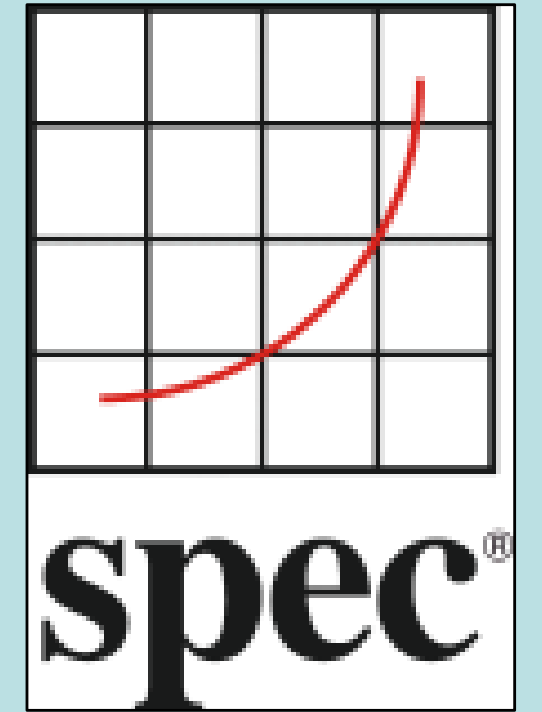# SPECSOA
Measuring Performance of Applications based on Service Oriented Architectures
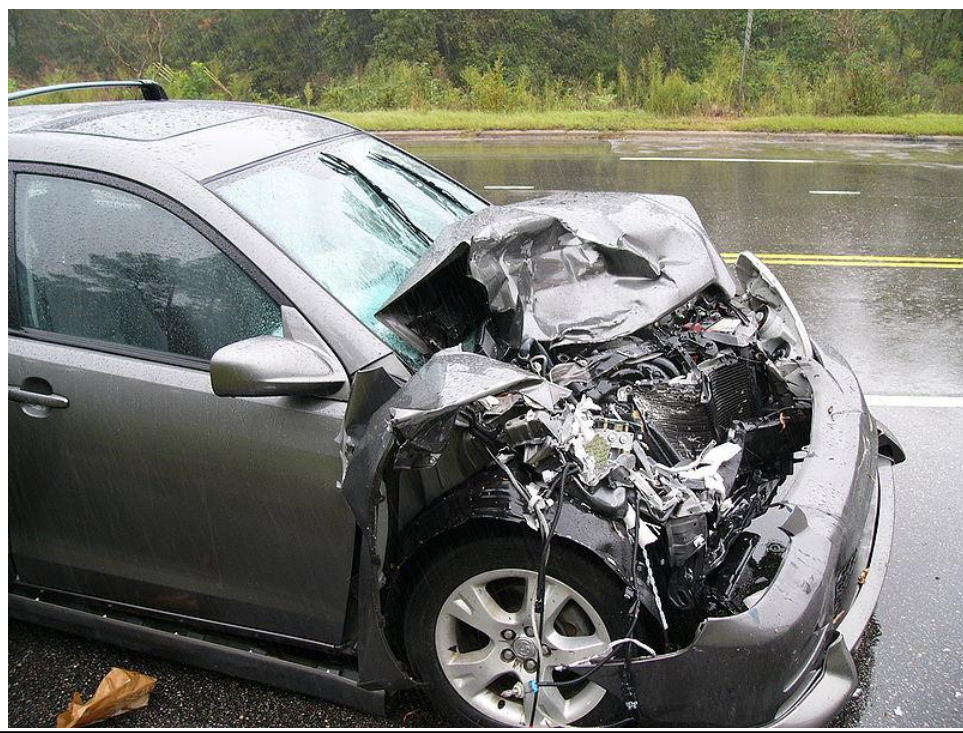
spec®

New SPEC group developing SOA-based application benchmark

WARRENTON, Va., September 9, 2009 — The Standard Performance Evaluation Corp. (SPEC) has formed a new working group to develop standard methods of measuring performance for typical middleware, database and hardware deployments of applications based on the Service Oriented Architecture (SOA).

