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Special Source Operations

A close-up photograph of a person's hand, wearing a dark brown leather glove, holding a bundle of optical fibers. The fibers are white and appear to be part of a larger telecommunications system. The background is a solid blue color.

*The Cryptologic Provider of
Intelligence from Global High-Capacity
Telecommunications Systems ♪*

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Today's Cable Program

Three Access Portfolios

Foreign

RAMPART-A (3rd Party)

WINDSTOP (2nd Party)

Unilateral

[REDACTED]
RAMPART-I/X

RAMPART-T (ClanSIG)

[REDACTED]
MYSTIC

Corporate

*BLARNEY - FISA
FAIRVIEW
STORMBREW
OAKSTAR
PRISM
FAA*

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UNCLASSIFIED//FOR OFFICIAL USE ONLY

Got Fiber??

WORLDWIDE UNDERSEA FIBEROPTIC ROUTES PLANNED AND IN PLACE



UNCLASSIFIED//FOR OFFICIAL USE ONLY

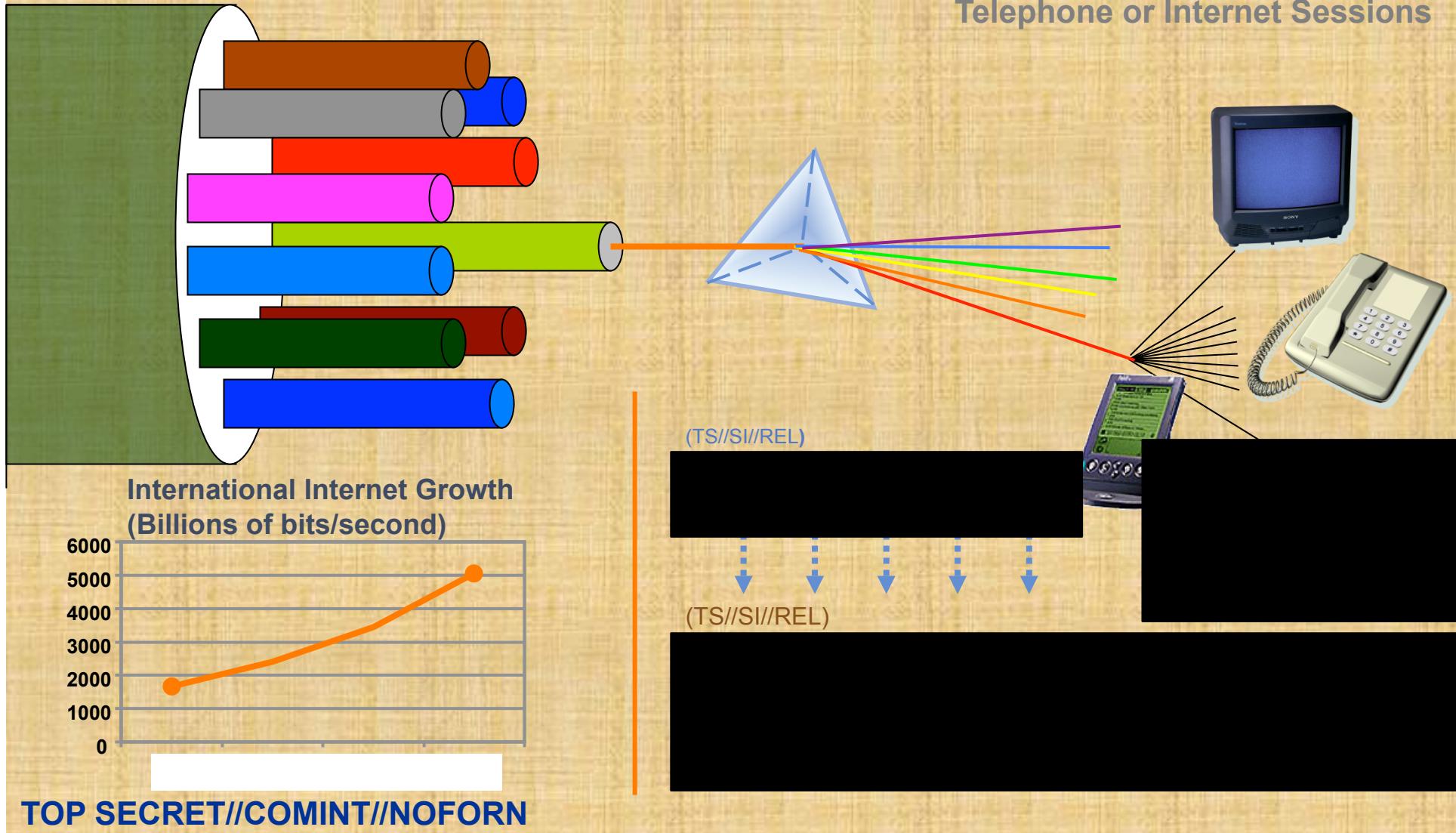


Incredible Challenges... TOP SECRET//COMINT//NOFORN

How To Find Target Communication on a Typical Fiber Optic Cable?

