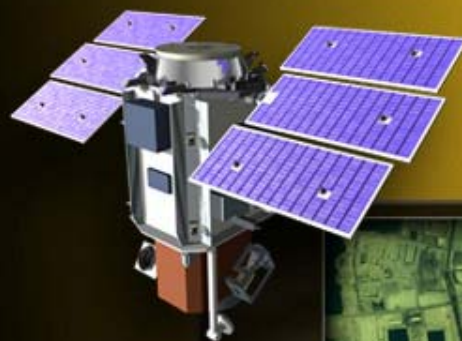


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# *GEOINT Interoperability Demonstration*

**USGIF**



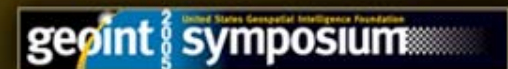
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# Demo Participants

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INTERGRAPH

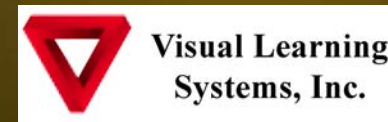


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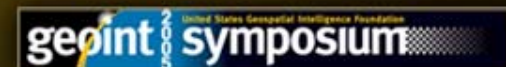
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# *Appreciation*

- **USGIF Demo Subcommittee**
- **NGA**
- **Open Geospatial Consortium**
- **Pacific Disaster Center**
- **Lead Dog**
- **Carbon Project**
- **Tildenwoods - Centrifuge**
- **TerraGo Technologies Inc.**
- **BBN Technologies**
- **Custom Weather**



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# *GEOINT Demo Scenario*

- **Powerful tsunami strikes Indian Ocean Basin**
- **Banda Aceh, Indonesia hit hard**



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# *GEOINT Demo Scenario*

- US responds to tsunami disaster with massive relief effort
- President George Bush asks former Presidents George H.W. Bush and Bill Clinton to coordinate US efforts
- Bush and Clinton travel to Indonesia



