

Clearing the Hurdles to Realize the Value of Threat Intelligence

OASIS Borderless Cyber
September 8, 2016

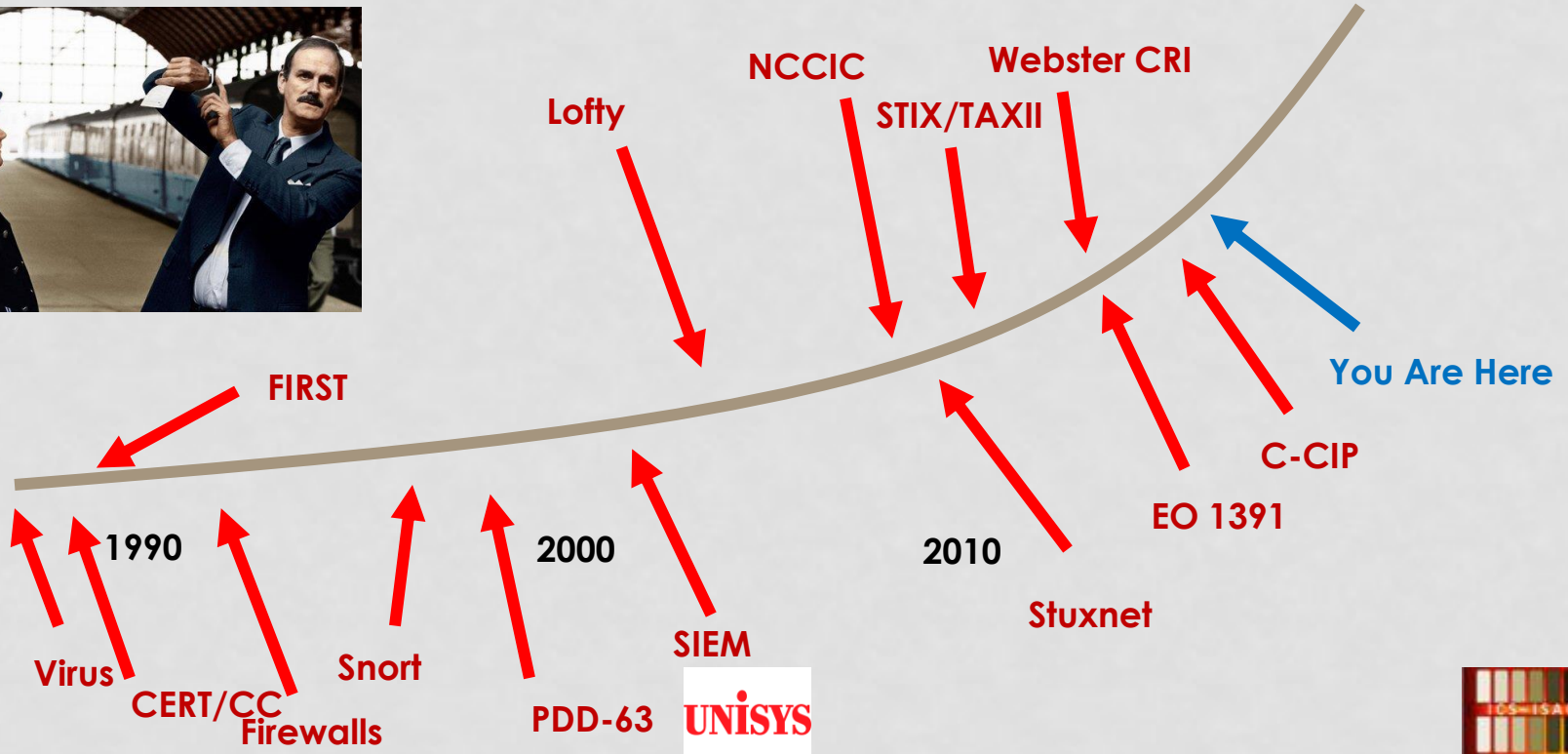


