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challenges at the IDC Operation Center to address Station issues during the COVID-19 pandemic and maintain the IMS network at a high level of performance.

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Daily challenges at the IDC Operation Center to address Station issues during the COVID-19 pandemic and maintain the IMS network at a high level of performance.

The COVID-19 pandemic and the associated public health interventions undertaken to contain it have resulted in widespread and unprecedented social disruption.

Station operators are responsible for the operation of the individual International Monitoring System facilities in accordance with the IMS Operational Manual. In this context, station operators faced the new challenge of operating stations during a lockdown or in periods of severe travel restrictions.

The restrictions imposed by Governments created limitations to perform the on-site troubleshooting, which forced station operators to maximize their capability to perform remote troubleshooting.

The PTS has developed a comprehensive analysis of station issues through several monitoring tools, thus providing solutions that can be implemented by station operators to handle such issues in a timely manner.

Continuous communication and flexibility to support station operators is also key to making progress in troubleshooting under critical conditions.

The presented results show that this approach can minimize station downtimes and keep the IMS network at a high level of performance, even during a pandemic.

Promotional text

Station Operators and the PTS faced new challenges to handle the incidents to keep the IMS network at a high level of performance during the COVID-19 pandemic. This Abstract provides an example of the resilience of the CTBT monitoring regime.

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