

Systems and Proposal Engineering Company

SOA Business Model for DoD

**A Service-Oriented Architecture
(SOA) Business Model for the
US Department of Defense (DoD)**

Presented October 21, 2008

Overview of presentation

- **How is DoD viewed today?**
- **How is SOA related to net-centricity?**
- **What would be a more SOA-like approach look like?**
- **Conclusions**

How Is DoD Viewed Today?



• This “systems view” divides activities into various “mission areas”

- Warfighting
- Intelligence
- Business
- Infrastructure

• In doing so, this complicates the interfaces between areas

• Also, “business” occurs in all these areas

See *Global Information Grid Architectural Vision*, June 2007

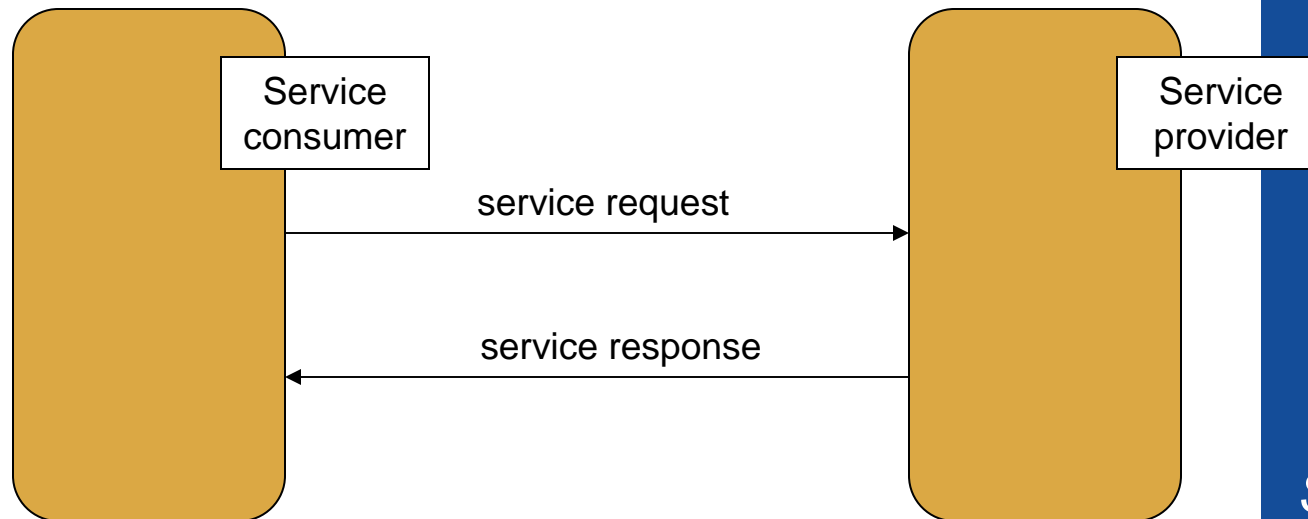
How Is SOA Related to Net-Centricity?

- **DoD defines net-centricity as “the realization of a networked environment, including infrastructure, systems, processes, and people, that enables a completely different approach to warfighting and business operations.”***
 - The idea is to use the global network to provide warfighters and decision makers with the information they need, when they need it, in a secure environment
- **Service-Oriented Architectures provides a means to package business processes as interoperable services**
 - Hence, it is seen as a means to implement net-centricity