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# *GEOINT Demo Scenario*

- **George H. W. Bush and Bill Clinton arrived in Indonesia...**
- **TODAY!**

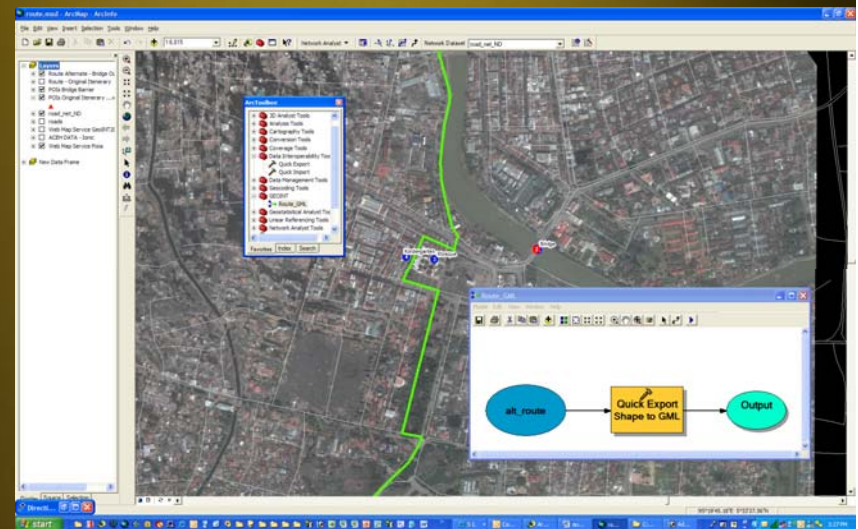


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# *GEOINT Demo Scenario*

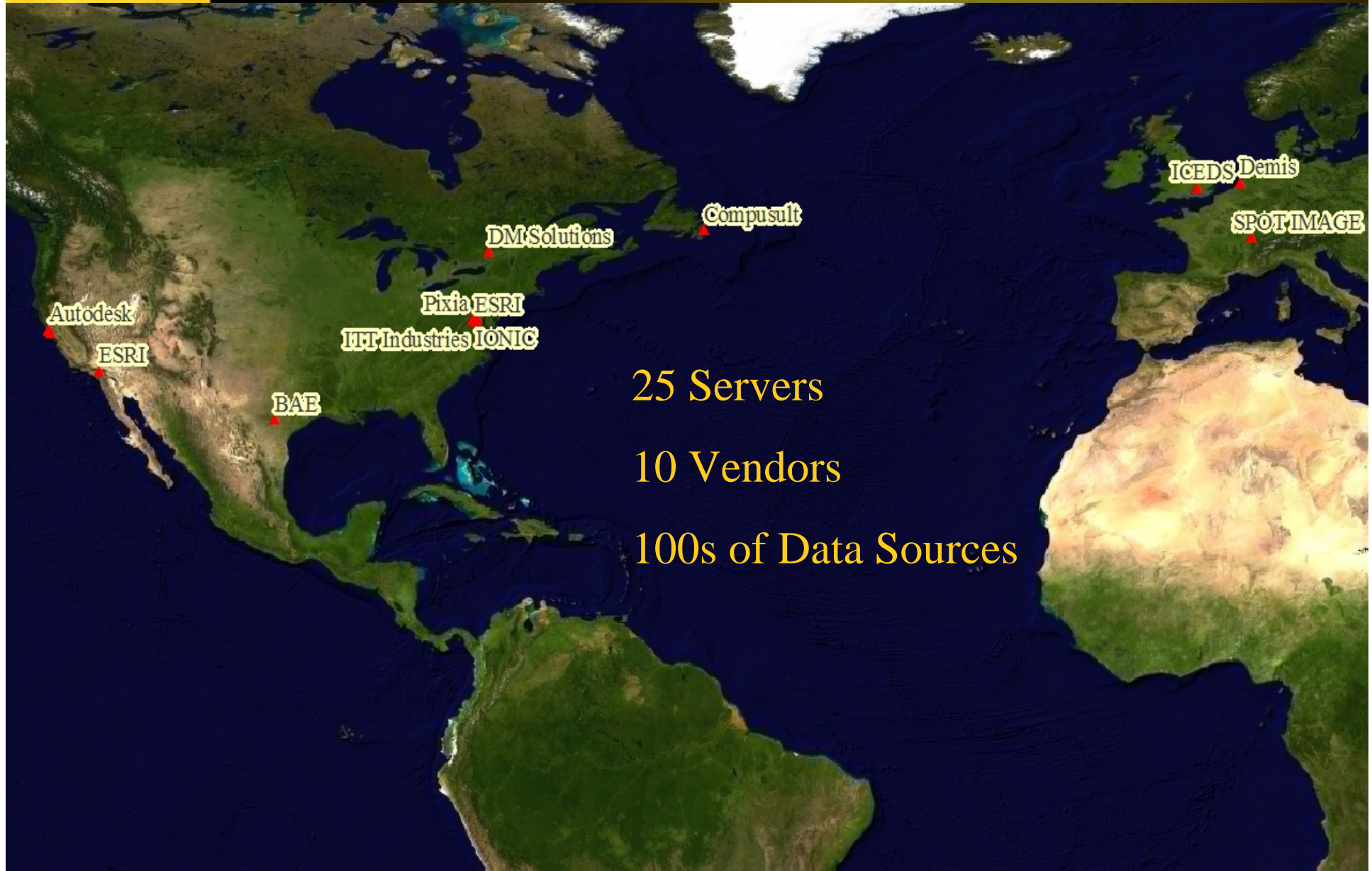
- **George H. W. Bush and Bill Clinton arrived in Indonesia...**
- **Naturally things went wrong...**
- **But GEOINT got things right...**



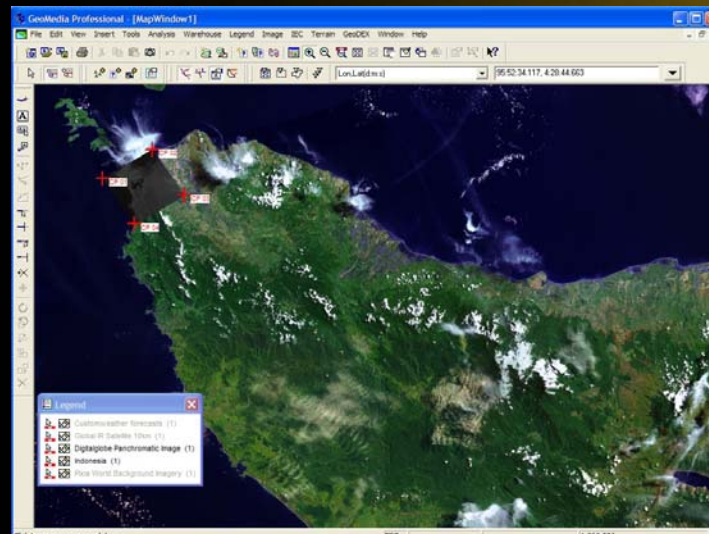
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# *Where are the Services?*



