



SideChannel & Insurance

Cyber Risk Engineering – Digital Asset Supply Chain

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Cyber Risk Threats – Digital Asset Supply Chain



Hardware
Software
Network
Servers
IoT Devices

Applications
Hosting
Infrastructure

Code & Application
Hosting
Infrastructure

Code & Application

Threats

- Commodity Exploits
- Nation State Actors
- Ransomware
- DDoS
- Identify Fraud
- Business Email Compromise (BEC)

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Cyber Risk Threats Explained



Commodity Exploits – Commercially available software vulnerabilities, malware and "exploits" that are used to get remote access to both stored information and information generated in real time.

Code Corruption – General term for attack types which consist of injecting code that is then interpreted/executed by the application.

Nation State Actors - Motivated by nationalism, and tasked with gaining secrets from or disrupting other nations via cyber means.

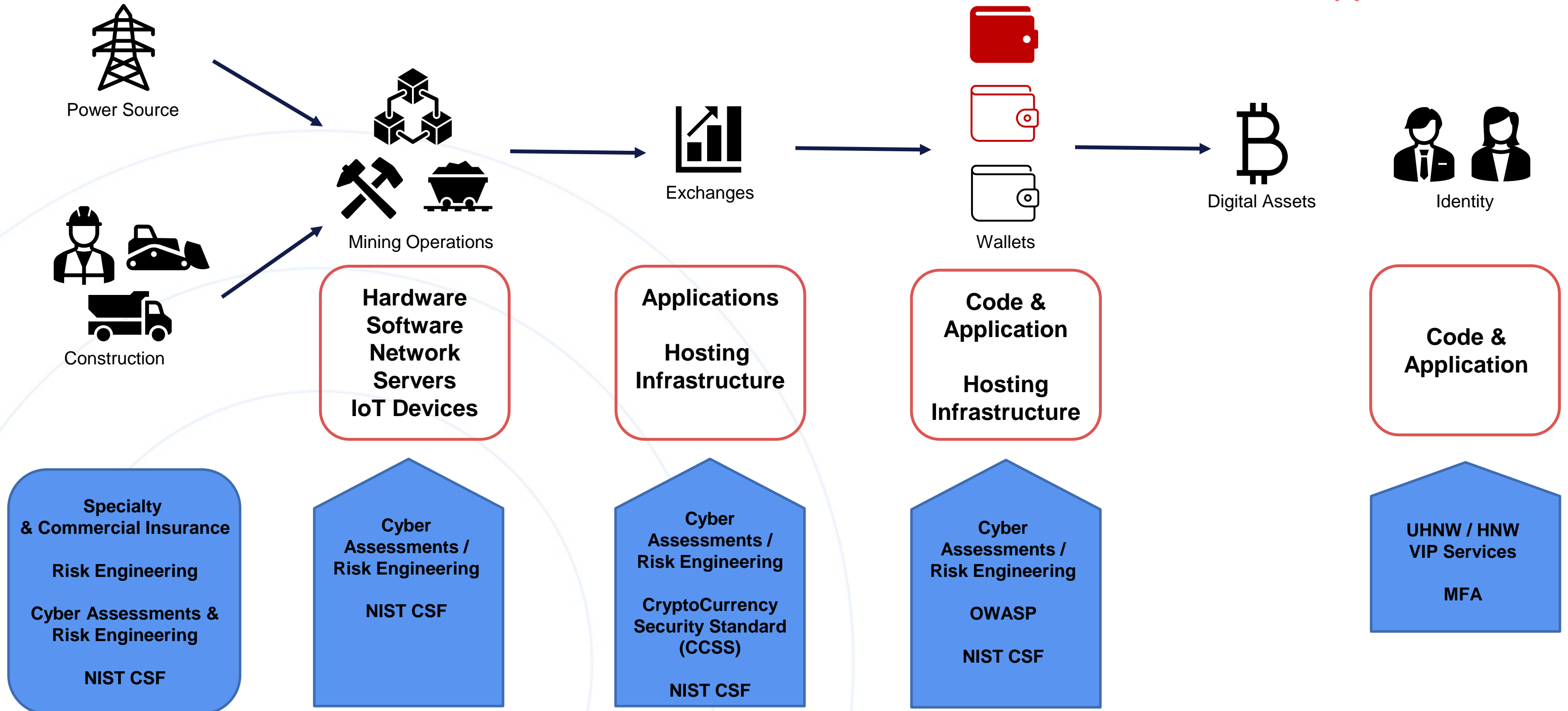
Ransomware - An ever-evolving form of malware designed to encrypt files on a device, rendering any files and the systems that rely on them unusable.

DDoS - A malicious attempt to disrupt the normal traffic of a targeted server, service or network by overwhelming the target or its surrounding infrastructure with a flood of Internet traffic.

Identify Fraud - A situation in which someone uses your identity without your permission, typically to commit fraud for financial gain.

Business Email Compromise (BEC) - Criminals send an email message that appears to come from a known source making a legitimate request.

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SideChannel & Insurance

Risk Assessments

Combination of SideChannel experts, RealCISO platform, & broker's focused expertise

- Reduce risk to insured
- Increase value add to insured by brokers
- Reduce exposure to brokers and carriers



- SideChannel acts as risk engineering team for broker on potential and current insured
- Apply recognized standards (NIST CSF, CCSS, OWASP) as assessment criteria to each component in supply chain
- Produce insightful and cost-effective risk reports to brokers and underwriters