(U) ELINT Analysts - Overcome by Overload? Help is Here with IM&S

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(S//REL) Globalization is leading to an unprecedented proliferation of complex weapon systems. This, coupled with increasingly sophisticated SIGINT collection systems, is leading to exponential growth in the volume, velocity, and variety of ELINT collection and processing artifacts. ELINT Modernization (EMOD) Information Management and Storage (IM&S) provides long-term, uniform access to an increasing number of ELINT data sources, to include traditional (i.e., satellites and surveillance aircraft) and non-traditional (i.e., UAVs, fighter jets, naval vessels) collection and processing systems.

(U) Currently, an IOC* system is deployed which will provide access to five years of ELINT reports and raw data to analysts with NSANet access. Thin client applications allow analysts around the world to search for and retrieve ELINT data with only an NSANet terminal and a current version of Mozilla Firefox. Many additional features are designed to invert the paradigm where an analyst spends more time searching for data than analyzing it. These include:

- (U) **Thumbnail tools** which provide users the capability to preview Power Spectral Density (PSD) displays of Digital Intermediate Frequency (DIF) files with links that enable file slicing prior to downloading them for further analysis.
- (U) **Subscriptions** to automate the query process enabling data to be staged and/or delivered for use when an analyst starts his/her work for the day.
- (U) **PL3+ Accreditation** to enable data sharing with our mission partners
- (U) **User uploads** to enable data sharing within the community.
- (U) **Linking** to present relations between data.
- (U) **Translators** to convert data from native format to standard formats used by the analytic tools.

(S//REL) By early 2012, additional archives will provide access to Combat Sent, Specific Emitter Identification (SEI), Over-the-Horizon-Radar (OTHR) and other conventional sources. Web technologies are used to present a single consolidated view of the data without regard to its actual location. The system will also connect other reference data sources such as Combined Emitter Database (CED) allowing users to view reference data in support of their analysis.

(U) To request an IM&S account from an NSANet terminal, click HERE. For computer-based training, click HERE and then search for *TOOL2065*.

(U//FOUO) POC: ████████████ PM IM&S, secure: ████████

*(U) Initial Operational Capability