

Concept

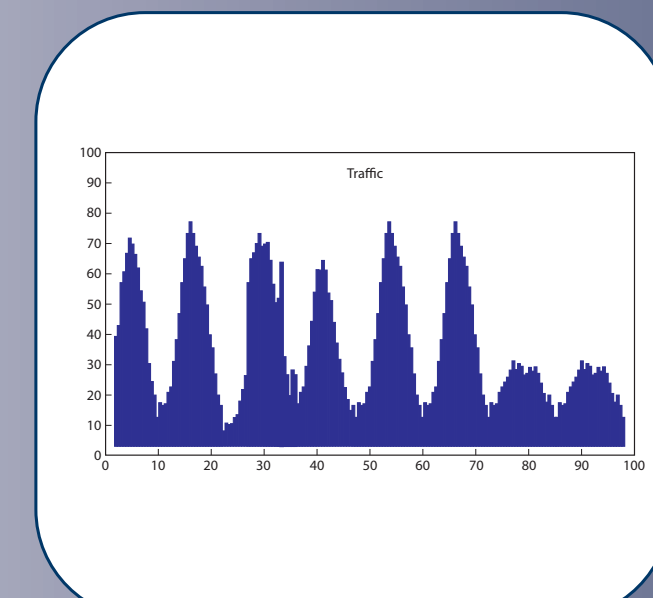
- An open Cyber situational awareness (SA) architecture enables rapid integration of sensor data and accelerates development of analytics
- Lincoln Lab is developing a novel Cyber SA system to evaluate data collection, analysis and visualization techniques and improve the lab's network security.

