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Development of the Standard Station Interface Calibration Module

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The SSI calibration module is a tool that extends the Standard Station Interface (SSI) for intuitive execution of instrumental calibrations and review of calibration results. It aims to (1) support the complex planning, technical execution, evaluation and reporting of the calibration of IMS seismic and T-phase stations (2) provide a single, standard interface that masks the heterogeneity of the hardware/software used at different IMS stations and (3) standardize the communication through full implementation of IMS2.0 format to dramatically ease the exchange, parsing and review of calibration messages, for both the Station Operator and PTS staff. The module was deployed at a few pilot stations and the PTS currently continues the deployment at other stations.

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