

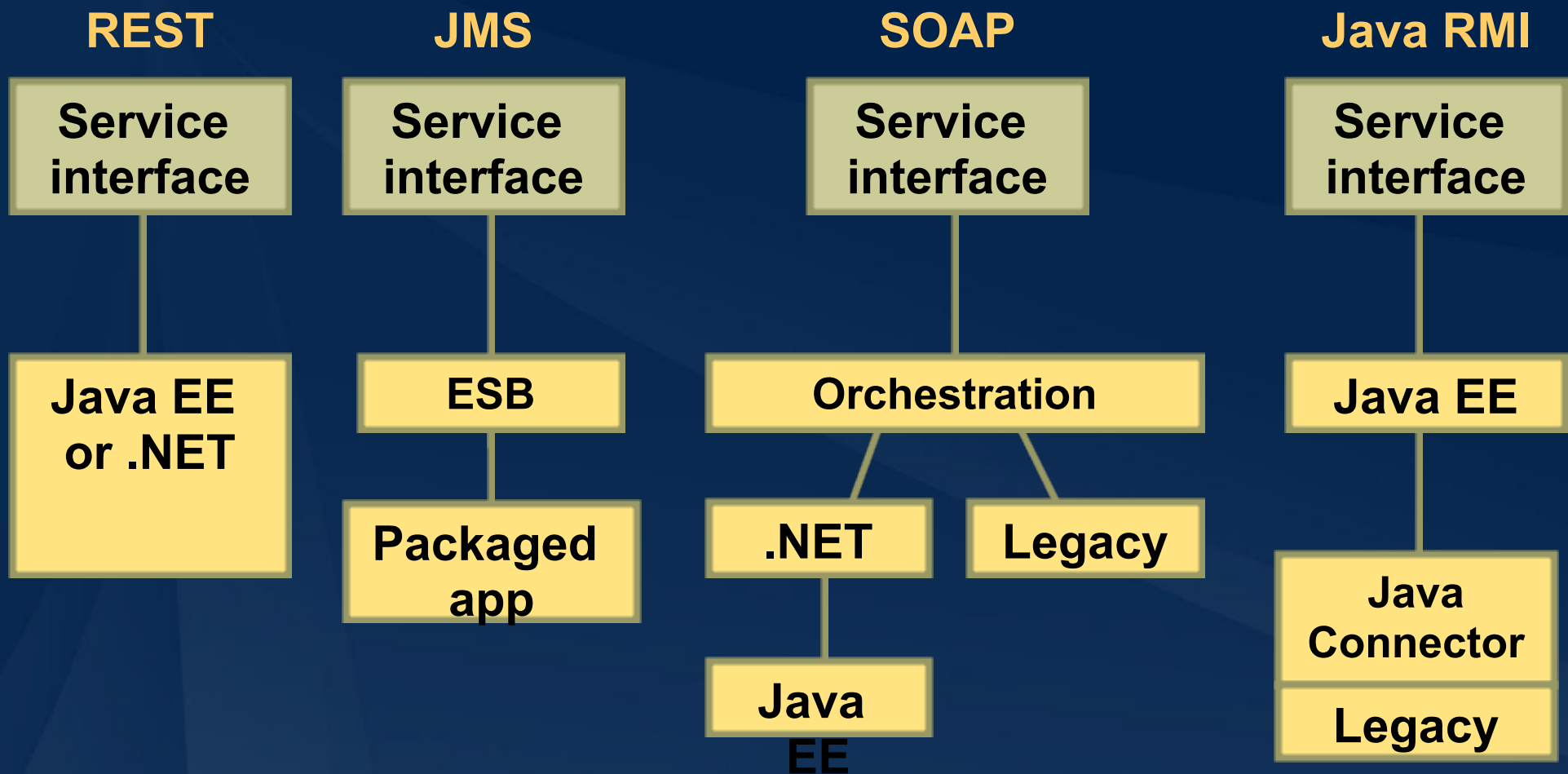
# Theme

Your service-oriented architecture (SOA) management solution must handle SOA-based service requests that have complex service implementations.