CYBERSPACE RESEARCH INSTITUTE

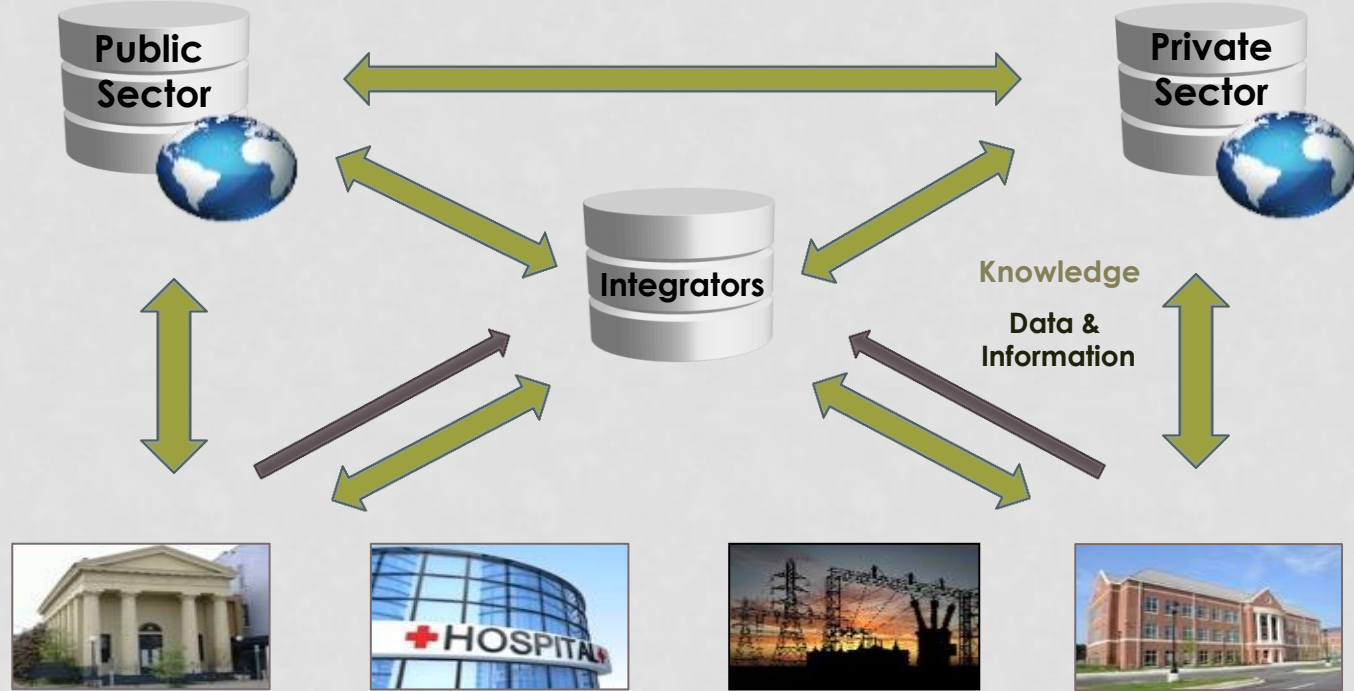
UNISYS



When Are We?



The Internet of Intelligence



What Do We Need?



What Is Intelligence?

