

## Improvements to the State of Health (SoH) Module for Standard Station Interface (SSI)

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CTBTO Standard Station Interface (SSI) is a set of executable programs and application programming interfaces for acquisition, authentication, archiving, and telemetry of seismic, infrasound, and hydroacoustic data acquired by the stations of the IMS nuclear monitoring network. SoH module of the SSI is the interface which allows station operators to monitor and control parameters of the SSI operation. SoH module collects State-of-health information related to the SSI, underlying hardware and software layers and presents this information to the station operators in a user-friendly format.

The objective of the ongoing SoH module modification is to provide the station operator with a modern means to access SoH information of the running station. This includes meaningful measurements provided by the digitizers, by SSI, the CRF and by supporting equipment.