Workload Scenario

- Modeled after end-to-end real world business case
- Automobile manufacturer whose main customers are automobile dealers
- Incorporating CRM, manufacturing and supply chain management
- New Insurance module consisting of brokers and providers

Metric

\[ \text{OPS} = \frac{\text{number of successfully completed workflows}}{\text{time}} \]

- Dealer Domain Business Transactions: Browse, Purchase, Manage
- Manufacturing Domain Business Transactions: 50% EJB, 50% web services
- Insurance Transactions completed
- during measurement interval
- average normalized per second

**SPECjEnterprise.NEXT**

- Full SPECjEnterprise2010 functionality implemented as micro services
- New Insurance module

**New Features**

- Java EE 7 Technologies
- HTML 5
- REST Services
- Micro Services
- Insurance module with Web Profile technologies

**Enterprise Scale Workload**

- Micro Services Simplicity
- Cloud Readiness

**Key Java EE 7 Technologies**

- CDI 1.1
- EJB 3.2
- JAX-RS 2.0
- JPA 2.1
- JMS 2.0
- WebSocket 1.0

**What is measured?**

Full-system performance for
Java Enterprise Edition (Java EE 7) application servers and supporting infrastructure including

- Software
  - JVM
  - Database
  - Operating System

- Hardware
  - Processors
  - Network
  - Storage