



TOP SECRET//COMINT//NOFORN

Special Source Operations

*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)

Corporate

BLARNEY - FISA

FAIRVIEW

STORMBREW

OAKSTAR

PRISM

FAA

Unilateral

RAMPART-I/X

RAMPART-T (ClanSIG)

MYSTIC

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Got Fiber??

WORLDWIDE UNDERSEA FIBEROPTIC ROUTES PLANNED AND IN PLACE



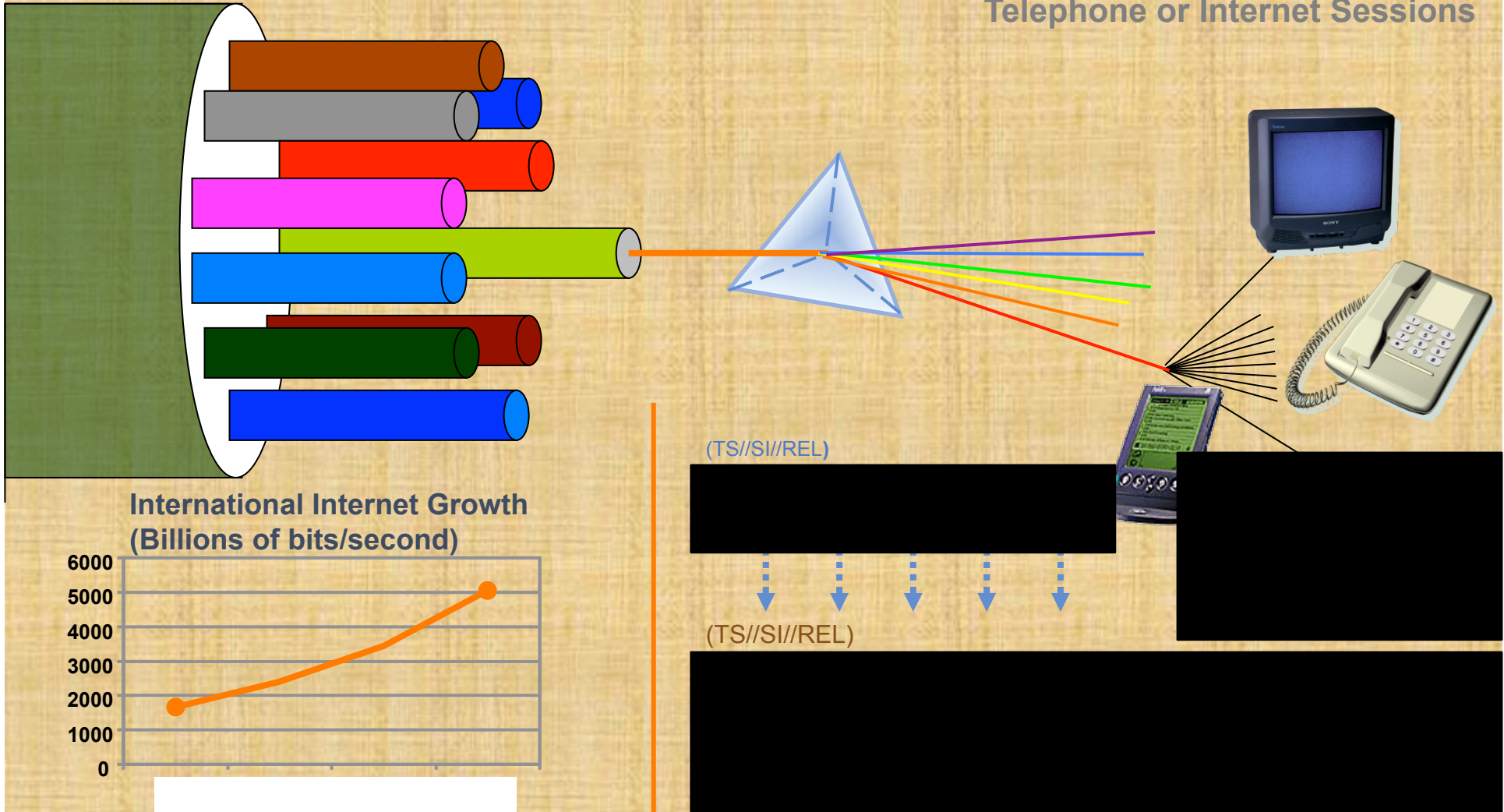
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Incredible Challenges... TOP SECRET//COMINT//NOFORN

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

1 Cable **X** 12 Fibers **X** 64 wavelengths **X** 10 B bits/Sec = **100 Million**
Simultaneous
Telephone or Internet Sessions



International Internet Growth
(Billions of bits/second)