- Who You Are
- What You Have
- What It Is Doing
- What is Happening Outside

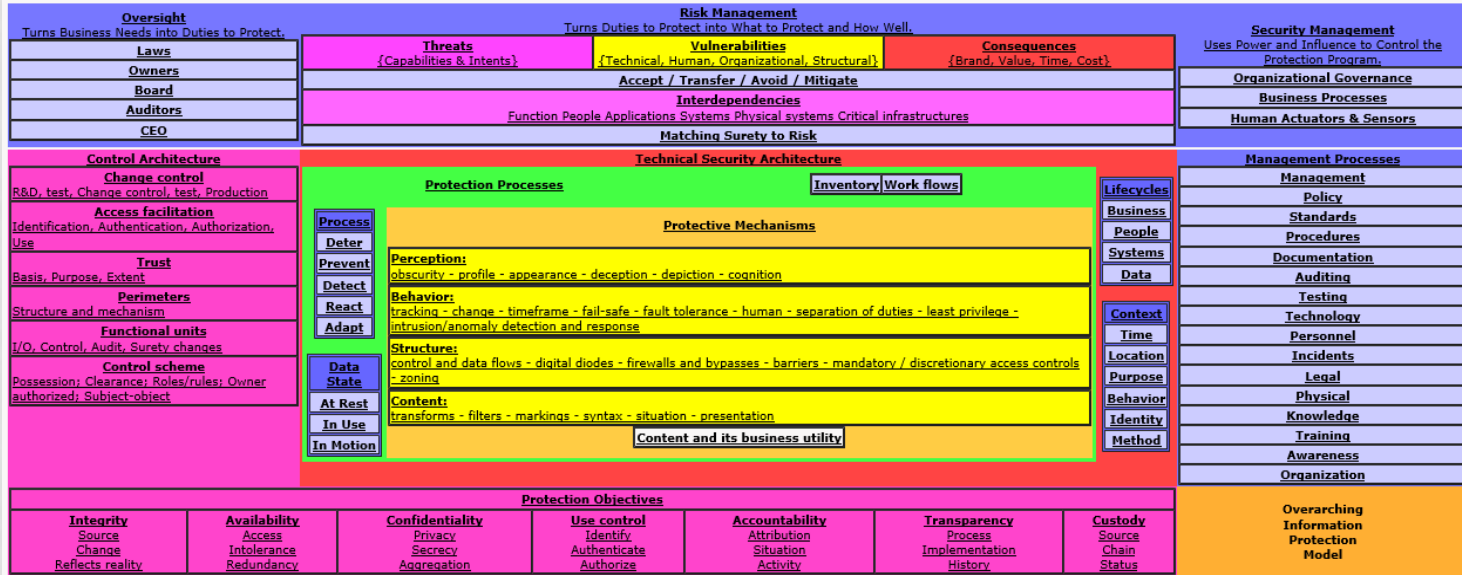


Consequence Based Decisions

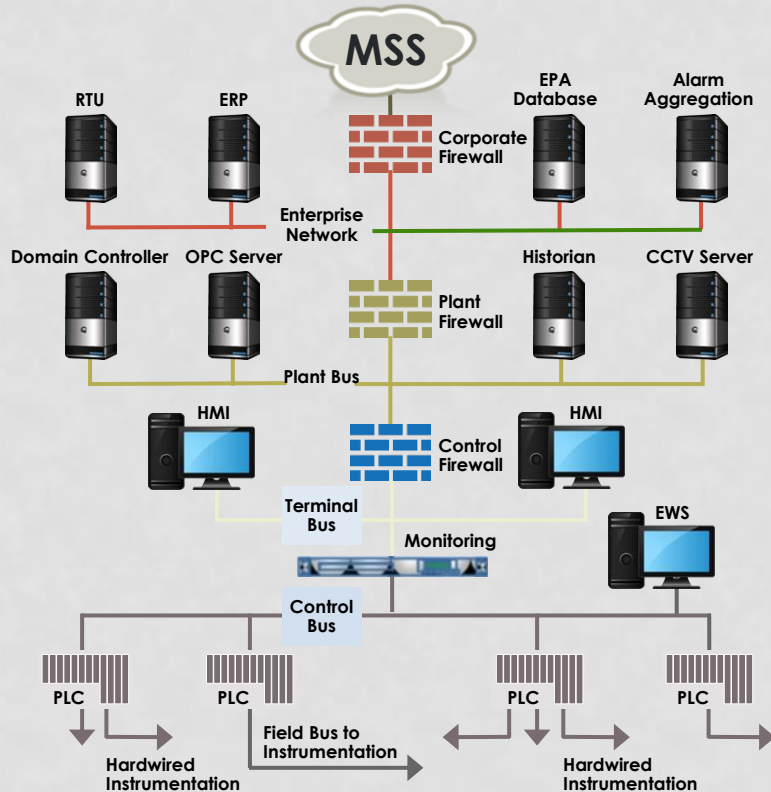
Type	Promises
Size	Constraints
Purpose	Locations
Functions	Maturity

People	How does the business work?						Things
Sales	Process	Resource	Supply	AR/AP	Infrastructure	Cost	
Market	Workflow	Transform	Inventory	Collections	Services	Shrinkage	
Brand	Results	Value	Transport	Write-offs	Users	Collapse	