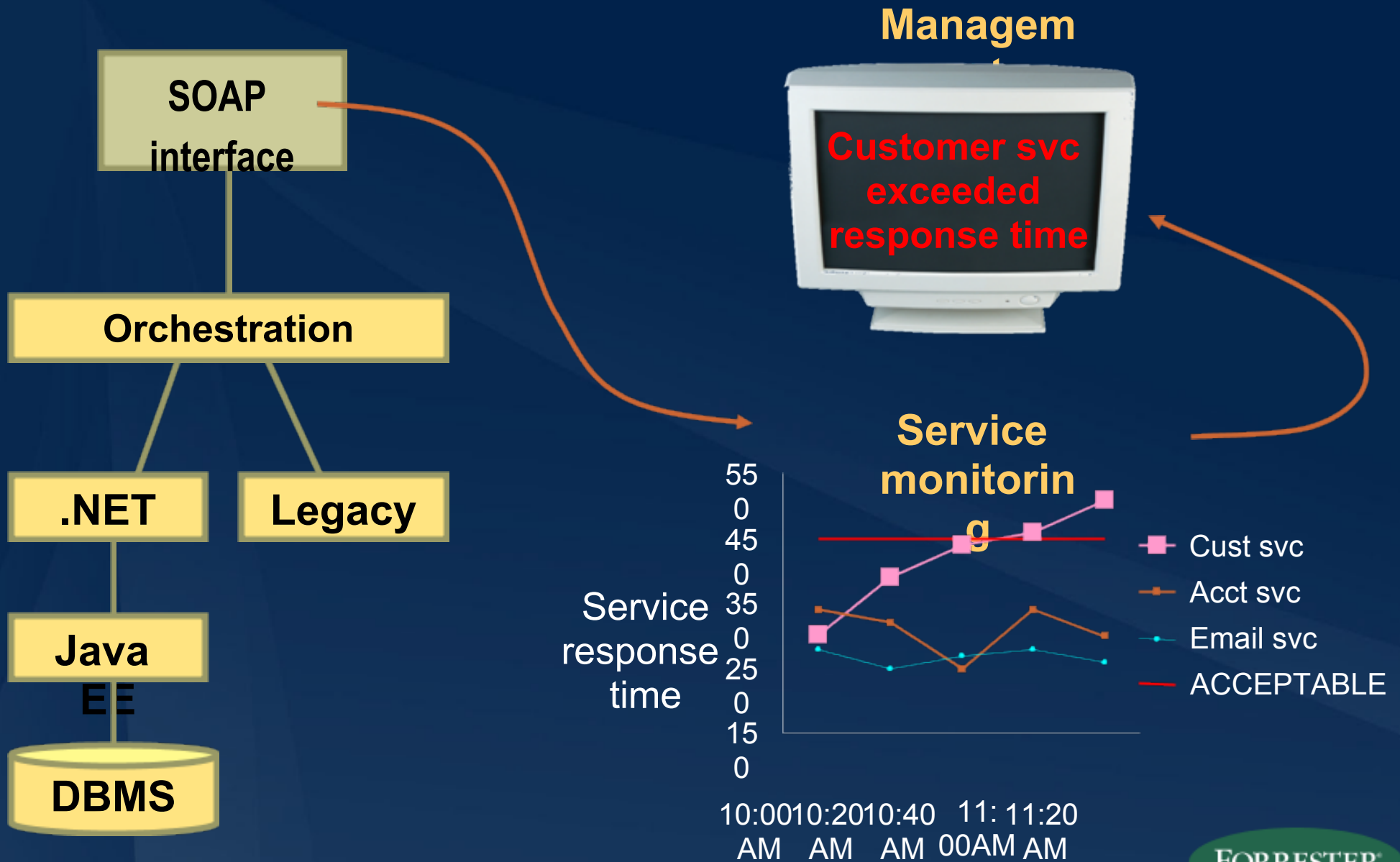
# SOA and Web services management solutions

- Infrastructure to monitor and control the use of SOA-based services, including:
  - Availability and performance (core)
  - Alerting and problem determination (core)
  - Service-level management (core)
  - Authentication and authorization (extended)
  - Policy management (extended)
  - Business-level management (additional)

