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# of New Technologies at the IMS Radionuclide Particulate Stations

Sixty-nine of the 80 CTBT IMS particulate stations are already installed and 64 stations are also certified. Some of these stations are situated in very remote locations, and operational conditions often include very harsh climate conditions and austere infrastructures. In order to improve data availability and quality for these stations and also to sustain long term operations, the IMS division is developing and implementing state of art solutions which decrease the stations susceptibility to these harsh external conditions. This paper describes the latest technological solutions, some already implemented or soon to be implemented at IMS radionuclide particulate stations, to provide improved reliability, redundancy, and data quality.

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