Lincoln Laboratory
Network

Data Feeds



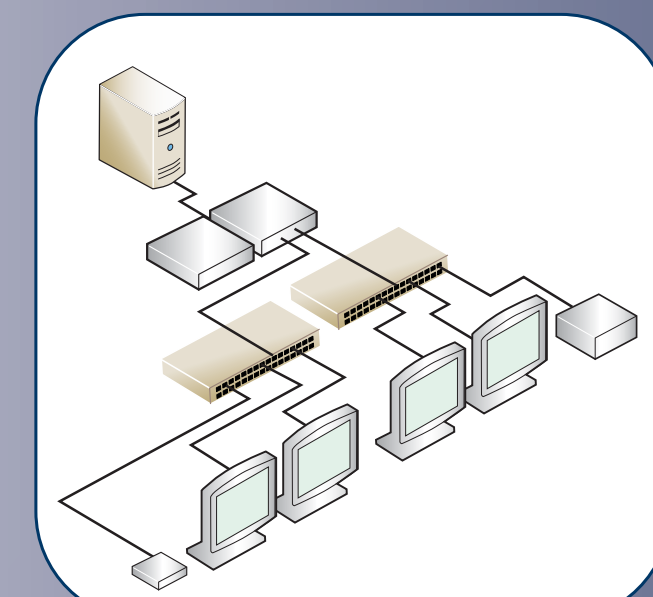
Server Logs



Traffic
Capture



AV, HIPS &
Vulnerability Scans



Infrastructure
Configurations



