(U//FOUO)

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Target Technology Trends Center/T3C support to WPMO

Overall briefing classification: S//SI//REL TO USA, FVEY

(C//REL TO USA, FVEY)

Two synergistic efforts:

Trending and forecasting of global wireless and cellular networks

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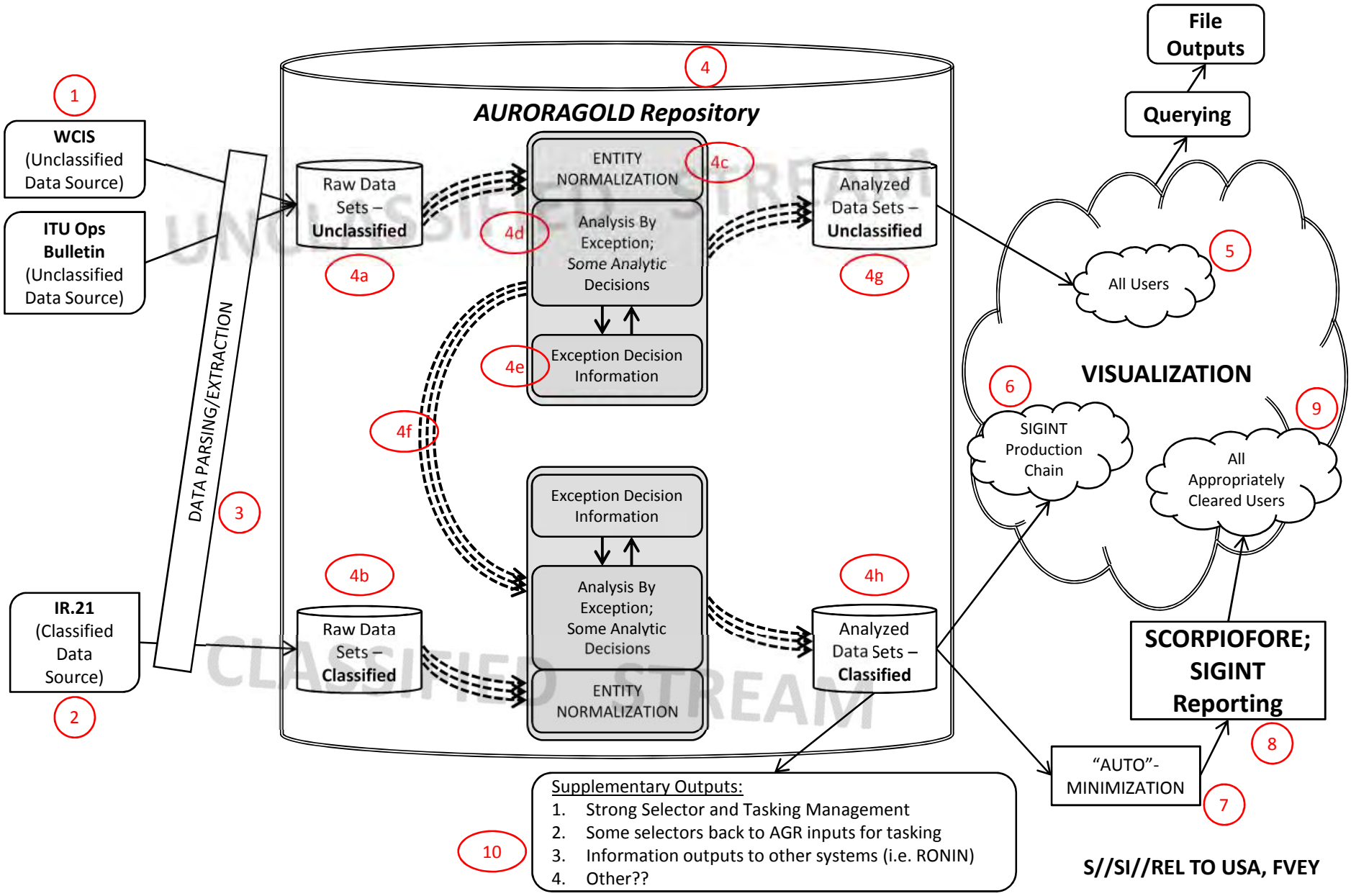
- Data gathering and analytics on GSM/UMTS networks

"Auto"-Minimization

- Automated minimization capability to ensure compliance with NSA reporting policy

