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# Waveform QCtool: A Web-Based GUI for Examining Processing-End Station State of Health

A web-based graphical user interface has been developed that provides the user with the capability of determining processing-end station state of health information for seismic, hydroacoustic and infrasound stations. The main visual feature is a station x time matrix with coloured cells that provide information on the health of a selected parameter for that time interval, which is usually set to be one hour. Presently three parameters are being displayed, viz: station noise determined each hour for all Seismic, Hydroacoustic and Infrasound stations; the health of the QC mask used in DFX processing; and Event Quality information that plots information like event station magnitude residual as a function of time. Processed data in various formats is available to the user who can display waveforms for selected intervals.

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