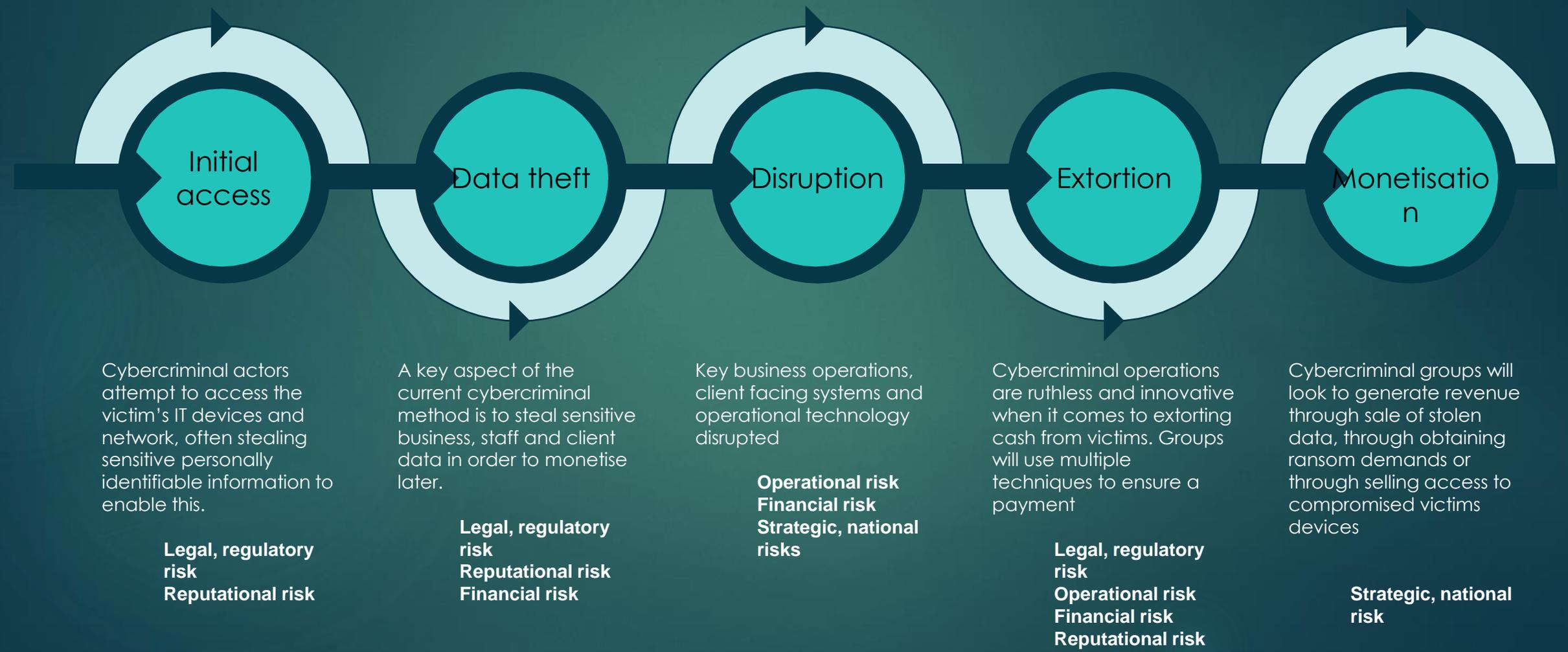


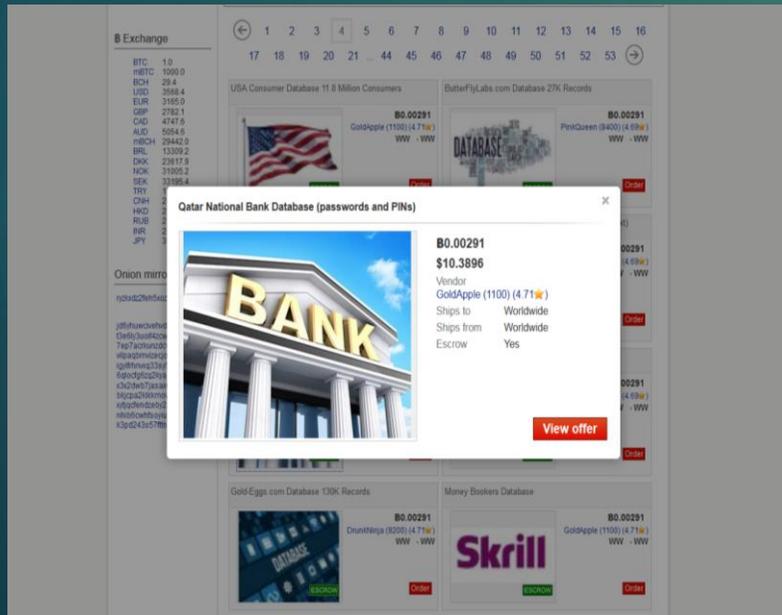
Risks relating to an example cybercriminal incident



The Cybercrime Economy

Raw materials : =

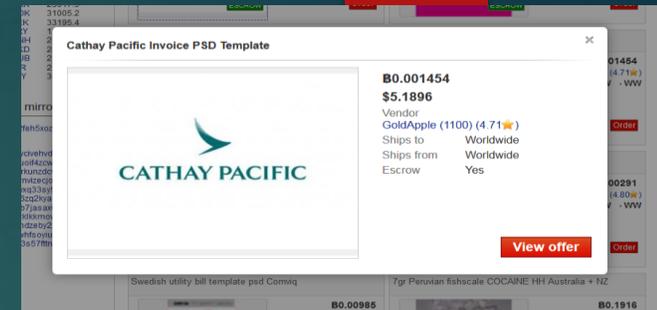
DATA = everything from company databases to loyalty points to 'likes'