AURORAGOLD DATA FLOW & PROCESS OVERVIEW

(U//FOUO)



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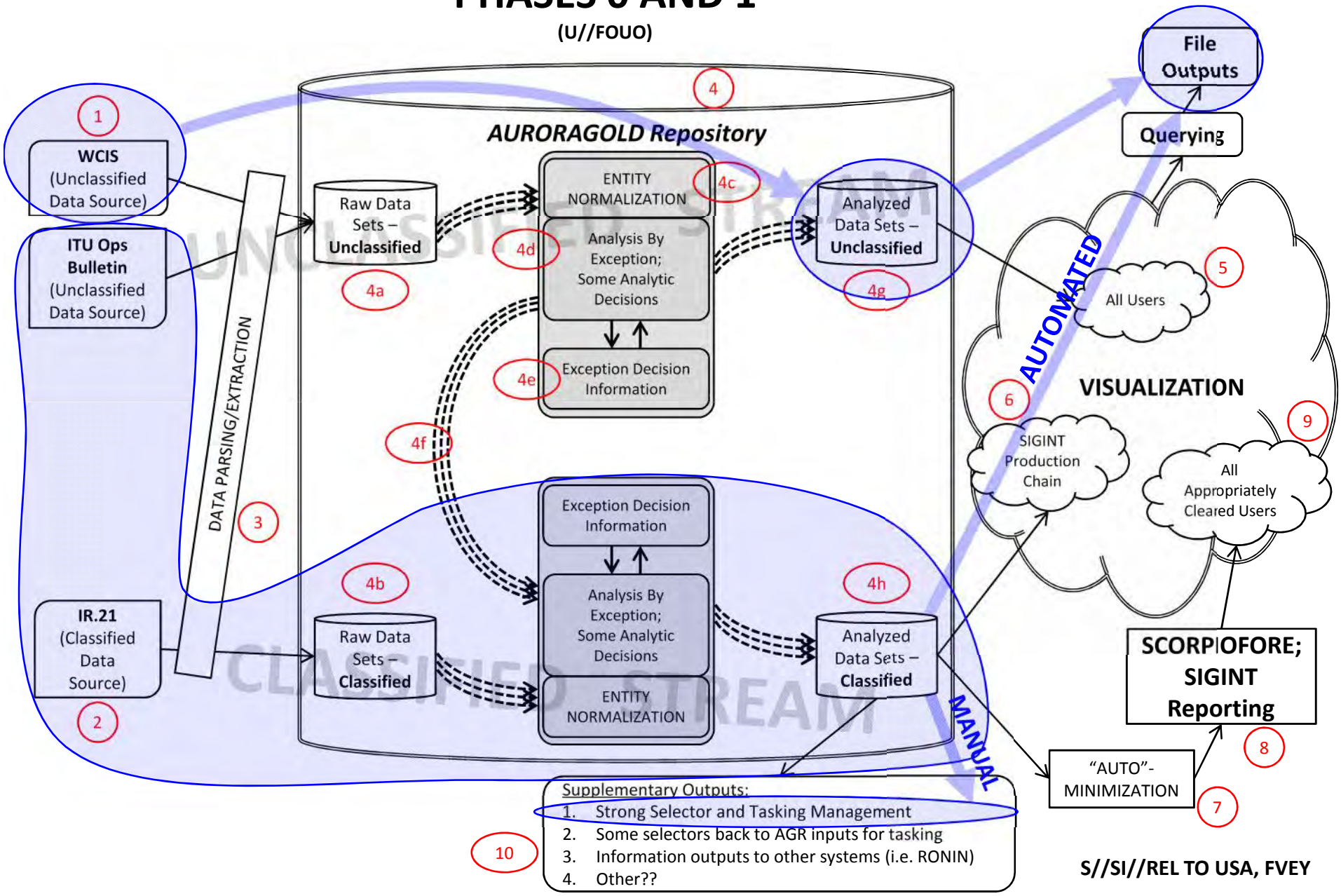
AURORAGOLD DATA FLOW & PROCESS OVERVIEW: PHASES 0 AND 1

(U//FOUO)



