

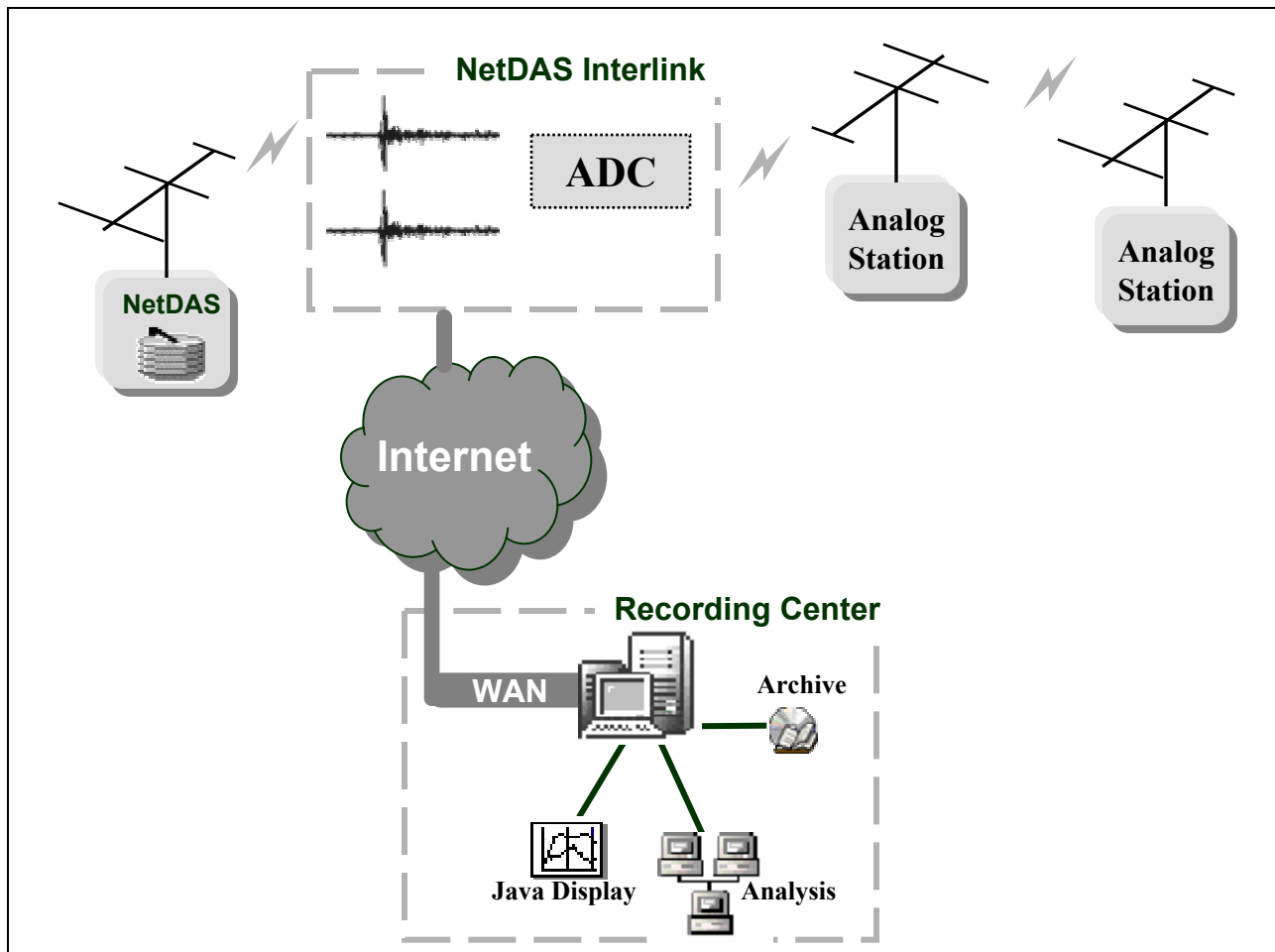
Interlink

Expandable 16-bit Internet Data Acquisition

Interlink is a TCP/IP client/server 16-bit digitizer, data logger and transmission system. When used with the bundled *NetDAS Software Suite* Interlink provides for the seamless integration of digital and analog networks and can serve as a high-sample rate and high channel count digitizer for local sensor arrays.

Applications and features

- Elimination of leased telephone lines
- Geothermal and local seismic monitoring
- Integration of digital and analog networks
- Earthworm compatible (no guide channel or time-code generator required)
- Structural arrays
- Programmable per-channel gain and LPF options
- Runs under Windows XP or Linux



About Interlink

Interlink is 16-bit TCP/IP data logging and transmission system that is expandable from 16 to 256 channels and is often used to bypass leased analog phone lines with the Internet. Interlink offers GPS-synchronized integer sampling and seamless concentration and recording of both digital and analog seismic data. Interlink is the lowest cost system capable of feeding Earthworm and other central recording clients and comes bundled with the *NetDAS Software Suite* client/server package. This package includes trigger modules, graphical display, format conversion, Earthworm client and data concentration and can be run independently of any hardware.

Specifications

- **Timing:** GPS (0.1 ms accuracy), no time code generator required
- **Channel count:** 16 – 256
- **Resolution:** 16 bits
- **Channel configuration:** Differential or single-ended
- **Operating System:** Windows/XP or Linux 2.4 kernel (option)
- **Channel timing skew:** 10 microseconds, max
- **Standard sampling rate:** 100.000 (other rates available as an option)
- **Gain:** 1, 2, 4, 8, 16, 32, 64 on a per-channel basis or 500X (option)
- **Filtering:** 3-pole low-pass, 100 or 400 Hz cutoff (option)
- **Synchronization:** Scan list (no guide channel hardware required)
- **Formats:** SAC, SEG-Y, GSE, SEED, SUDS, MATLAB and ASCII
- **External support:** Earthworm client
- **Scan list.** Single channels can be acquired at multiple gains
- **Triggers:** STA/LTA and Amplitude
- **Strong-motion:** Real-time trigger packet notification
- **Software bundle:** Runs under Windows XP or Linux (option)
- **Enclosure:** Rack-mount, industrial or desktop

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