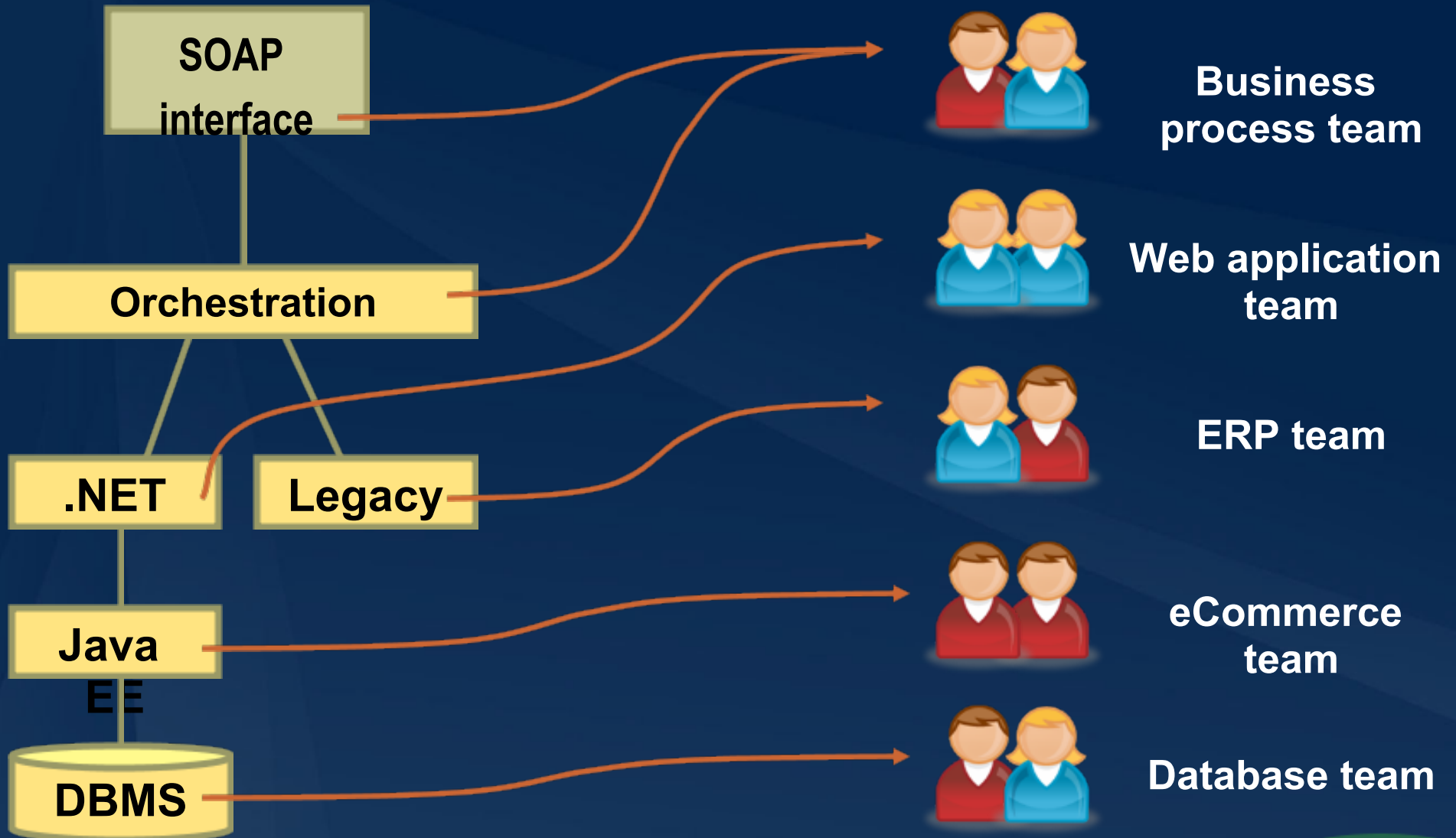
# Anatomies of services vary widely