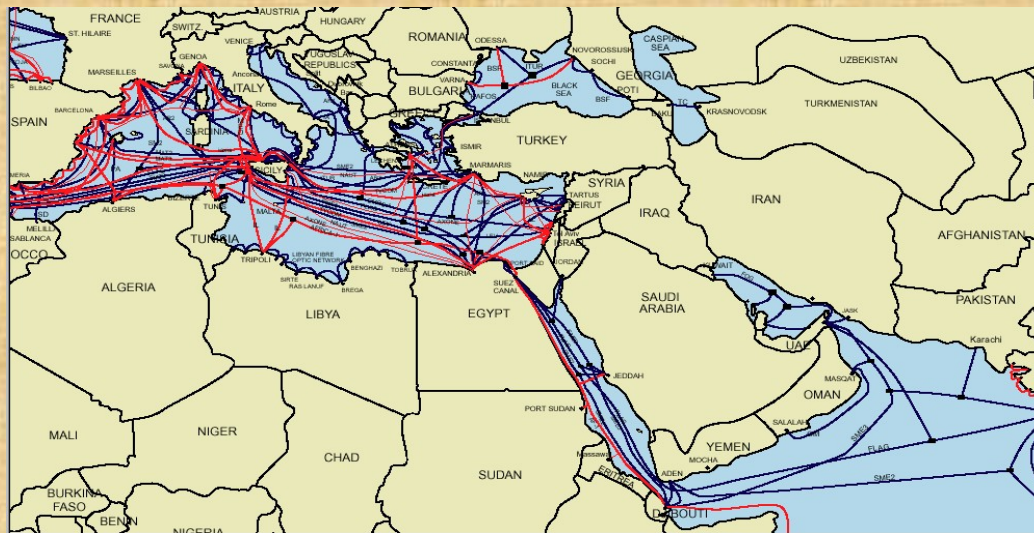
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SSO Foreign Programs

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:

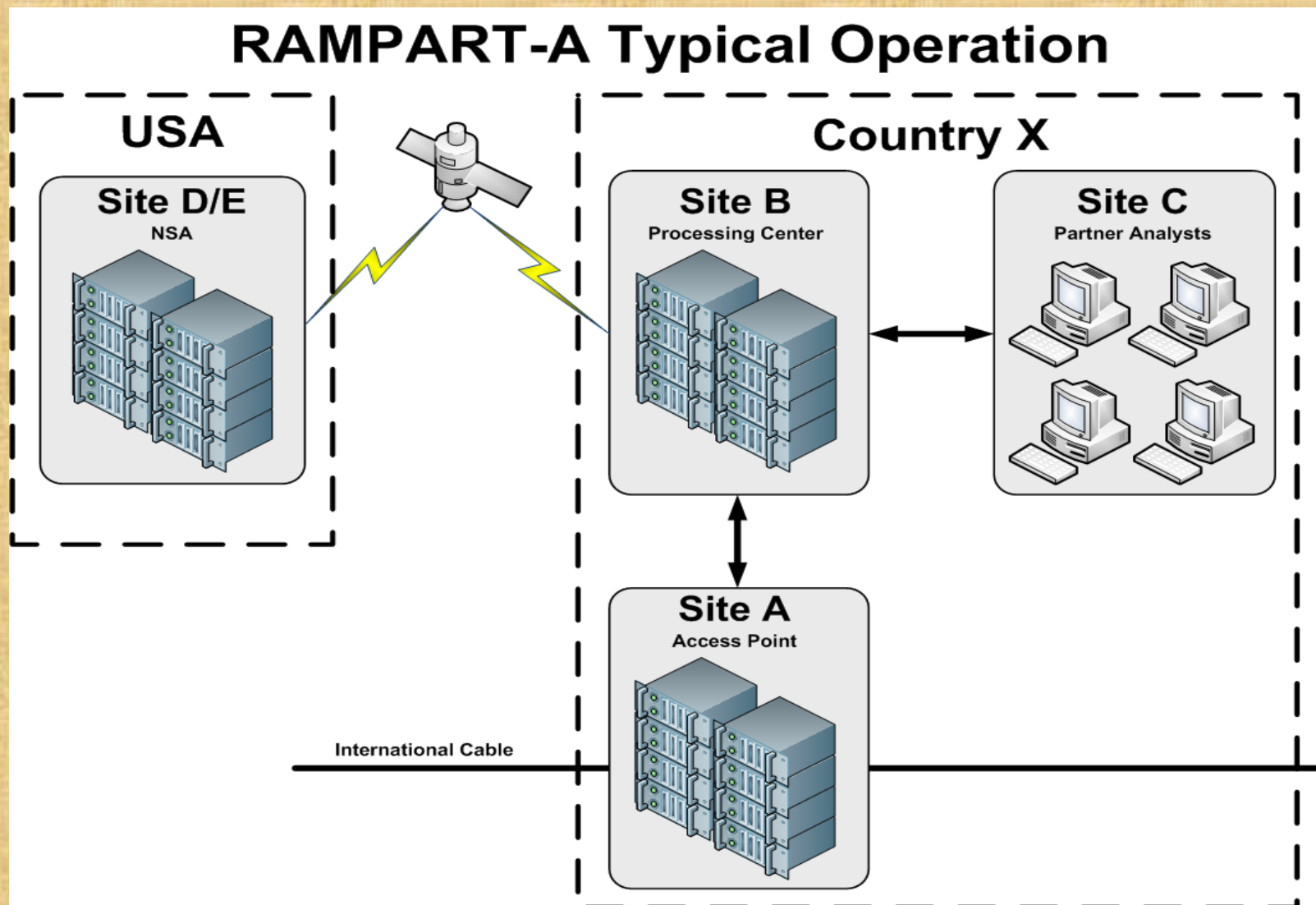
- ***High-capacity international fiber transiting major congestion points around the world***
- ***Foreign Partners provide access to cables and host U.S. equipment***
- ***U.S. provides equipment for transport, processing and analysis***
- ***No U.S. collection by Partner and No Host Country collection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