Working Group Members

vmware   IBM   WSO2

intel   redhat.   ORACLE

Representation by consumers of SOA technology as well
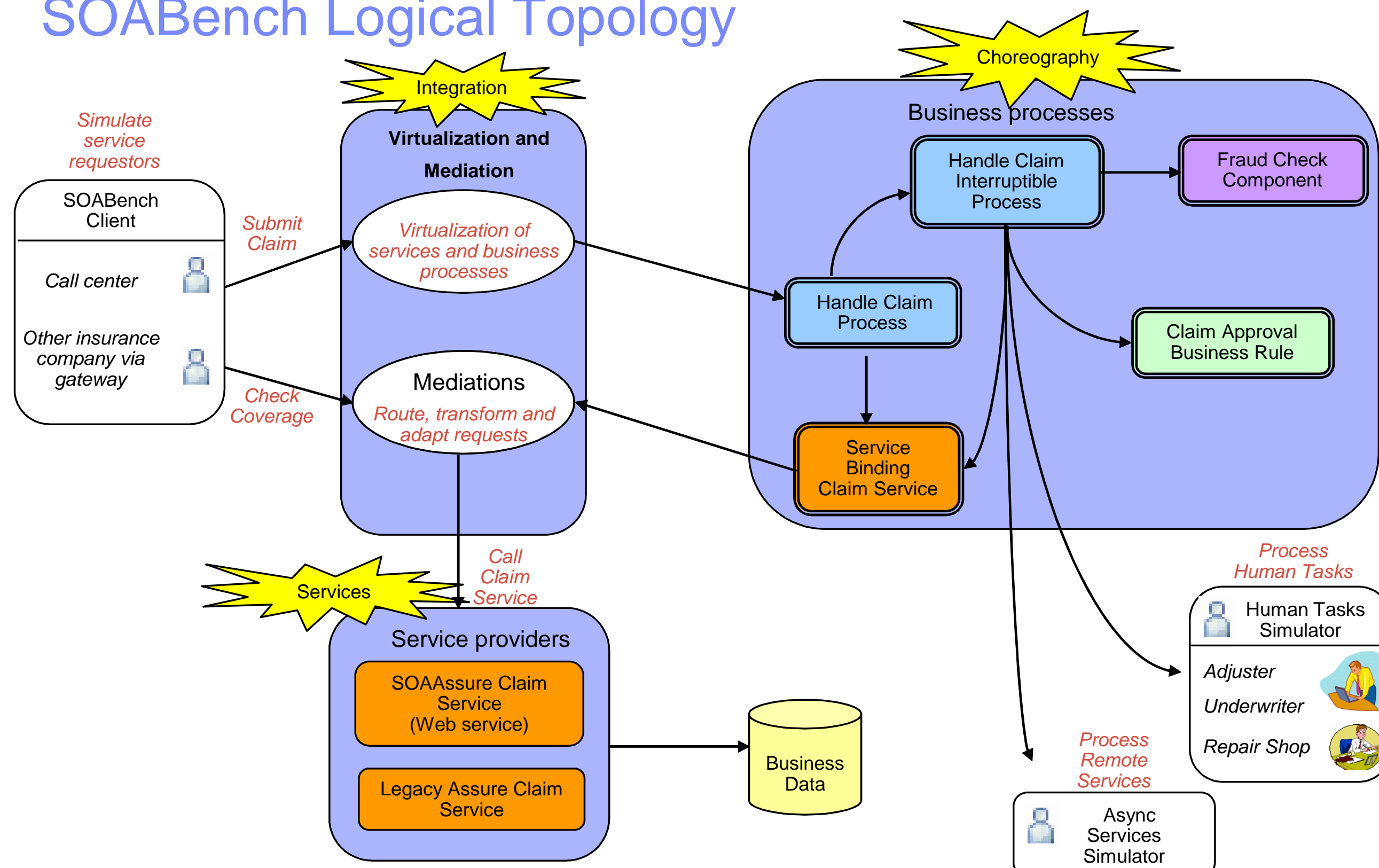

SOAAssure, a motor insurance company
- Claims Services
- Call Center Claims Application (BPM)
- Third Party Gateway (ESB)

The benchmark is designed around three parts of a typical SOA deployment infrastructure:

1. Services on top of application servers using web services;
2. Enterprise Service Bus (ESB) technologies that connect and mediate the services; and
3. Choreographing services into larger composite applications through BPEL (Business Process Execution Language) technologies.

SOABench Logical Topology

What's Next ?

Technical Deep Dives
Quality of Service Working Sessions → Benchmarking Subcommittee
SPEC SOA Bench-a-thon
Metrics Discussions

Contact: Andrew Spyker
Mail: aspyker@us.ibm.com