# Demo Flow



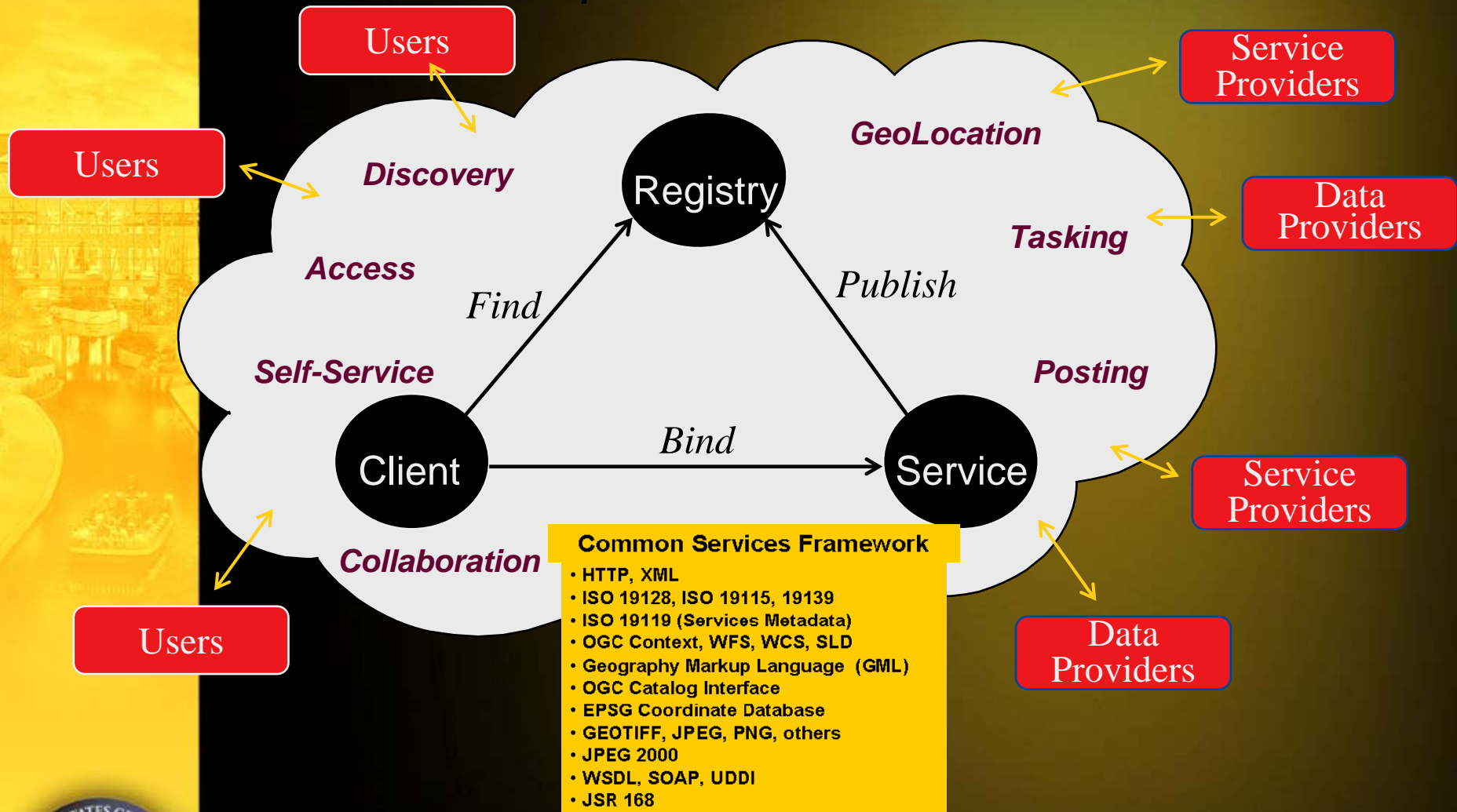
- **Each time analysts perform an operation they are accessing multiple OGC Web Services**
- **Planning for VIP Visit**
- **VIPs Arrive; Execute Plan**
- **Motorcade proceeds; Evacuate VIPs**
- **Defeating Threats; Saving Lives**



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# Services Architecture for GEOINT Simple + Powerful



