SENTIENT
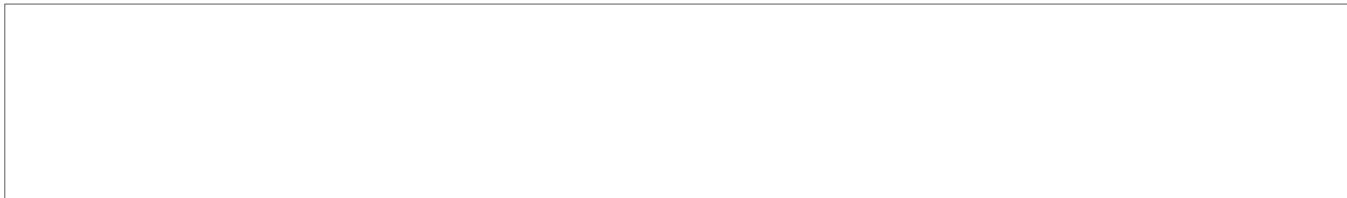
(S//TK//REL) The Sentient program being developed in the Advanced Systems and Technology Directorate (AS&T) is harnessing the power of Information Technology (IT) to bring exciting new capabilities to intelligence tasking and analysis. Sentient is a fusion of leading-edge Multi-INT technologies joined into an automated, end-to-end, integrated capability. Sentient collects vast amounts of complex information, buried in noisy data, and extrapolates the relevant pieces. What once required teams of analysts now uses automation to speed the information flow, enabling quicker, well-informed decisions. Analysts can focus on situational understanding instead of sifting through data—working smarter, not harder.

(b)(1)
(b)(3)

(b)(1)
(b)(3)

(U) Sentient will continue to investigate various alerting schemes and tasking methodologies for improving overall employment of NTM imaging capabilities. Through predictive analytics and machine learning, Sentient will increase the efficiency and effectiveness of NTM collections. By incorporating diverse situations, technologies, and collection strategies, Sentient will substantially improve the intelligence value of the NRO constellation, providing the analytical community with timely, relevant intelligence.