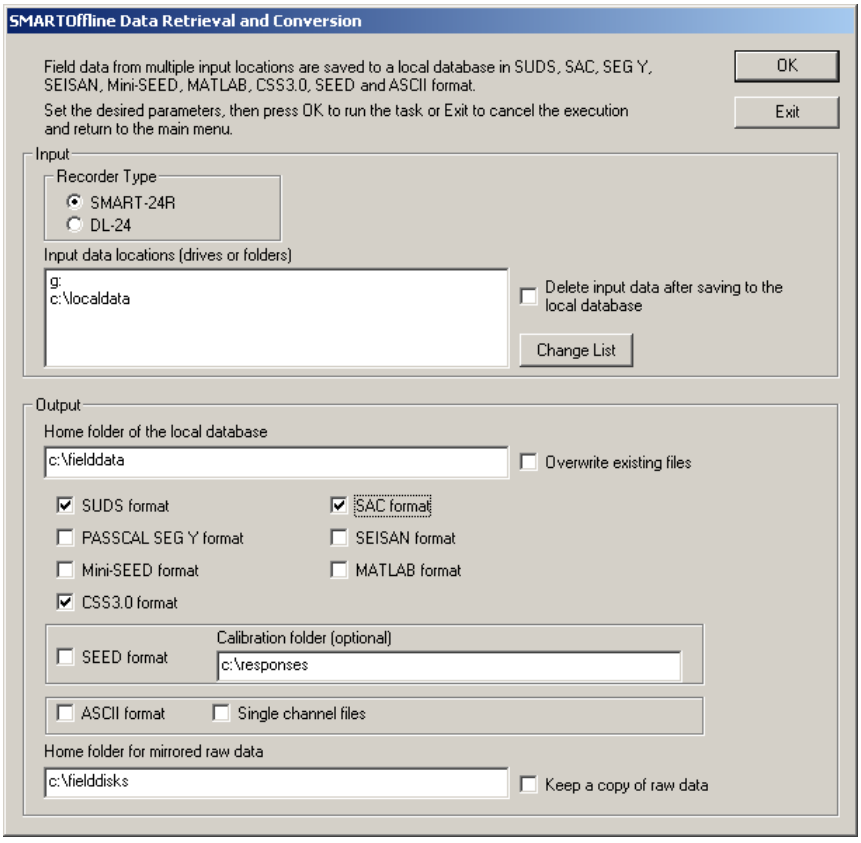
FEATURES

- **Fully automated procedures**
- **Windows applications**
- **Prepare data files for SMARTQuake®**

SMARTOffline is an automated program to retrieve large numbers of files from a number of disks returned from the field in temporary or permanent deployments of recording instruments, and subsequently to convert the data into popular seismological formats like **SUDS, SAC, SEG-Y, SEED, CSS3.0, MatLab®, MiniSEED or SEISAN.** The files are supposed to be recorded with Geotech's **SMART-24R®** or **DL-24** data loggers, but other recorders can be easily accommodated.

The Central Recording Station does the Online data acquisition from and **SMART-24D®** and/or **DR-24** digitizers, forwards data in **CD1.1** protocol to **NDC/IDC**, accepts/sends data from/to **Earthworm** systems, sends data to USGS' **LISS** clients, runs **SMARTQuake®**, and uses **SeisPlus** for interactive data analysis.

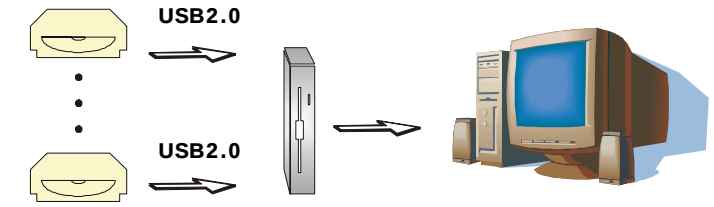
SMART Offline and Online Data Processing Solutions



10755 SANDEN DRIVE, DALLAS, TEXAS 75238-1336
Info Brazil: 21 2556-1295
Web: www.alphageofisica.com.br

SMART Offline and Online Data Flow Diagrams

SMART Offline Data Acquisition and Processing System



SMARTOffline
Automated Data Retrieval and Conversions

SMARTAssociate
Automated Network File Association

SMARTQuake® running offline
Automated Earthquake Data Processing

SeisPlus
Interactive Seismic Data Analysis

SMART Real-Time Data Acquisition and Processing System