



“Big Data—No Problem

**Big Analytics in a Secure Environment—
Problem – UAV Impacts”**

GEO BUIZ Summit

UAVs: Technology, Applications and Policies

April 27th, 2016

www.globalinsights.com

Quick reminder as to what constitutes HPC...

- **Numerical Intensive:**



- **Data Intensive:**



- **Graphics Intensive:**



- **Modeling, Simulation & Analytics:**

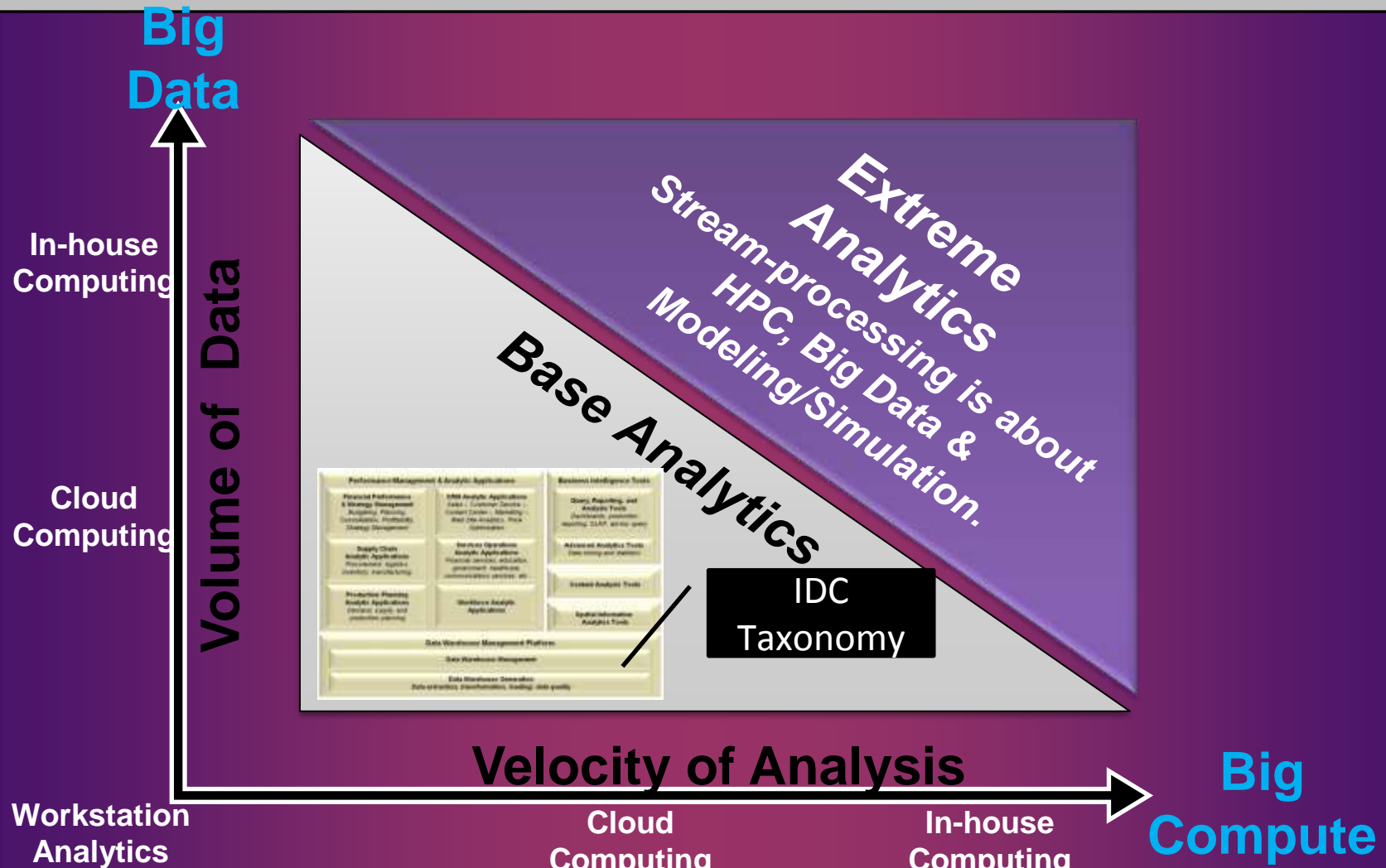


- **Collaborative Decision Support:**



Do this all in (near) Real-Time.