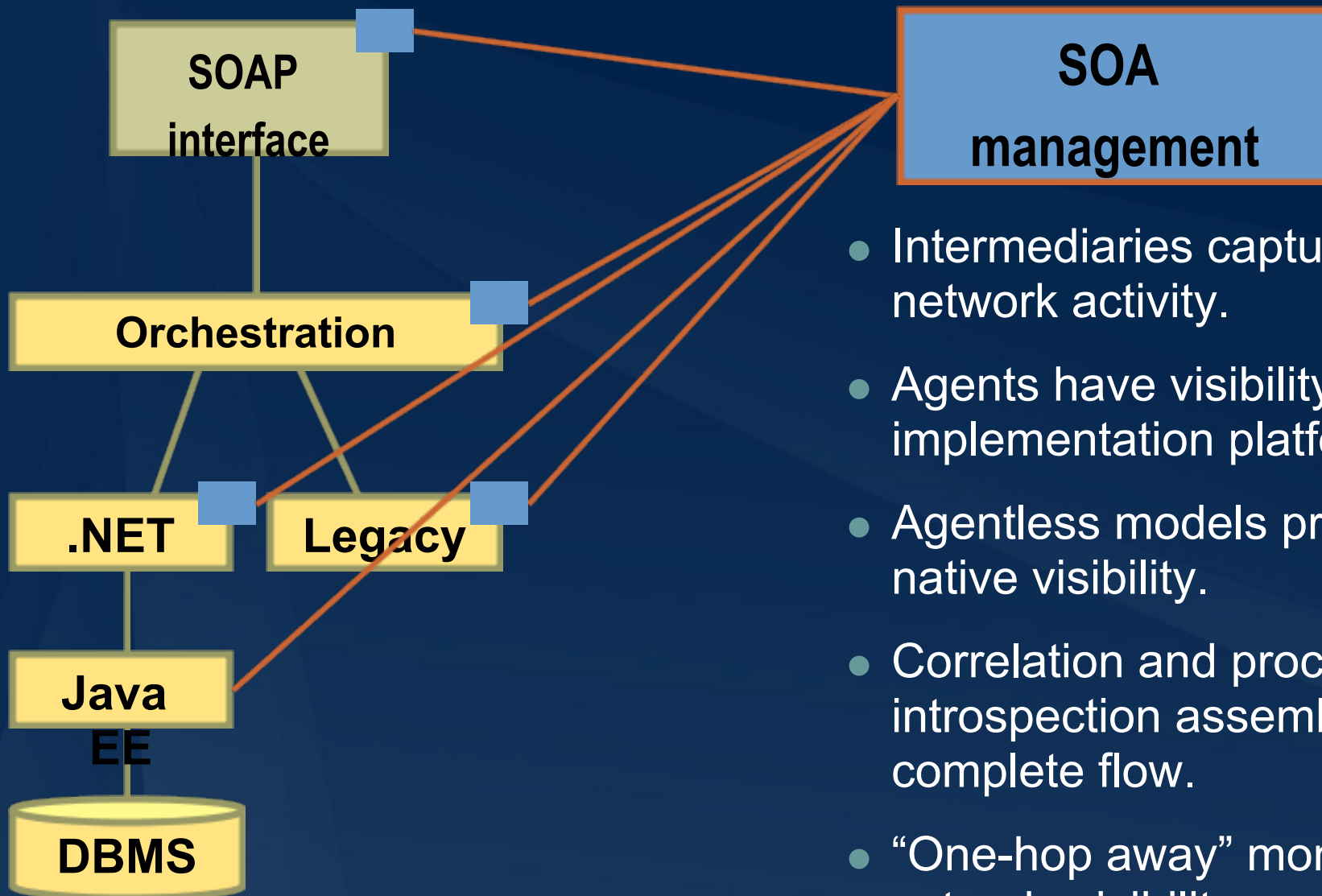
# If things go wrong, SOA management tells you



