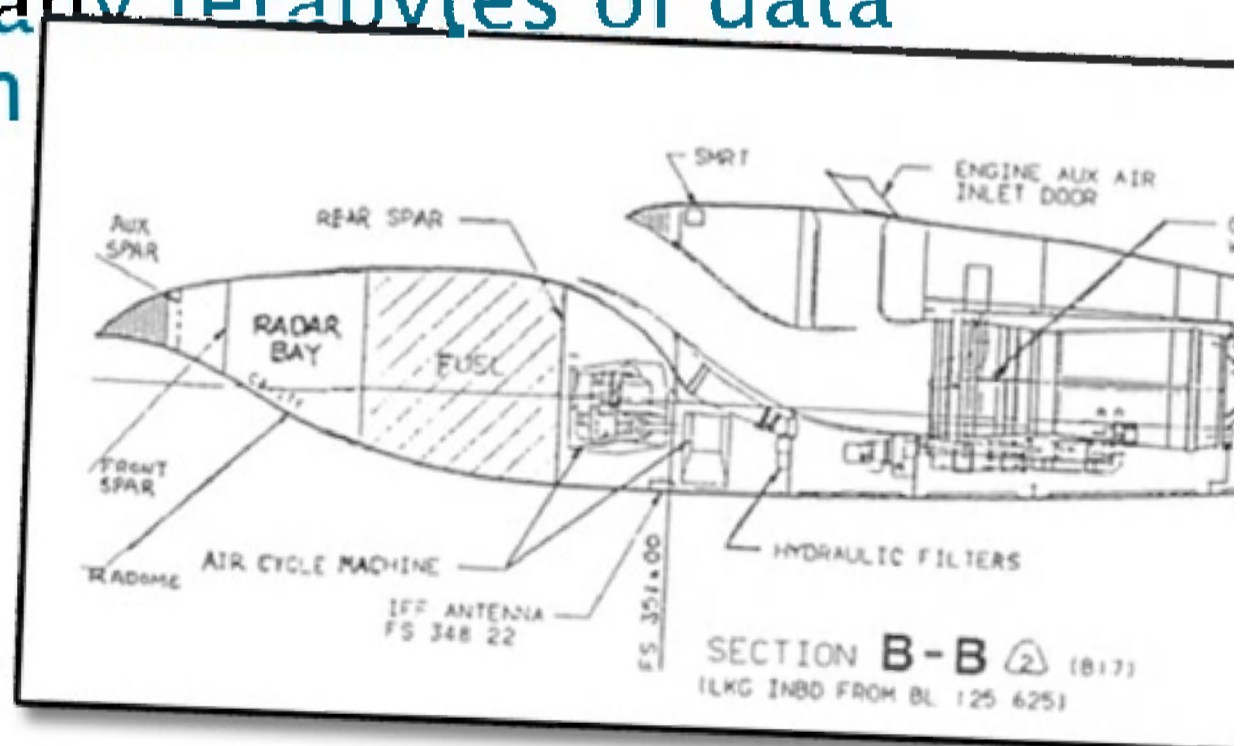


# (S//REL) Chinese Exfiltrate S Technology

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