Content	Outsource
Failures	Modeling
Structure	Dependency
Mobility	Scope

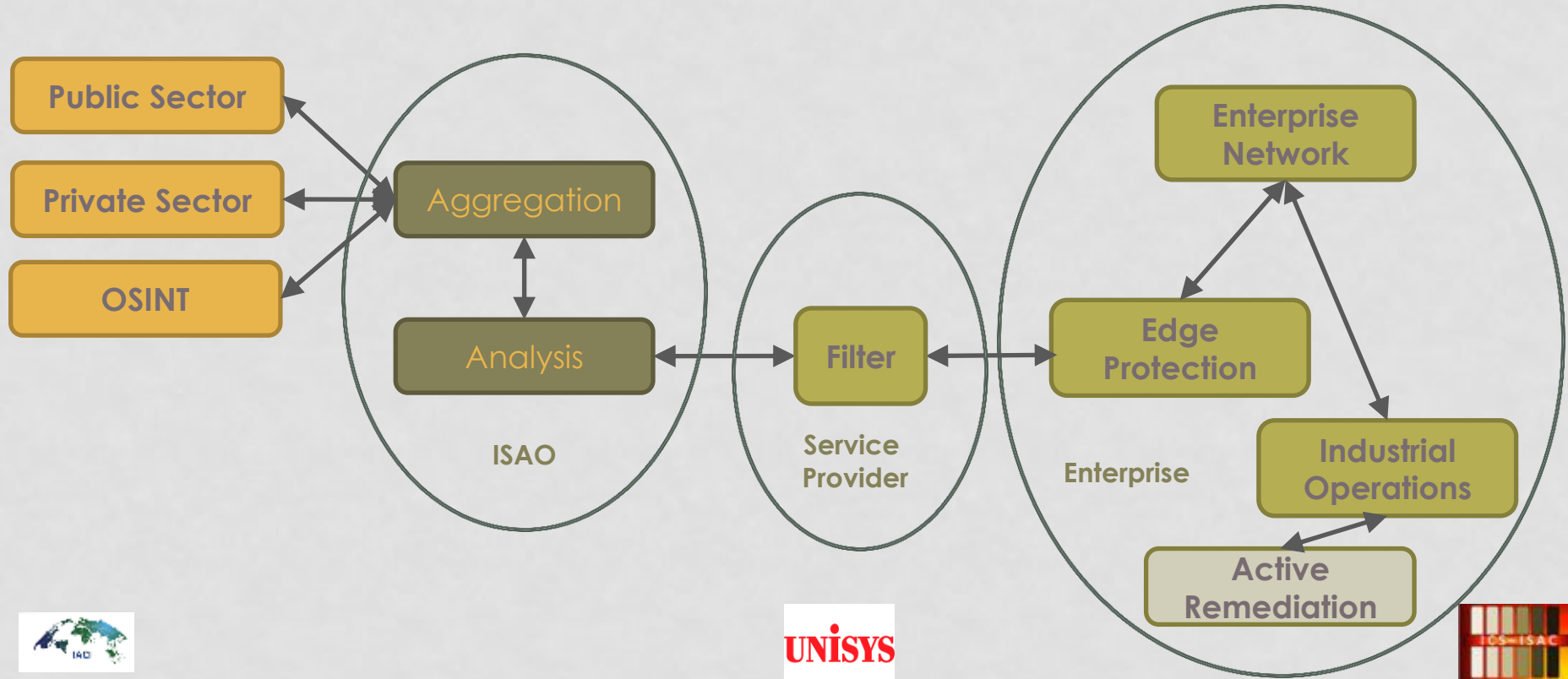


MOVING INTELLIGENCE INTO INFRASTRUCTURE

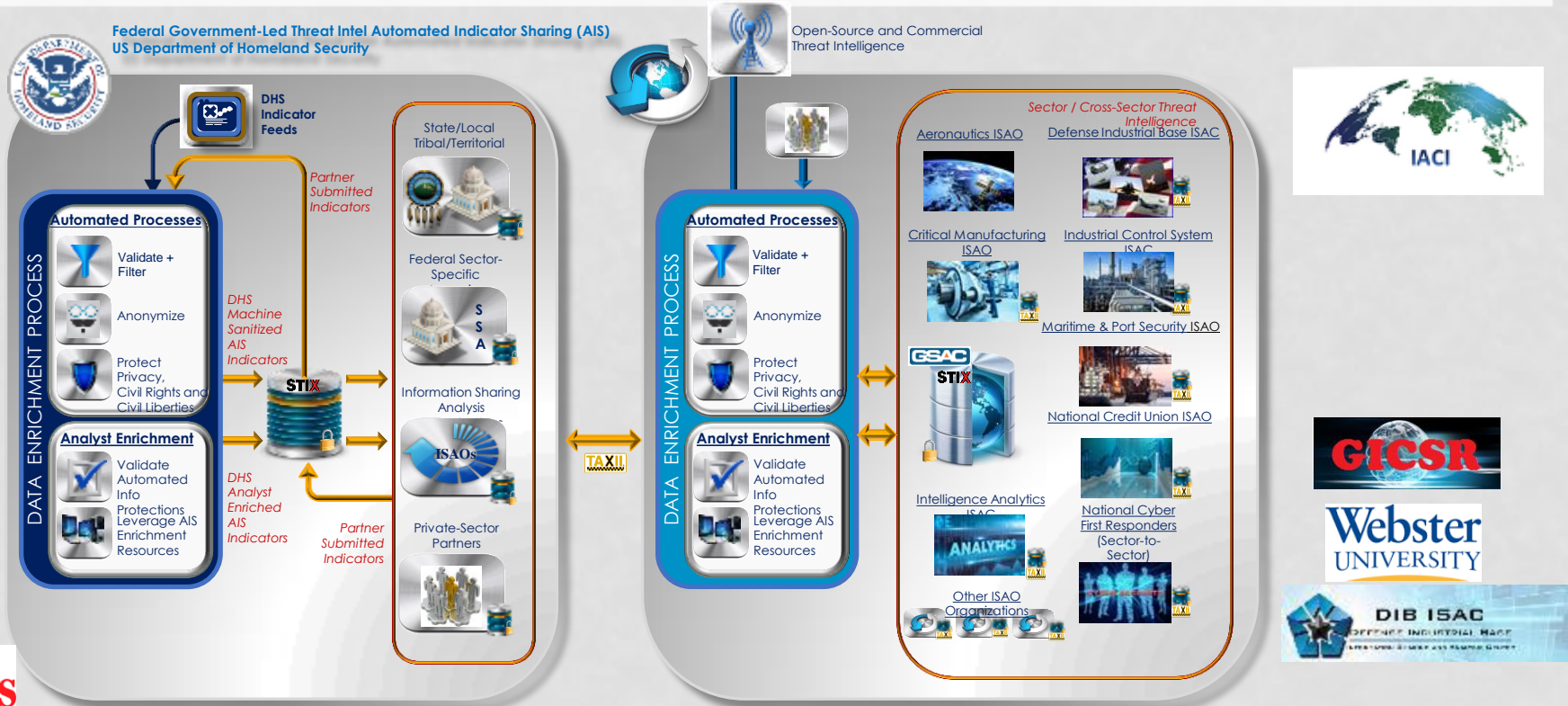


- Identify inventory of architecture
- Baseline network behavior
- Monitor for behavior modification
- Combine with filtered Intelligence

End-to-End Intelligence



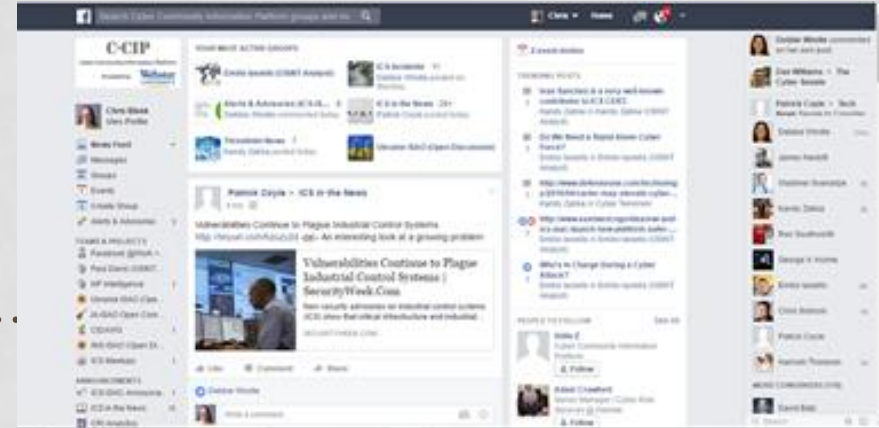
Sharing Among Sharers: IACI



Evolving Human Sharing

Human Sharing Portals

- C-CIP
 - Global Population
 - Interpol, JPCERT, US-CERT...
 - Siemens, Cisco, GE...
 - Utilities, Manufacturers, Enterprises...



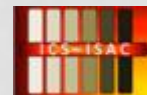
Beer ISAC

- Human Contact is Forever



Looking Forward

- Sharing Nodes Proliferate
 - Regionally, globally, nationally, demographically
- Insurance Industry plays its role
 - Actuarial processes
- Industry Aligns with Visibility
 - Vendors, Service Providers, Enterprises, Governments
- Merging Business and Technology
 - Situational Awareness is not about Cyber





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