

The State of Network Security

- Current growth in the internet and global economy includes an **unknowable maze of 'Autonomous Systems'**
- The few publicly funded agencies tasked to understand “the internet” have concluded that there is:
“little situational awareness regarding global dynamics and operational threats.”
- Global crime experts have concluded that:
“organized crime now accounts for 15% of the global economy” . Despite the “great recession”, GDP from “organized crime” is one of the few global sectors of the economy increasing in size.
- The **“Secure Supply Chain Problem”** of software and systems development is just now beginning to receive serious attention.
- Current nation-state and geo-political conflicts have resulted in the weaponization of the cyber skills of nations, organized crime, and allied assets.

What does this mean for my company?

- Your company's internet presence backs you up against the economic force of every geo-political entity in our conflicted world. It is now irrelevant to ask: “Why would someone want to break in here?” Your resources are reason enough.
- Organized crime and nation-states are interested in our economy activity, our profits, our identities, our profiles, our resources.
- “Botnets” are large collections of computer resources used for many different reasons : cyber-warfare, intelligence gathering, money-laundering, spam, etc.
- The era of the “ego hacker” has ended. Hackers now consist of loosely grouped organizations servicing a vertically and horizontally integrated supply chain across the globe that includes organized crime, nation-state intelligence agencies/assets and the terrorist economy.
- The web is essential for global profit. It is also the quintessential tool of criminal activity.

How do I protect my company?

- Perform a detailed security analysis of your network
- Implement appropriate security
- Monitor your network
- Regularly assess the market value of the implementation of various levels of security to your company

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