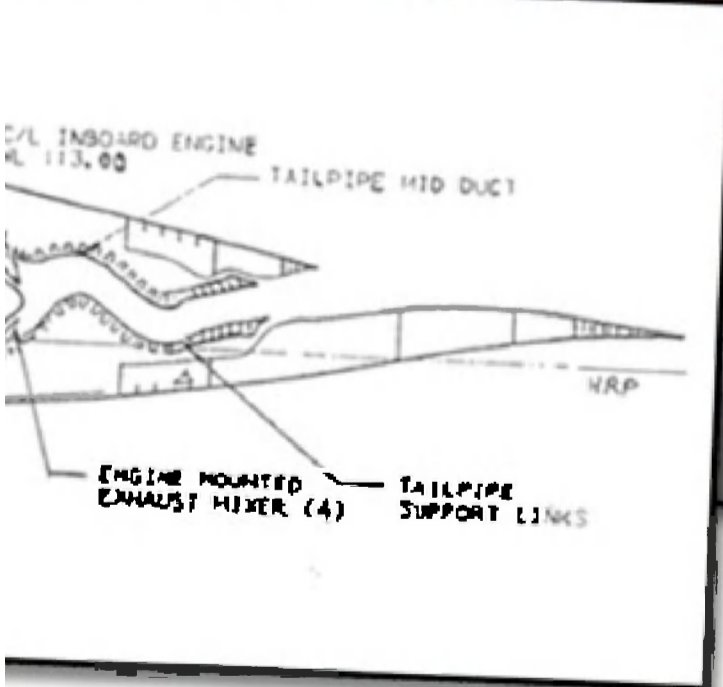
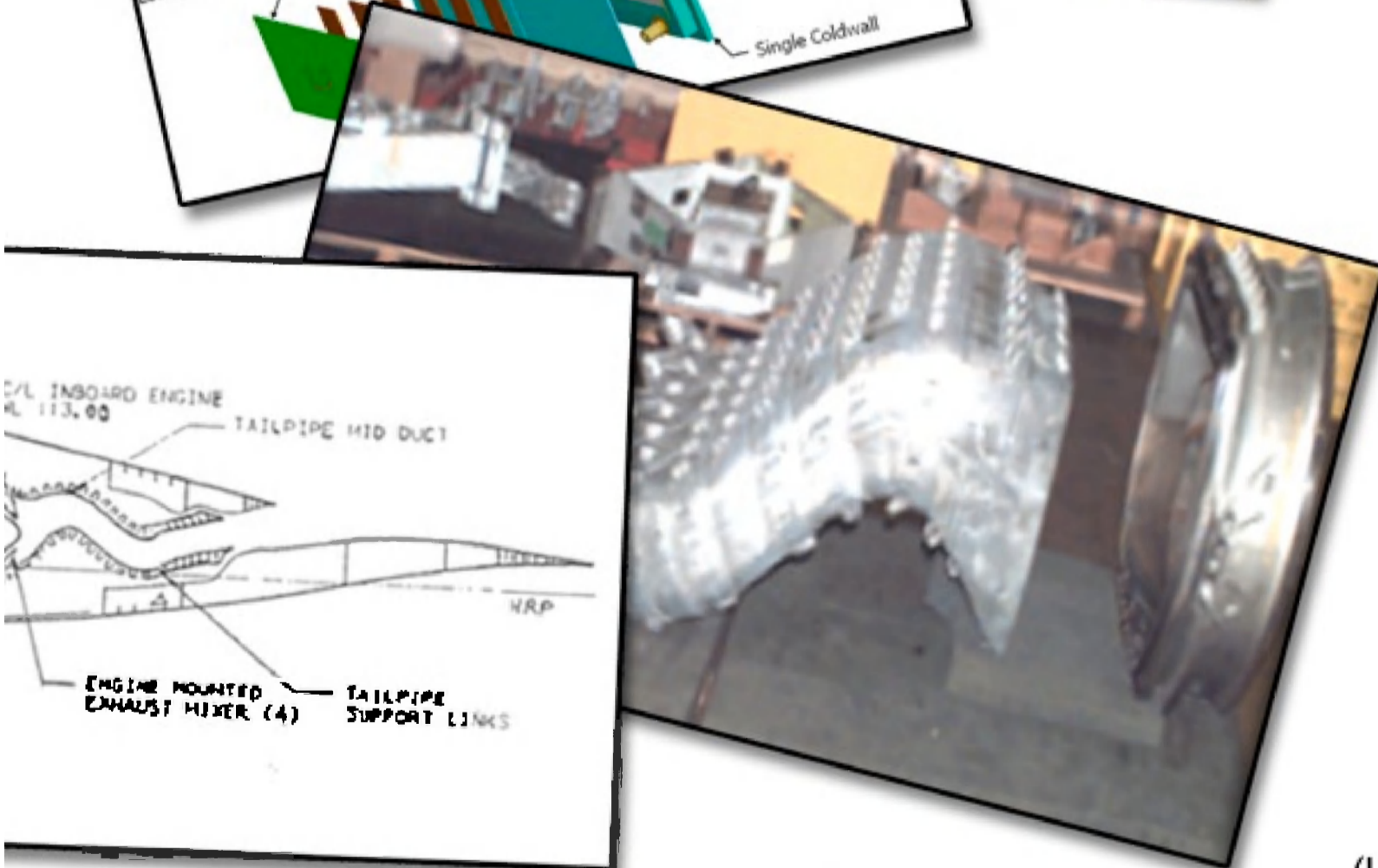
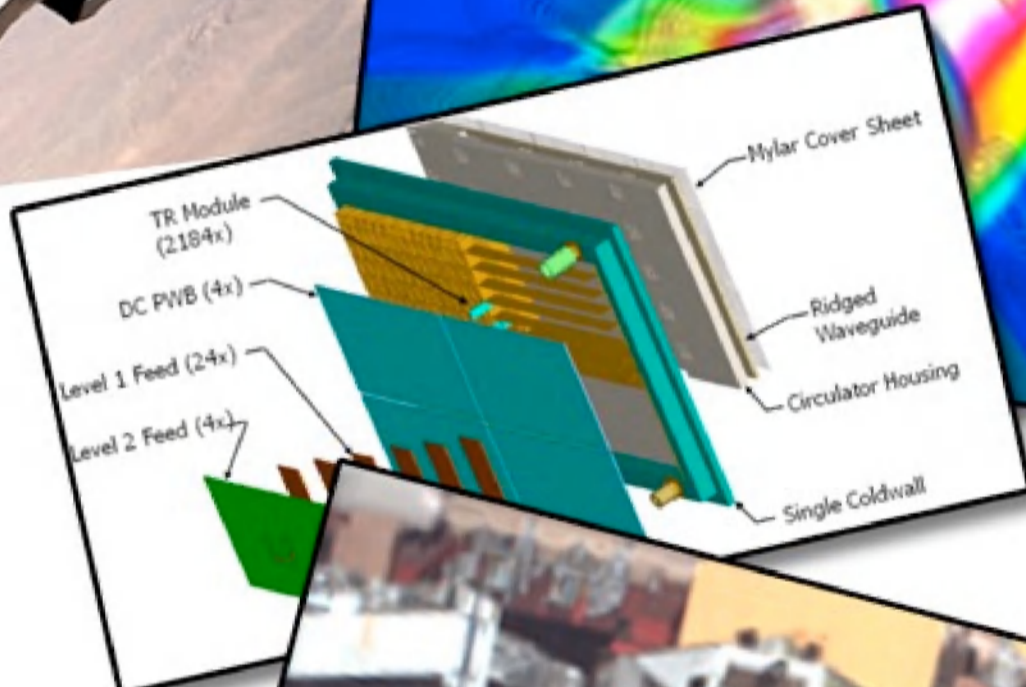