The Cybercrime Economy

Multiple modes of revenue generation :

- Data theft & Data trading
- Hire & sale of cybercrime tools
- Sales of counterfeit goods, prescription pharmaceuticals
- Skills and consultancy
- Currency theft
- Trade in IP and company secrets
- Extortion
- etc etc



The Cybercrime Economy

A 'universal' currency

- Digital payment systems
- P2P banking
- \$2.8bn laundered over bitcoin exchanges in 2019
- Almost double the previous year



The Cybercrime Economy

Dedicated marketplaces

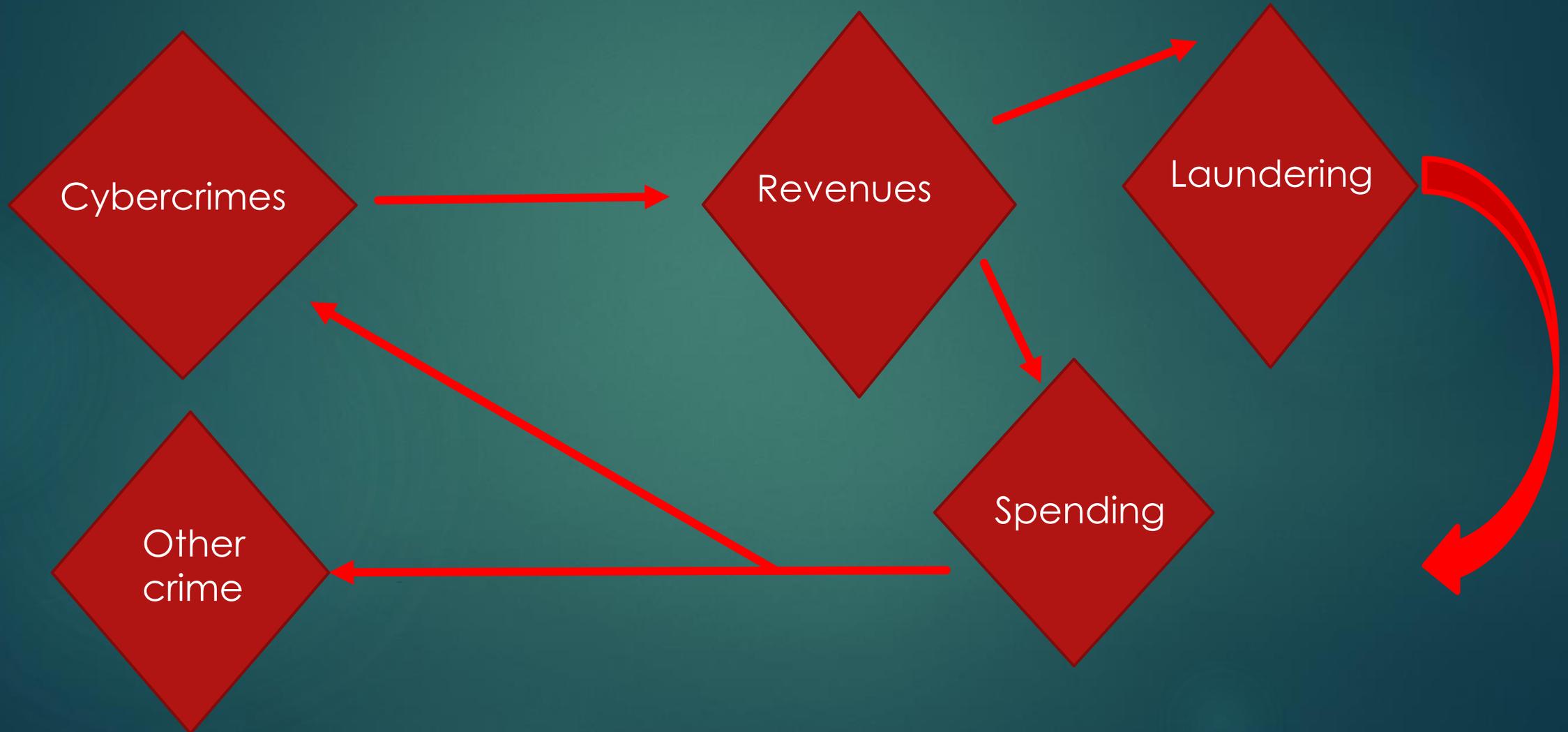


Production & supply centres



Râmnicu Vâlcea

A Cybercrime Economy



Cybercrime Economy - Scope and Scale



\$1.5 trillion in revenues annually - at minimum

- ▶ Larger than combined revenues of top 3 Fortune 500 companies
- ▶ Larger than GDP of many nation states (e.g. Saudi Arabia . 75tn)

(I) : Economy - Scope and Scale

Illicit/illegal online markets	\$860bn per annum
Trade Secret/IP theft	\$500bn per annum
Data Trading	\$160bn per annum
Crimeware/CaaS	\$1.6bn per annum
Ransomware	\$350m -1bn per annum

Understand your threat and risk environment to build a proactive security posture against the constantly evolving threat picture

