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## **information system capabilities: GeoEvent method to improve network optimization of CTBTO Operation data**

Theme 4: Performance Optimization Theme 4 Topic: T4.1 Network Optimization Abstract: Geography information system capabilities: GeoEvent method to improve network optimization of CTBTO Operation data Bamidele Rotimi Ayoniyi, MSc. Network optimization plays an important role as information technology is growing at exponential rates especially with CTBTO Operations and computer centre producing large volumes of data and thus consuming larger network bandwidths. However, if proper network optimization is not in place, the continuous growth can add strain to the network architecture of the concerned environment or organization. In this paper, proposes Geography Information System (GIS) capabilities, a GeoEvent method as a tool to monitor traffic data, improve network performance and eliminate data redundancy of real time continuous data from end to end.

**Primary author:** AYONIYI, Bamidele Rotimi (University of Vienna)

**Presenter:** AYONIYI, Bamidele Rotimi (University of Vienna)

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