

TWO TOOLS FOR CYBERSECURITY: RISK ASSESSMENT AND DATA ANALYTICS

STU BRADLEY, VICE PRESIDENT, CYBERSECURITY SOLUTIONS



THE POWER TO KNOW.

THE CHALLENGE MASSIVE MALICIOUS EXPLOITATION



“there are two types of big companies in the U.S., those that have been hacked... and those who don't know they've hacked.”

—James Comey, Director of the FBI

THE CHALLENGE MALWARE-AS-A-SERVICE



COST: \$300 Billion USD

THE CHALLENGE COLLABORATIVE CRIME

CRIME, ORGANIZED

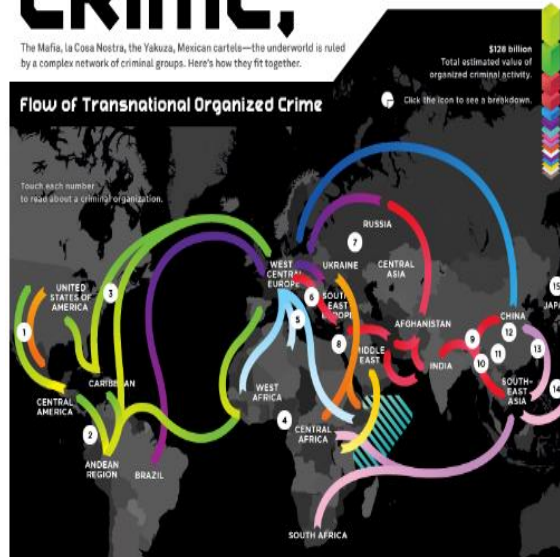
The Mafia, la Cosa Nostra, the Yakuza, Mexican cartels—the underworld is ruled by a complex network of criminal groups. Here's how they fit together.

\$128 billion
Total estimated value of organized criminal activity.

Flow of Transnational Organized Crime

Click the icon to see a breakdown.

Touch each number to read about a criminal organization.



SLAs & Non-Competes

THE CHALLENGE WORLD WITHOUT GOVERNANCE



...Conventions, Policies, Agreements, Treaties...

THE CHALLENGE NETWORK UNKNOWN



Depth & Scope

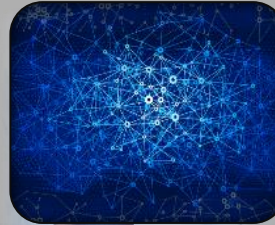
ADDRESSING THE OPERATIONAL CHALLENGES



Detection
Avoidance



Limits of
Signatures &
Rules



Economics
of Data
Scale



Analyst
Fatigue

THE CYBER ECOSYSTEM

IDENTIFY – PROTECT – DETECT – RESPOND – RECOVER

Protect & Detect

Firewalls & Intrusion Protection



Identity Management



Data Loss Prevention



Web & Email Gateways



Vulnerability Scanning



Endpoint Detection



Malware Sandboxing



Threat Hunting



Respond



10,000 Alerts Daily

250 Reviewed by Analysts

30 Fully Investigated



Value of
Results