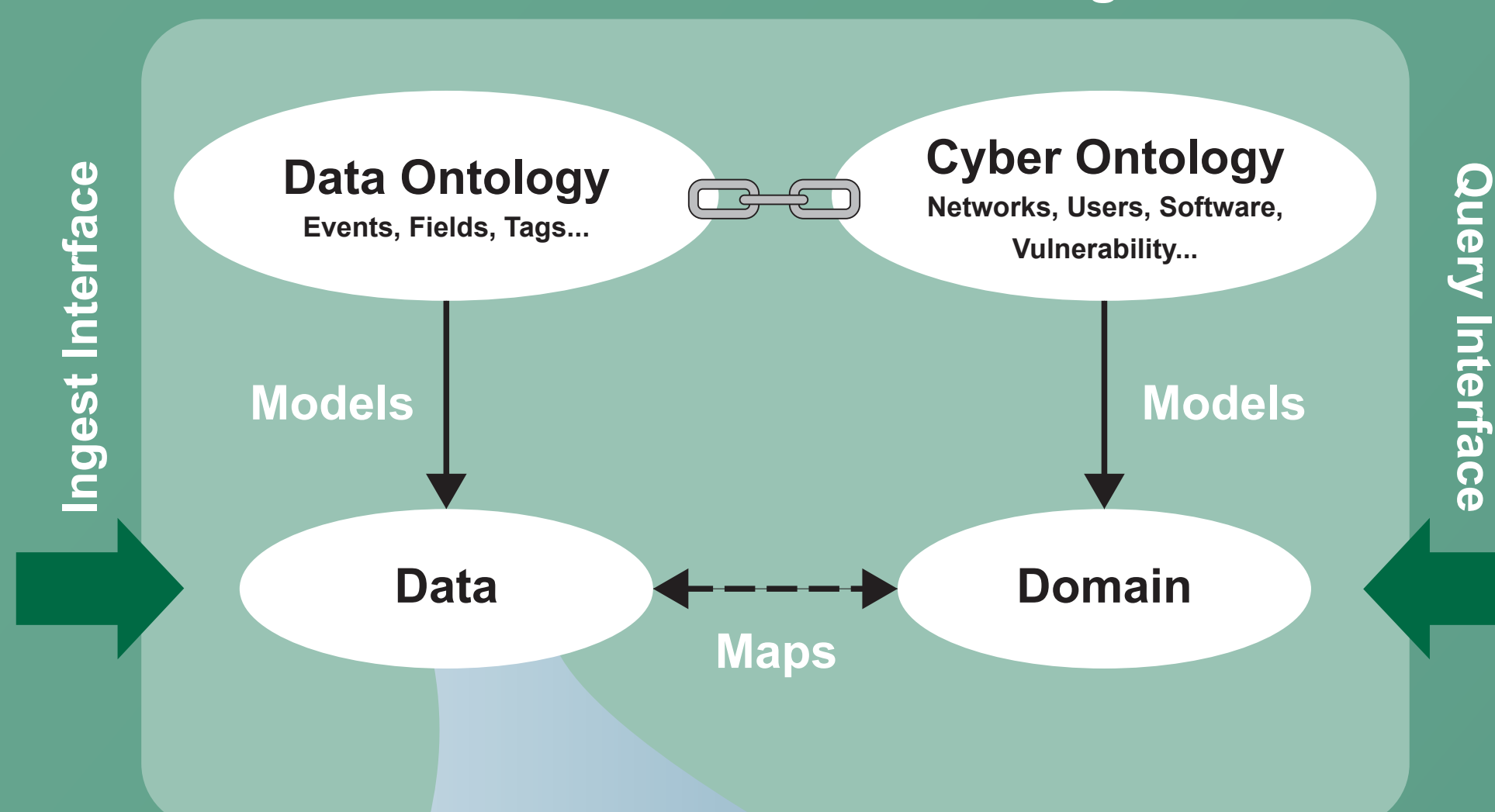
Enterprise
Management

Ingest
and
Enrich

Command and Control

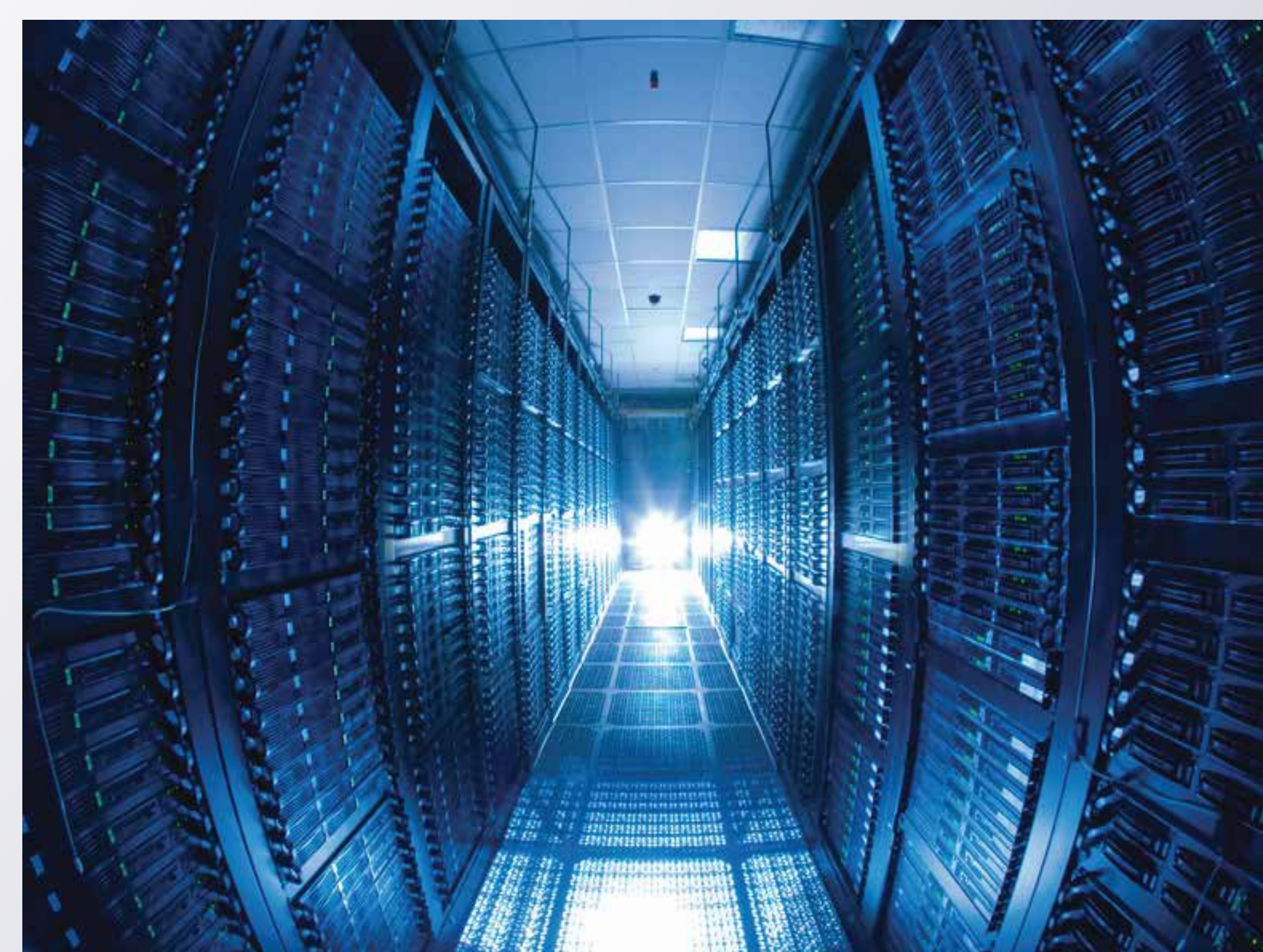
Ontology-based Ingest and Query Framework

