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 data into popular the seismological formats like SUDS, SAC, SEG-Y. SEED, CSS3.0, MatLab®, MiniSEED or SEISAN. The files are supposed to recorded with be 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, communicates with other data hubs using Earthworm. LISS or SeedLink protocols, runs SMARTQuake®. and uses SeisPlus for interactive data analysis.



SMARTOffline Data Retrieving and Conversion Tool

RTOffline Data Retrieval and Conversion	
ield data from multiple input locations are saved to a local databas SEISAN, Mini-SEED, MATLAB, CSS3.0, SEED and ASCII format.	e in SUDS, SAC, SEG Y, (
iet the desired parameters, then press OK to run the task or Exit to not return to the main menu.	cancel the executionE
put-	
Recorder Type	
SMART-24R	
O DL-24	
nput data locations (drives or folders) q:	
g.: C:\localdata	Delete input data after saving to the local database
	Change List
tput	
and folder of the local details as	
	[
	C Overwrite existing files
x:\fielddata	Overwrite existing files
x:\fielddata	Overwrite existing files
SUDS format	Overwrite existing files
SVielddata SUDS format SAC format A SEISAN format Mini-SEED format MATLAB format	Overwrite existing files
 ∵Vielddata ✓ SUDS format ✓ SAC format PASSCAL SEG Y format ✓ SEISAN format ✓ MATLAB format ✓ CSS3.0 format 	Overwrite existing files
SVielddata ✓ SUDS format ✓ PASSCAL SEG Y format ✓ Mini-SEED format ✓ MATLAB format	Overwrite existing files
SUDS format SUDS format SEISAN format SEISAN format Mini-SEED format SES3.0 format Calibration folder (optional) C.\responses	Overwrite existing files
SUDS format PASSCAL SEG Y format SEED format SEED format SEED format Calibration folder (optional) c:\responses ASCII format Single channel files	Overwrite existing files
PASSCAL SEG Y format Arini-SEED format Mini-SEED format CSS3.0 format CSS3.0 format SEED format Calibration folder (optional) c:\tesponses	Overwrite existing files

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SMART Offline and Online Data Flow Diagrams



