



SEISMOLOGY  
RESEARCH  
CENTRE

## eqServer

### Earthquake data management

#### Features

- Fully operated through any web browser
- Accepts data from Kelunji and any other seismograph that can send PC-SUDS or MiniSEED data formats via FTP
- Subscribe to data feeds from any publicly available SeedLink server
- Customisable maps using NASA imagery
- Set up subnetworks within your network
- State-of-health maps to manage the operation of your networks
- Display continuous data:
  - Last hour of Live Data
  - 24-hours from one station
  - One-hour views of all stations
  - One-hour view of subnetworks
- Click to preview data for download
- Automatic event notifications and web bulletin generation
- SQL database stores all parameters
- Logical file system for waveform archive
- Waveform data extraction to PC-SUDS or MiniSEED data format
- Event list extraction from SQL catalogue
- ...and much more!

#### eqWave

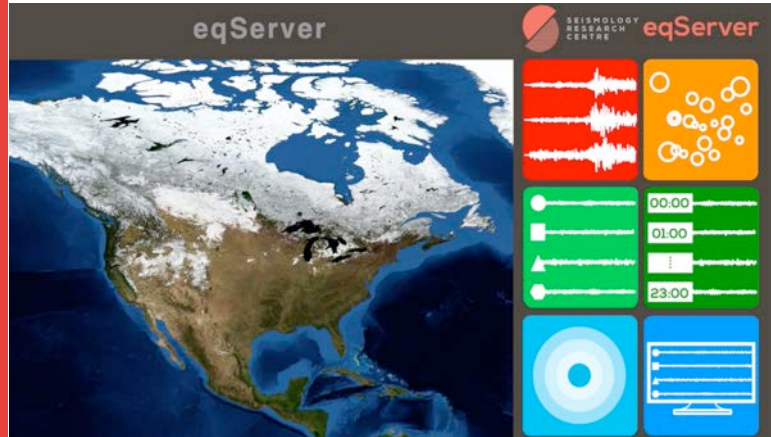
- free with eqServer
- analyse waveforms in detail
- for Mac, Windows and Linux

#### eqFocus

- discount available with eqServer
- interactive location & magnitude determination software
- for Mac, Windows and Linux

#### Quick Quake

- for iPad - free in the App Store
- rapid location/magnitude validation



#### Configurations

##### Network Appliance

The SRC can supply eqServer as a pre-configured network appliance which simply connects to your LAN and is then accessed via a web browser on any other computer on the network. Authentication restricts access to unauthorised users, and power users can connect via SSH to access advanced networking settings.

##### Hosted service on the Cloud

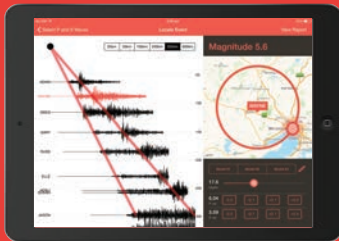
The SRC can provide eqServer as a hosted service on a cloud service operated by a top tier provider. After a once-off setup fee, eqServer is then available for a monthly service fee.

This is an economical solution for short term projects (less than 2 years) and for organisations who don't want to worry about hardware or software maintenance and upgrades – the hosted service is all inclusive.

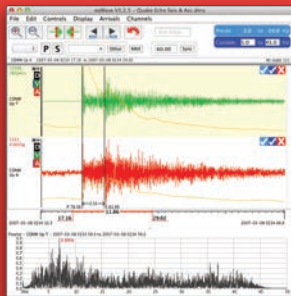


eqServer can accept data from any number of Data Sources

### Companion Software



Quick Quake for iPad (free in the App Store)



eqWave (free with eqServer)



eqFocus (sold separately, discounted for eqServer users)



MANUFACTURED BY  
ESS EARTH SCIENCES  
A QUALITY CERTIFIED COMPANY

## System Overview



FTP over cellular, ADSL, radio or other data network

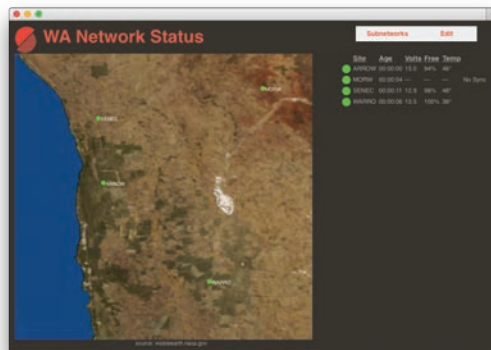
FTP or SeedLink

Internet

Web browsing



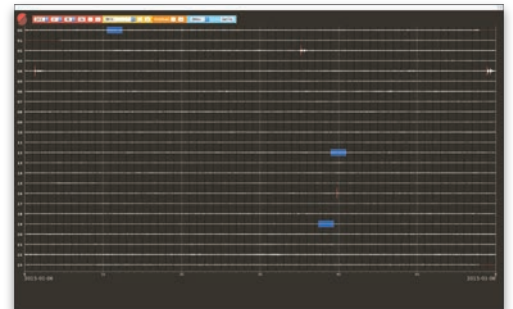
Define main network and subnetworks



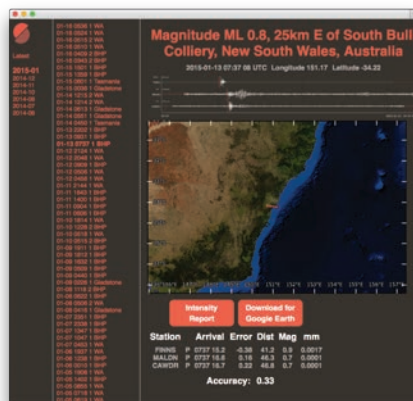
View network health by subnetwork



Latest Hour of Live Data for public display



Review 24 hours from each station (above)  
Review 1 hour per subnetwork or all stations



Review automatic earthquake locations



Easily extract waveform data and earthquake lists by date, time, station, area, and other filters