

of Art Stations Information Management: Enhancing the Sustainment of the International Monitoring System Network

Operations and Maintenance of the facilities at International Monitoring System (IMS) is performed by the Station Operators with the required support at the Provisional Technical Secretariat. This is the sustainment strategy and it requires continuous knowledge of the facilities; the installed equipment and its configuration, the conditions at the sites and operating procedures. The IMS Operational Manuals in their Attachment III define the information items required by Station Operators and PTS to sustain the network. To fulfil this mandate, the PTS launched the Station Specific Documentation (SSD) Project. The project is designed to manage the development of up to date, validated, maintainable, re-usable station documentation, providing accessibility to the documentation simultaneously to all stakeholders. The project uses information management best practices avoiding data silos, with centralized data management where metadata and business rules are well defined. It presents a complete solution, easy to integrate with other applications and easy to use for all user cases. SSD project balances the three key intervention areas in information management; processes, people and technology. The paper presents in detail the current status of the SSD project and the way forward in enhancing the sustainment of the International Monitoring System based on information management.

Primary author: AKRAWY, Michael (CTBTO Prep Com / PTS)

Presenter: AKRAWY, Michael (CTBTO Prep Com / PTS)

Track Classification: 5. Monitoring for Nuclear Explosions in a Global Context