# Now the big difficulty: Who you gonna call?

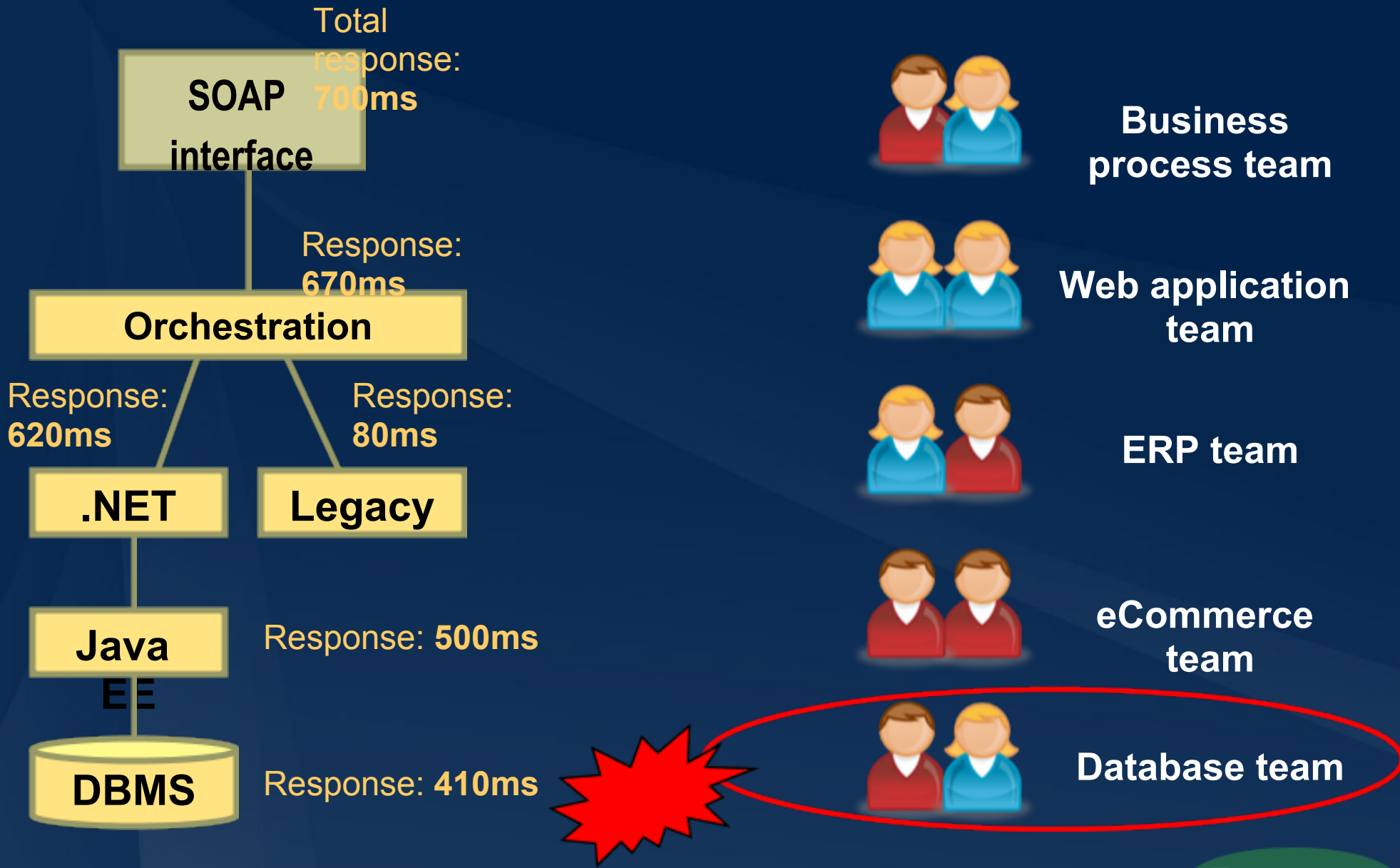


# Answer? Deep service management



- Intermediaries capture network activity.
- Agents have visibility into implementation platforms.
- Agentless models provide native visibility.
- Correlation and process introspection assemble a complete flow.
- “One-hop away” monitoring extends visibility.

# Result? Root cause isolation is much faster



# Other value from deep SOA management

- Better capacity planning
  - Monitoring may consolidate loads on SOA platform elements across multiple services.
- Active management of the SOA platform
  - Visibility into multiple infrastructure types may extend to control of the whole SOA platform.
- Flexible policy-based control
  - Smart policy deployment may choose between different SOA platform elements that can enforce the same policy.