1 Cable \times 12 Fibers \times 64 wavelengths \times 10 B bits/Sec = **100 Million**

Simultaneous
Telephone or Internet Sessions

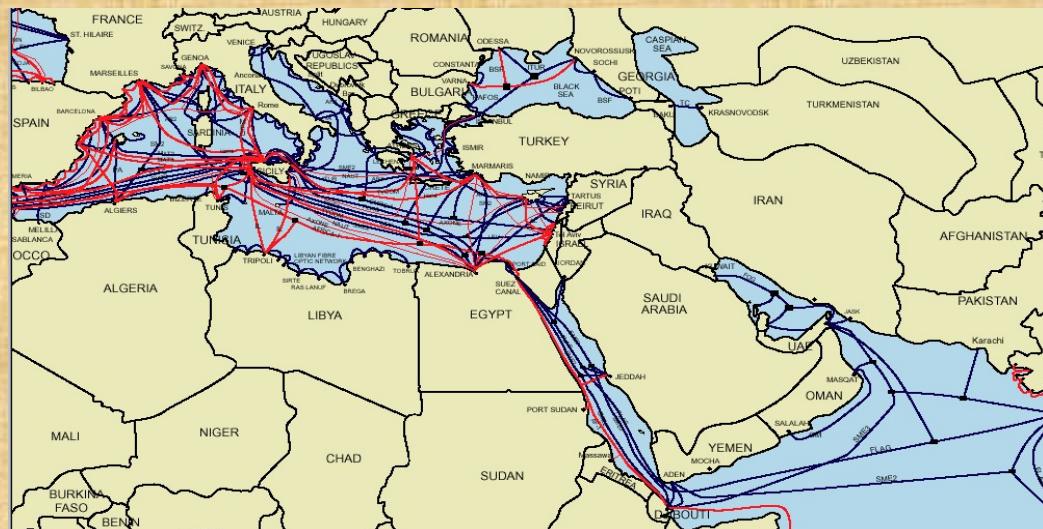




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SSO Foreign Programs

Partnering with Foreign SIGINT partners to enable access to foreign intelligence



Partnerships developed jointly with Foreign Affairs Directorate

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RAMPART A

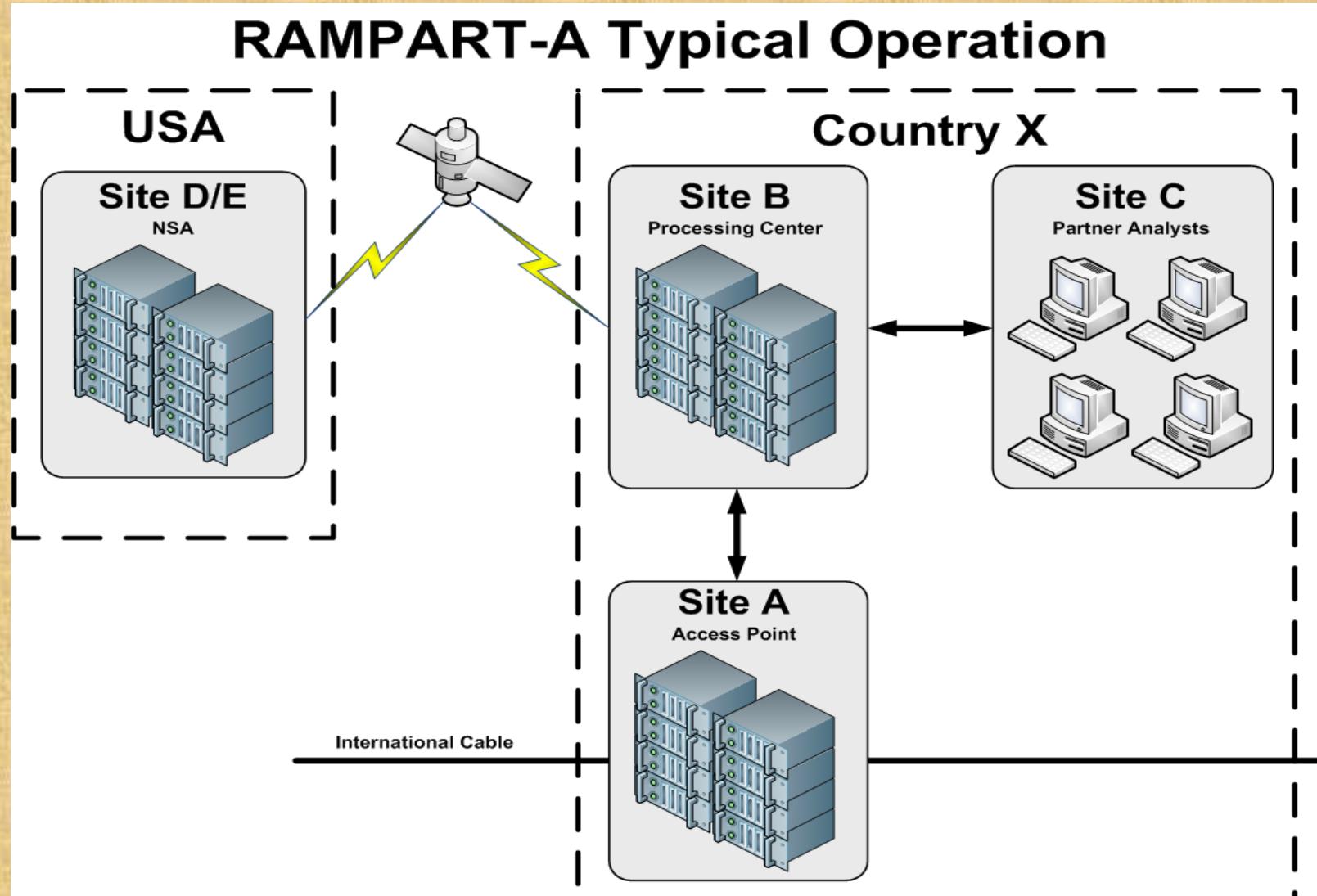
(TS//SI//NF) Unconventional special access program leveraging Third Party partnerships:

- *High-capacity international fiber transiting major congestion points around the world*
- *Foreign Partners provide access to cables and host U.S. equipment*
- *U.S. provides equipment for transport, processing and analysis*
- *No U.S. collection by Partner and No Host Country collection by U.S. – there ARE exceptions!*
- *Shared tasking and collection*



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Typical RAM-A Configuration

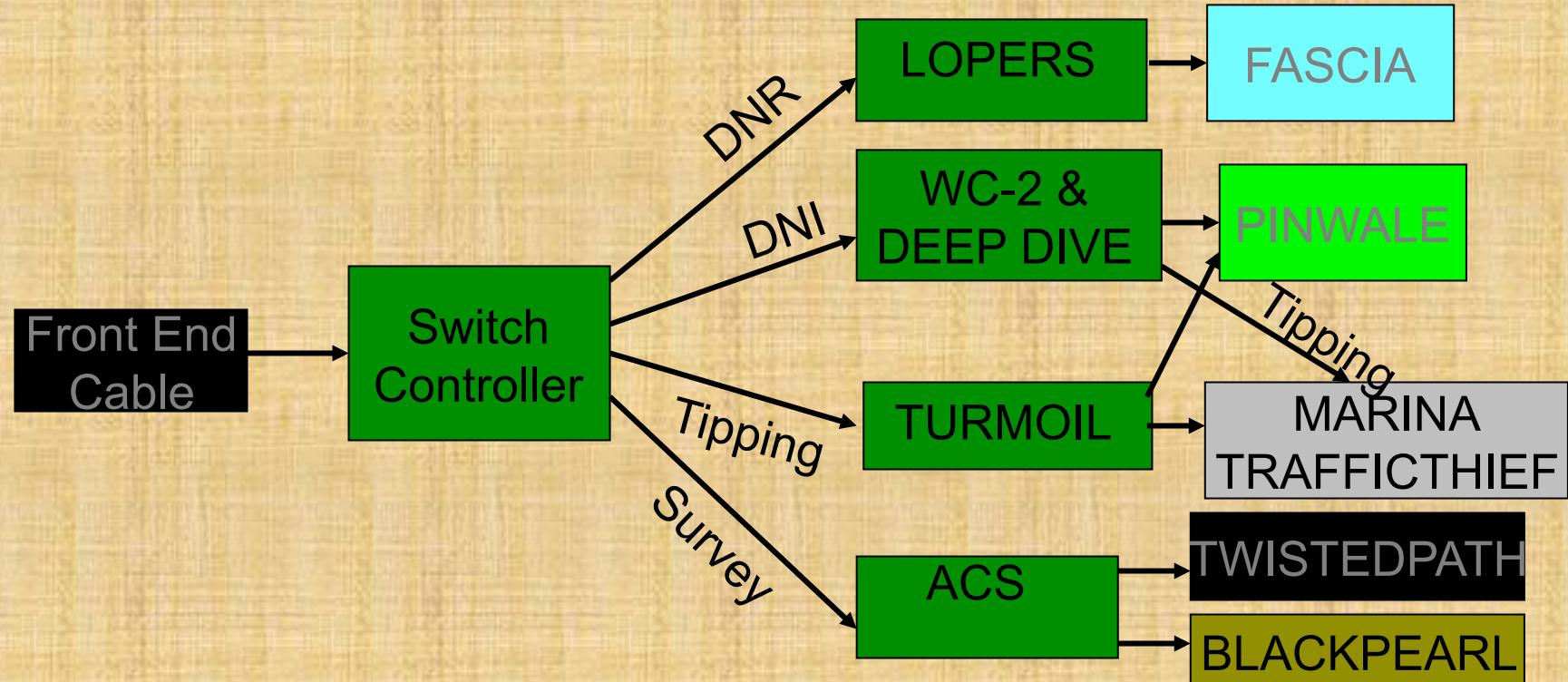


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Cable to Database



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