Mapping to the HPC Cloud



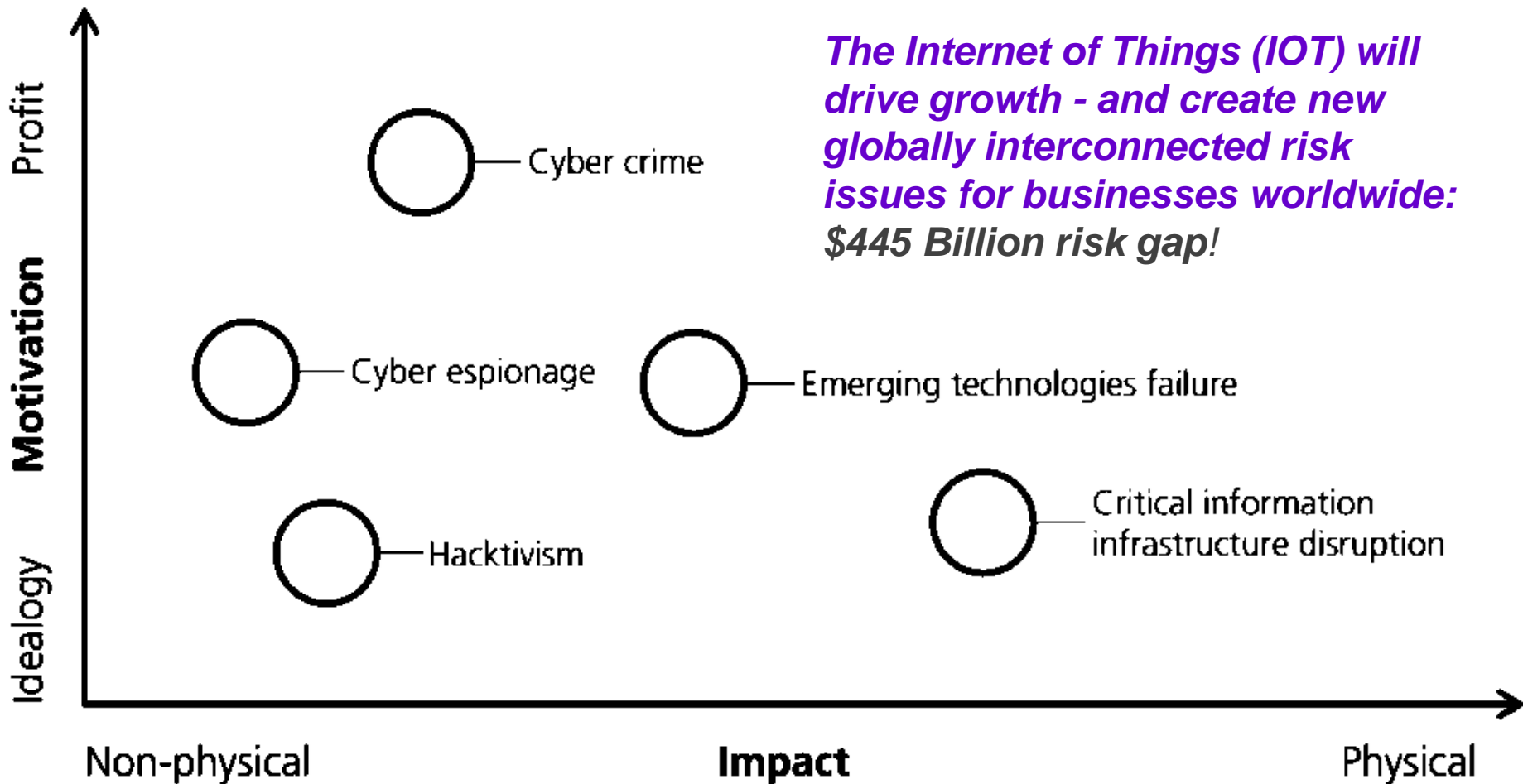
CYBER THREAT LANDSCAPE

“We have entered the era of the *Cyber Arms Race*”



Focus is increasingly shifting
from defense to resilience.”

Cyber Risk Landscape by Motivation & Impact



Quick Overview of the Cyber Threat Landscape

The Security Triad, known as
CIA consist of

- Confidentiality
 - Integrity
- Availability

ADDRESSING THE CHALLENGES

A Solution: MORE Opportunity™

(Maximizing and Optimizing Research and Educational Opportunity)

Agility

(The “New Capability”)

Wide Scalability

Manage Policy &
Apply new
business model
with active,
working
Public-Private
Partnerships

Affordability

Focus on Underserved

MORE Opportunity™

- Give underserved groups access to the HPC Cloud & Model as a Service
- Team with more institutions, tribal groups, labs, businesses & communities in R&D
- Solve real-world problems building technical skills to secure the ***Workforce of the Future.***



Thank You

Geospatial Business Intelligence Experts™

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