# SOA management: two major categories

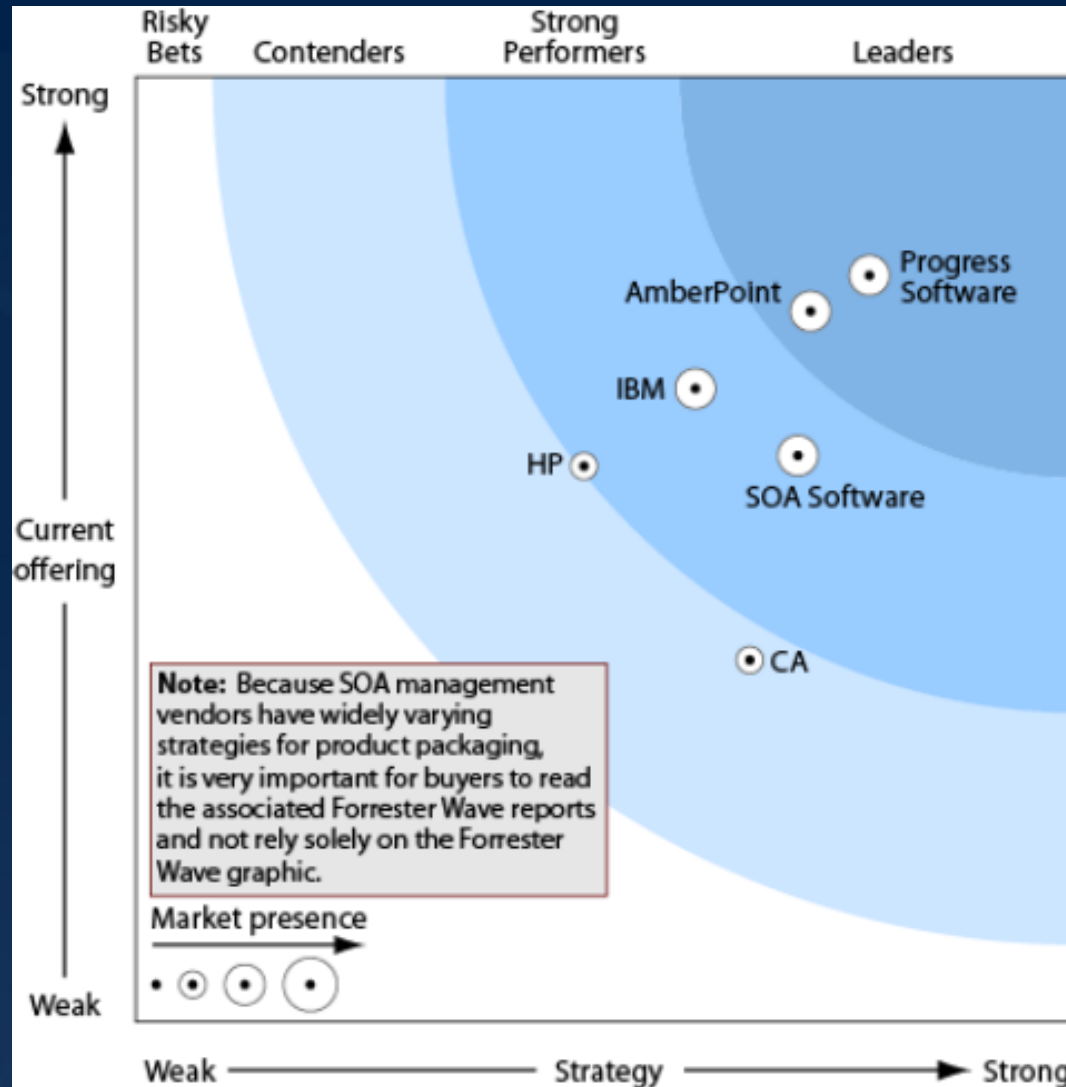
- **Standalone solutions**

- Core functionality for SOA monitoring and management
- Credible as a standalone solution
- May consist of multiple products

- **Embedded solutions**

- Significant functionality for SOA monitoring and management
- Included as part of an application or integration platform
- Not credible apart from other products from the same vendor

# Standalone: Progress and AmberPoint lead



Source: October 22, 2007, "The Forrester Wave™: Standalone SOA And Web Services Management Solutions, Q4 2007" Forrester report

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# Embedded SOA management solutions

- Strong offerings
  - IBM
  - Oracle
  - Software AG
  - TIBCO
- Others
  - Microsoft
  - SAP
  - Sun Microsystems