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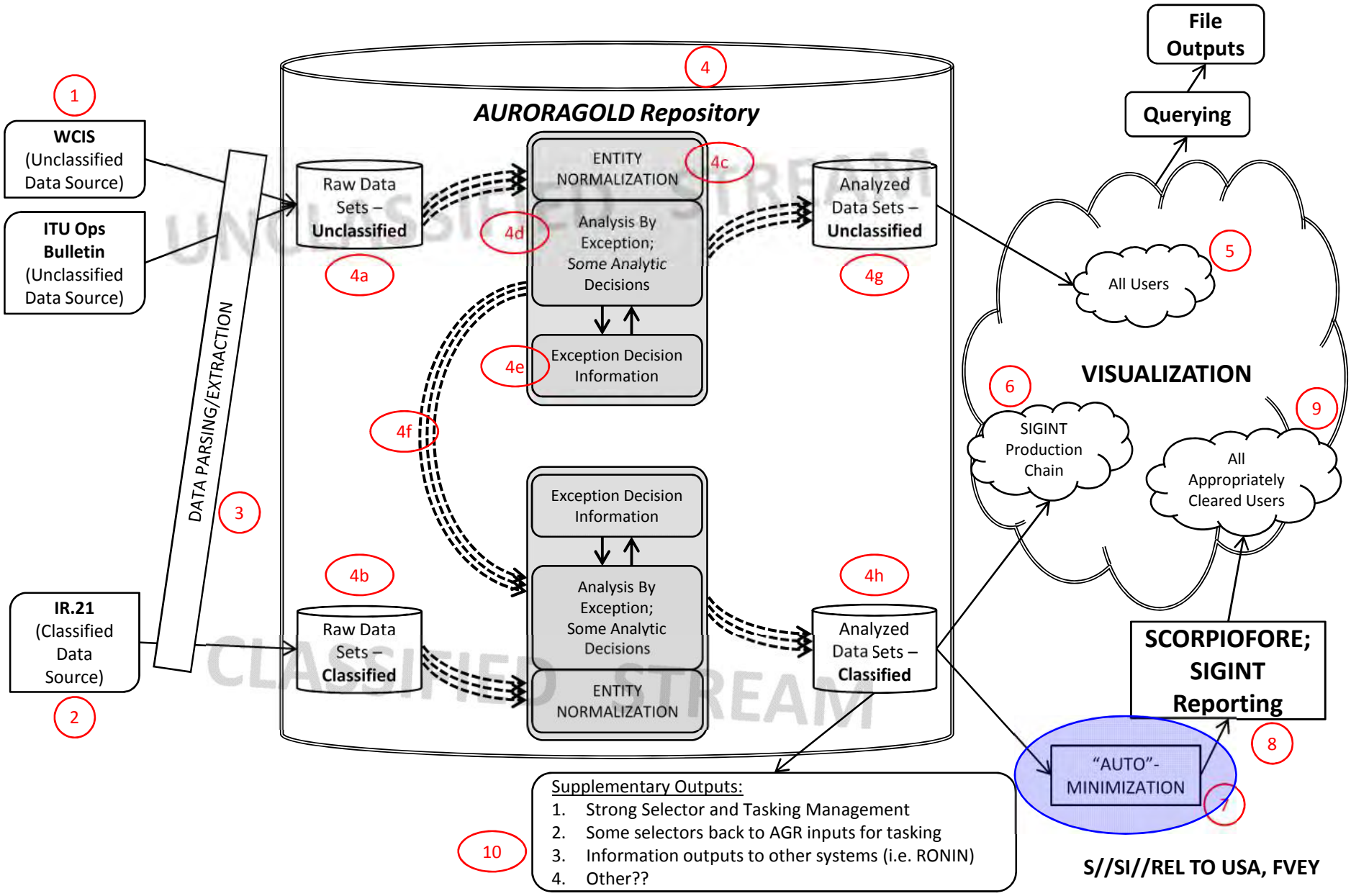
AURORAGOLD DATA FLOW & PROCESS OVERVIEW

(U//FOUO)



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NOW:

- GSM technology family from unclassified data
- Parsing IR.21 documents from SIGINT
- Basic analytics
- Basic auto-sourcing

FUTURE:

- Additional fields
- Additional sources
- Entity normalization
- Complex analytics
- Advanced auto-sourcing
- ***"Auto"-Minimization***
- SCORPIOFORE reporting
- Visualizations enabling time-series analyses

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***RISKS*:**

- Data sources and ingest
- Expanding capability to other wireless technologies