China Array Instrumentations

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1. Mobile seismographs and accessories

2. Seismic sources

3. Instrument Center (IC)

4. Data Management Center (DMC)
Reftek 130B-01 Data acquisition system

GURALP CMG-3ESPC (BB), 40T-1(SP) and 3T(VBB)

600 Mobile Seismographs

200 Wireless telemetry system

Reftek 130B-01 Data acquisition system
Large air-gun and great power vibrator--Seismic sources -- Active Seismic experiment
Data Management center
Linux, Oracle database

China Array portable seismographs

internet

CF card

Receive Continuous waveform data
Data from CF cards, Hard Disks

seed

Event waveform data

www
Send request

user

FTP
Get data

Data Management And Service system

Oracle database

mass storage:
30 Tb of RAID disk
100 Tb the tape based mass storage
North China Experiment 250
South West China Experiment 300
~580 Seismographs Installed in Two Areas
Air-gun Experiment
North China Experiment 250
Microtremor Array Observation 30
South West China Experiment 300