See DoD Net-Centric Data Strategy, May 9, 2003

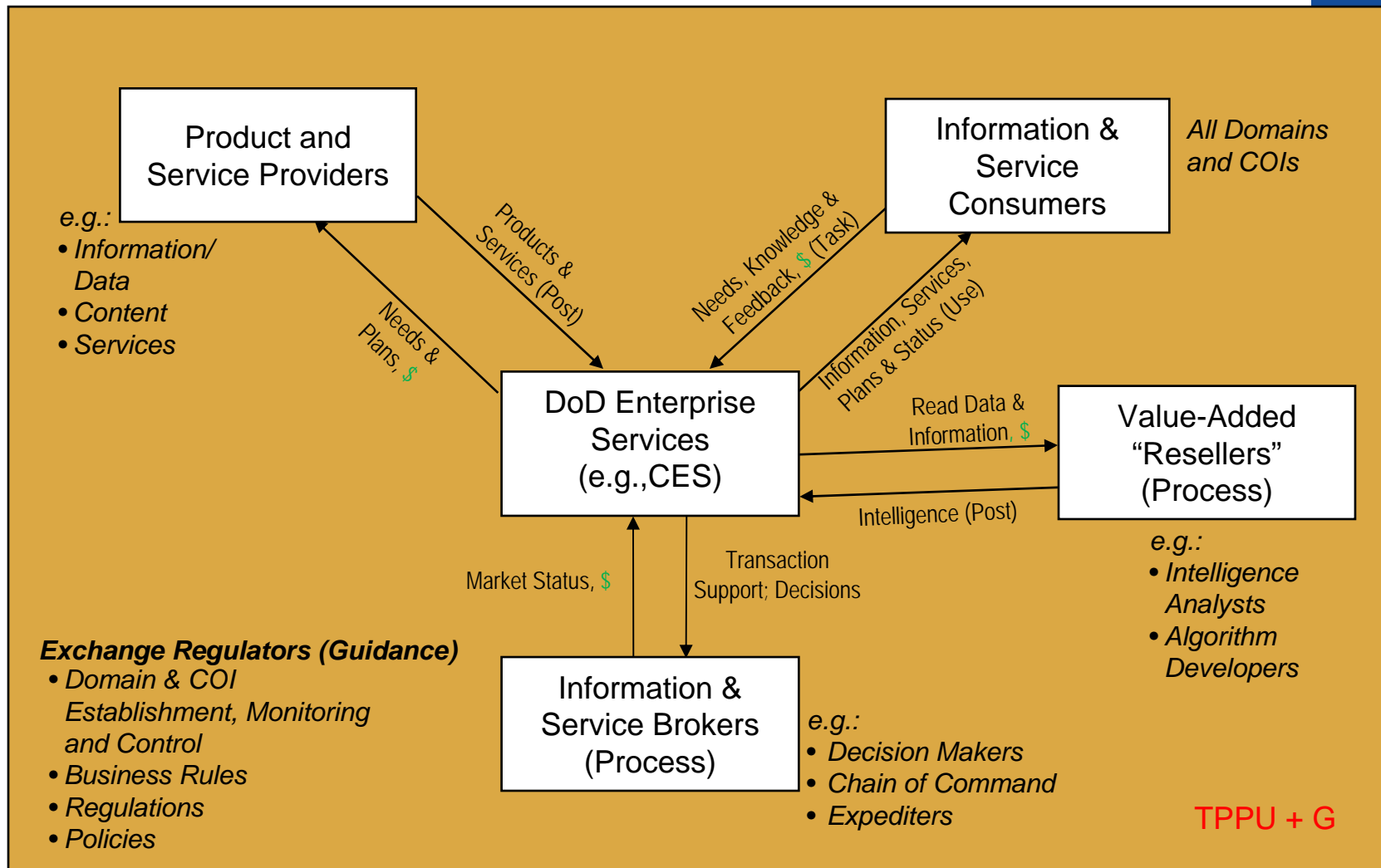
So does the current model lend itself easily to SOA?

Simple Example: A Basic SOA



*So how
can we
apply this
to DoD's
needs?*

Proposed SOA Business Model for DoD



Conclusions

- **Net-centricity can provide significant benefits to warfighters and decision makers**
- **SOA can provide an effective means for implementing net-centric principles**
- **By adopting a business model that cuts across the organizational boundaries, we can reap the benefits of DoD's vision for net-centricity**