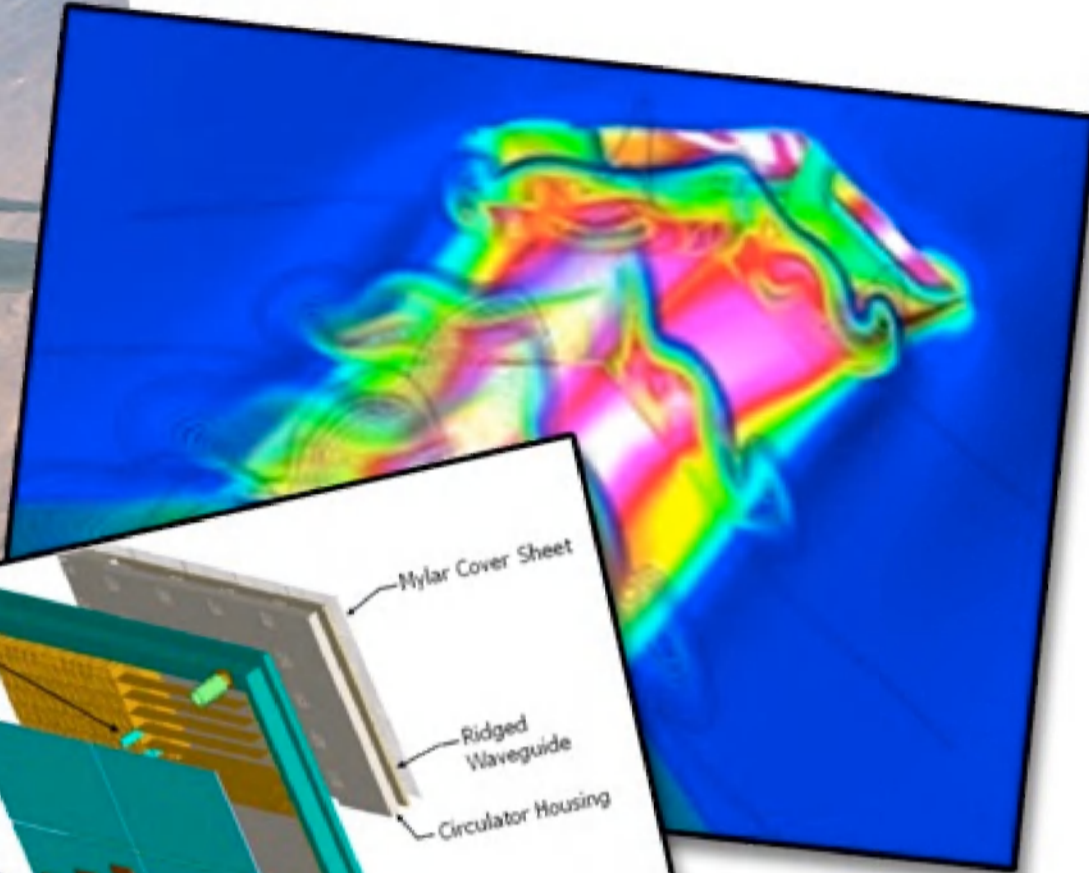
- (U) Acquired radar design
  - (U) Numbers and types of modules
- (U) Detailed engine schematics
  - (U) Methods for cooling gases
  - (U) Leading and trailing edge treatments
  - (U) Aft deck heating contour maps
- (U) Many terabytes of data stolen