Provide semantic abstractions for
data access and reasoning



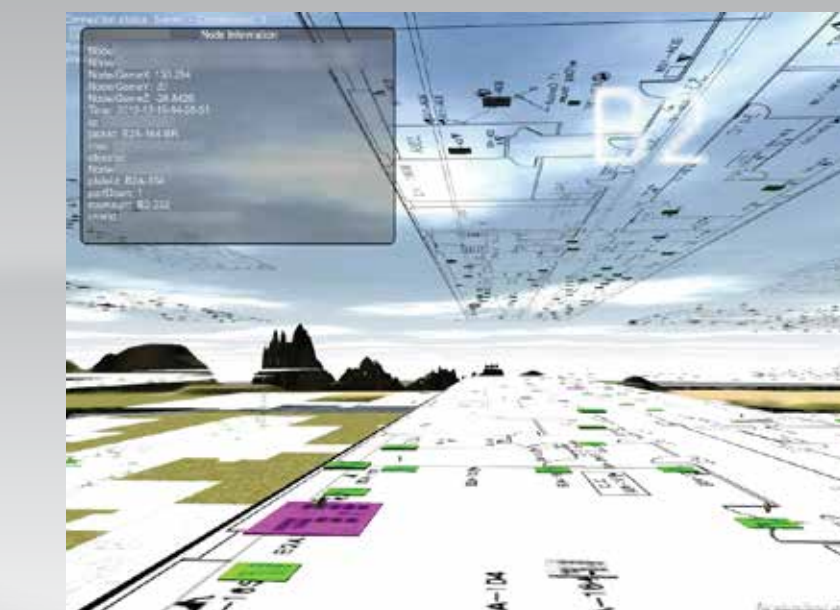
Store large amounts of dynamic
heterogeneous data