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SECRET//COMINT//REL TO USA, AUS, CAN, GBR, NZL

Typical RAM-A Configuration

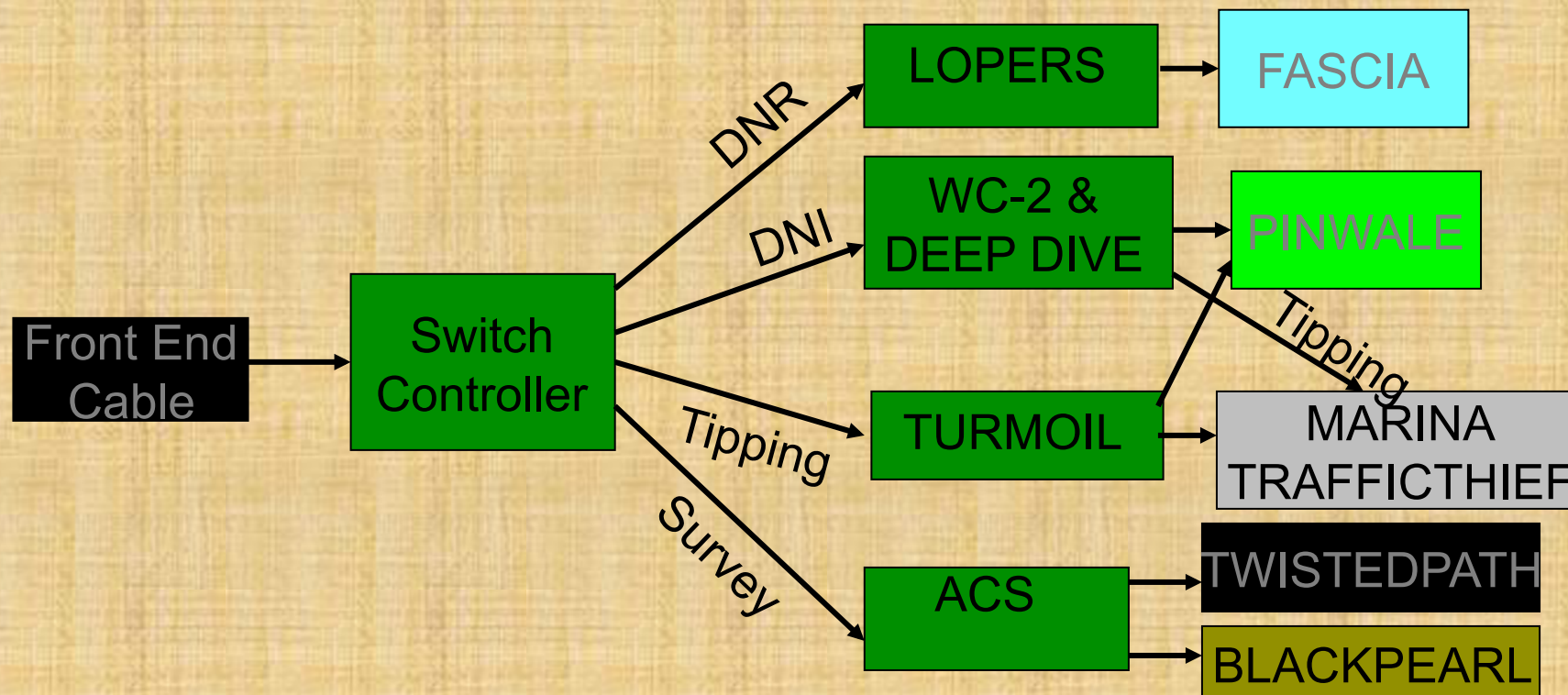


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Cable to Database



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