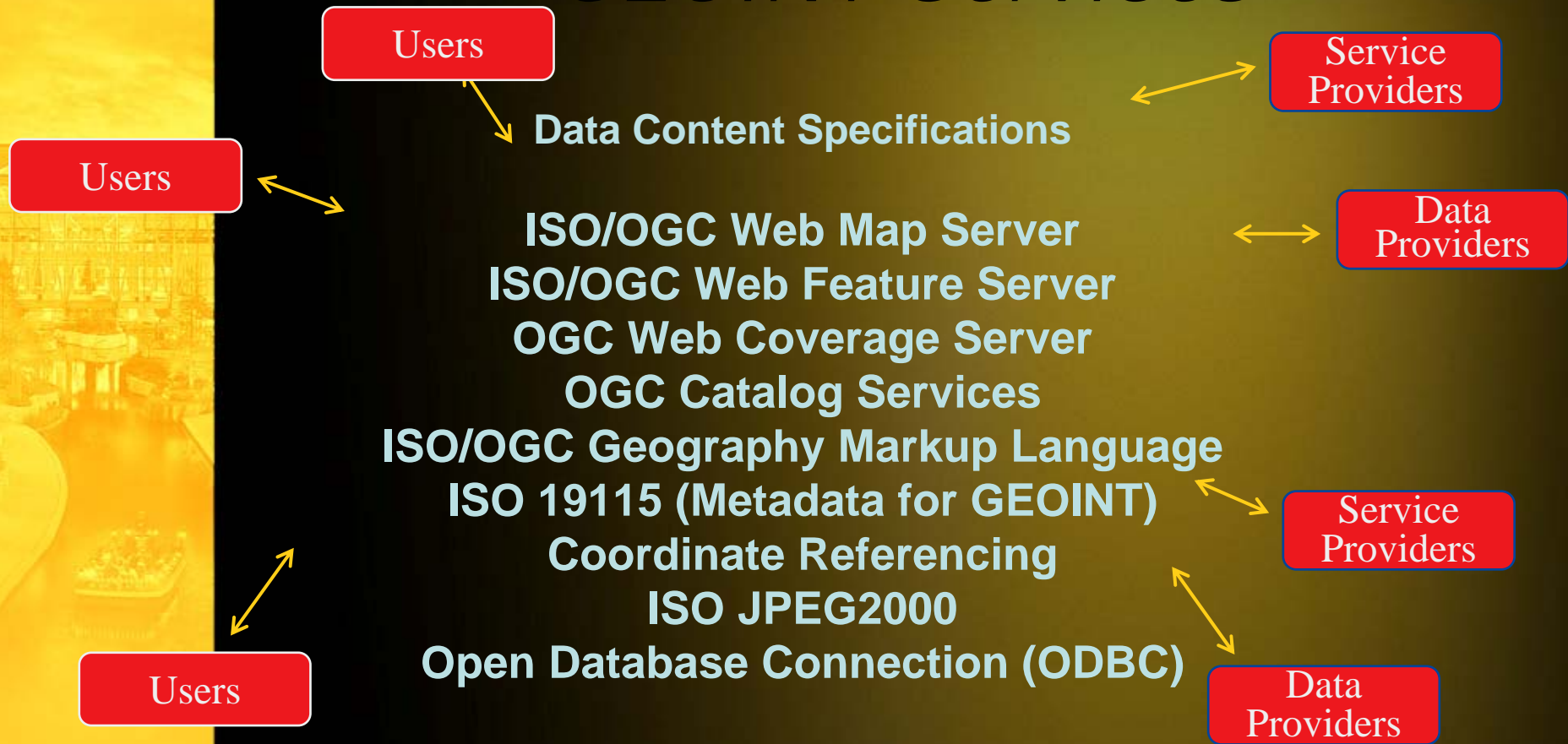
Based on Standards Listing For National System for GEOINT

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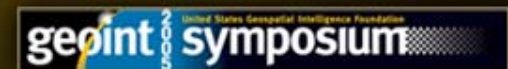


# Focus on Key Standards for GEOINT Services



Web Services Description Language, Simple Object  
Access Protocol, eXtensible Markup Language,  
Hypertext Transfer Protocol, Others (.NET, J2EE)

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# GEOINT Strategic Direction

Products → Geospatial Intelligence

MIL-SPECS → Open Standards

Proprietary Systems → Integrated SCOTS  
Enterprise Architecture

Non-interoperable Views → Common Relevant  
Operational Picture

Multiple Databases and  
Locations → Net-centric Database  
Structure

Focus on key standards to enable the National System for Geospatial-Intelligence Strategic Direction, speed transformation and provide the *'biggest bang for the buck'* for the NSG Community and the warfighter



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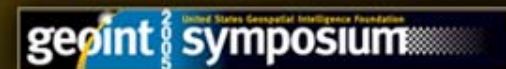
# *Success Through Standards*

- **Multi-Vendor**
- **Mission Focused**
- **Interoperable**

....This is a Huge Success



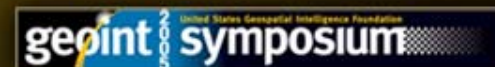
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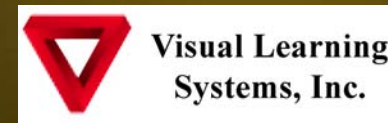


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