Elastic Grid Computing

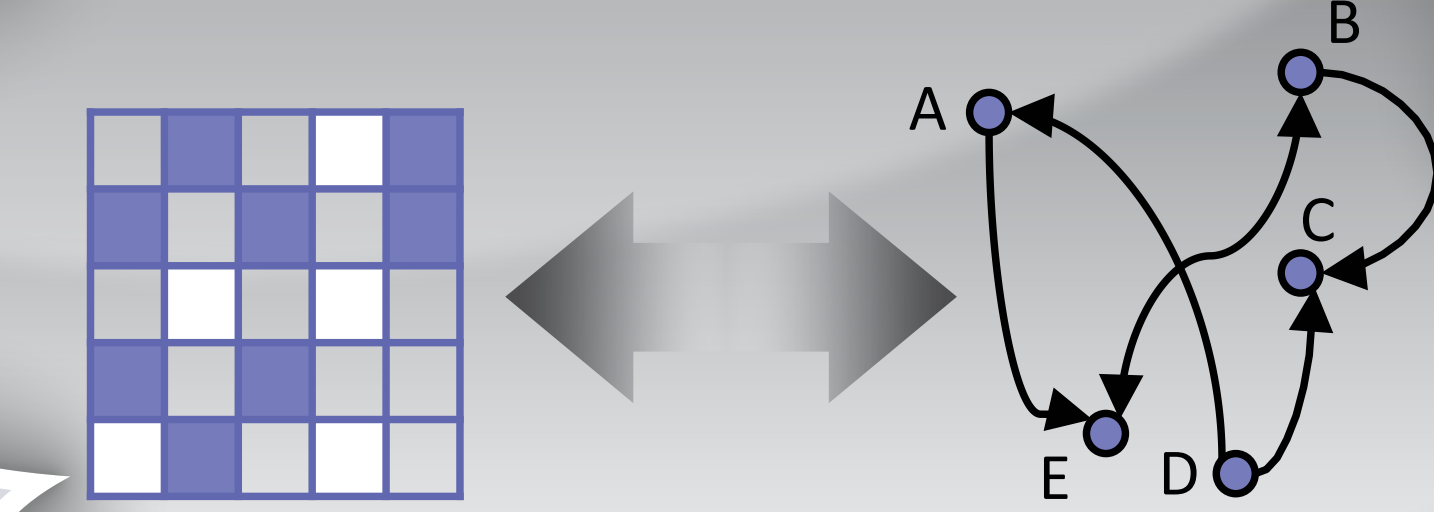


Run on a scalable computing platform
based on LLGrid technology

Advanced User Interfaces

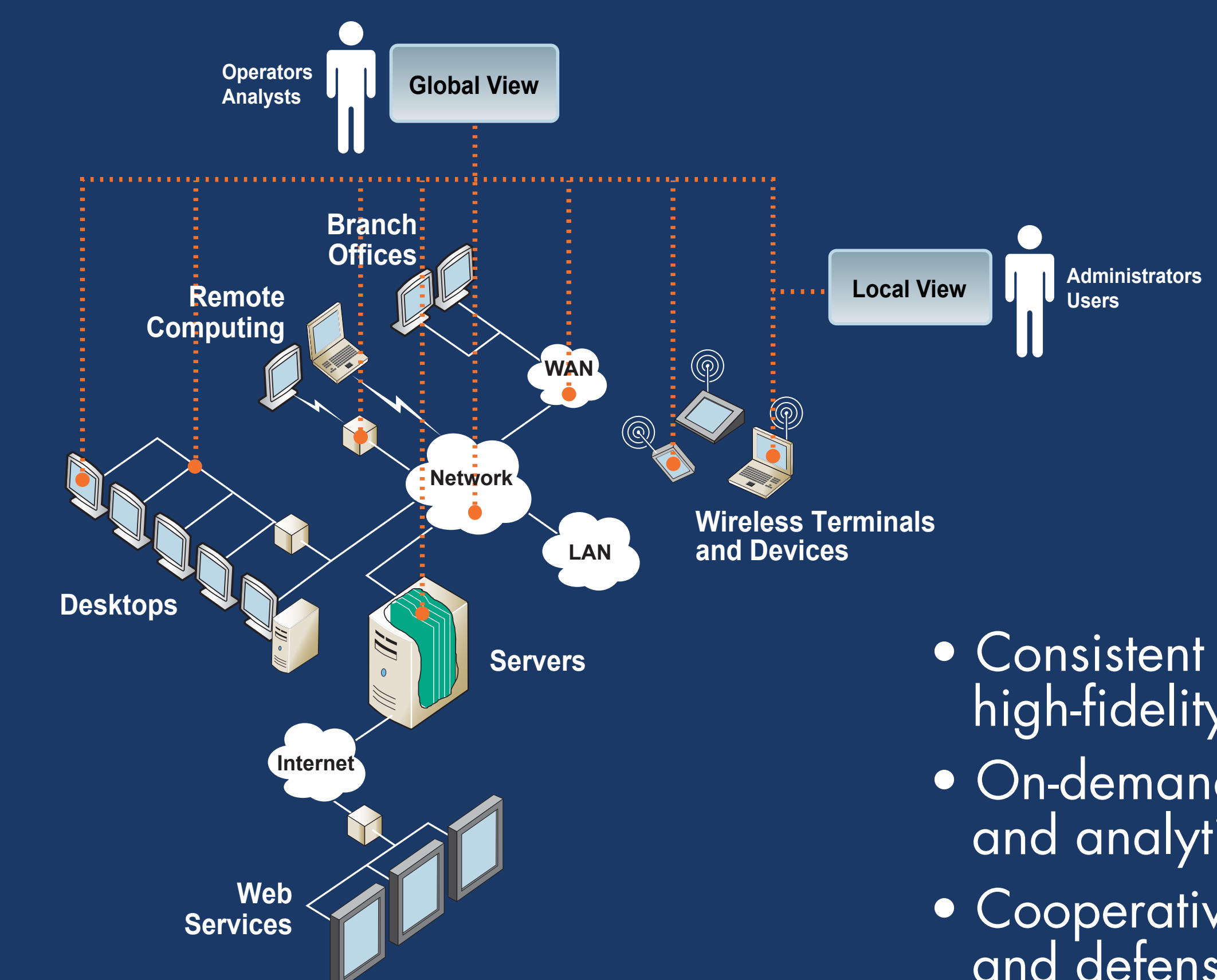


Advanced Analytics



Situational Awareness

Vision



- Consistent and high-fidelity views
- On-demand sensing and analytics
- Cooperative monitoring and defense