(U)



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# Sensitive Military



(U)

## (S//REL) BYZANTINE HADES Causes Serious Damage to DoD Interests



(S//REL)

### (S//REL) Resources Expended Towards

### Response to Attacks

### (S//REL) Personnel, Network, Logistics Data, Compromises

- At least +30,000 Incidents/+500 Significant Intrusions in DoD Systems
- At least +1600 Network Computers Penetrated
- At least 600,00 User Accounts Compromised
- +\$100 Million to Assess Damage, Rebuild Networks

- USPACOM: Air Refueling Schedules (CORONET)
- USTRANSCOM: Single Mobility System (SMS)
- U.S. Air Force: 33,000 General/Field Grade Officer Records
- Navy: Over 300,00 User ID/Passwords Compromised
- Navy: Missile Navigation and Tracking Systems
- Navy: Nuclear Submarine/Anti-Air Missile Designs

### (S//REL) Science & Technology Export Controlled Data

- International Traffic and Arms Restrictions (ITAR) Data
- Contractor Research & Development
- Defense Industrial Espionage
  - B2, F-22, F-35, Space-Based Laser, Others

(S//REL)

**(S//REL) Estimated Equivalent of Five Libraries of Congress (50 Terabytes)**

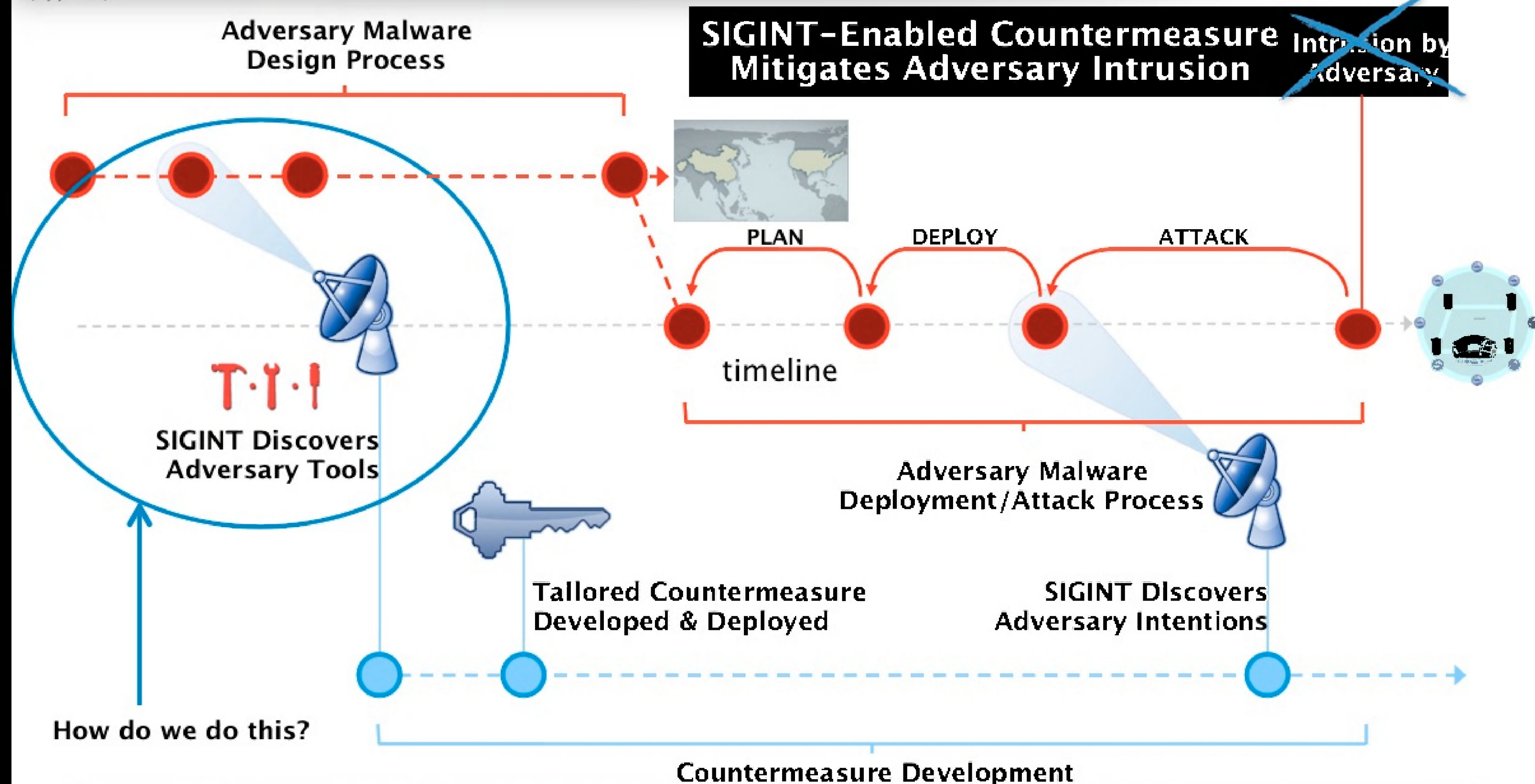


# (U) Cyber Attack and Mitigation Timelines

TOP SECRET//COMINT//REL USA, FVEY



(S//REL)



**(S//REL) How do we use SIGINT to discover Malware during the design process?**

(S//REL)