
SECTION 3

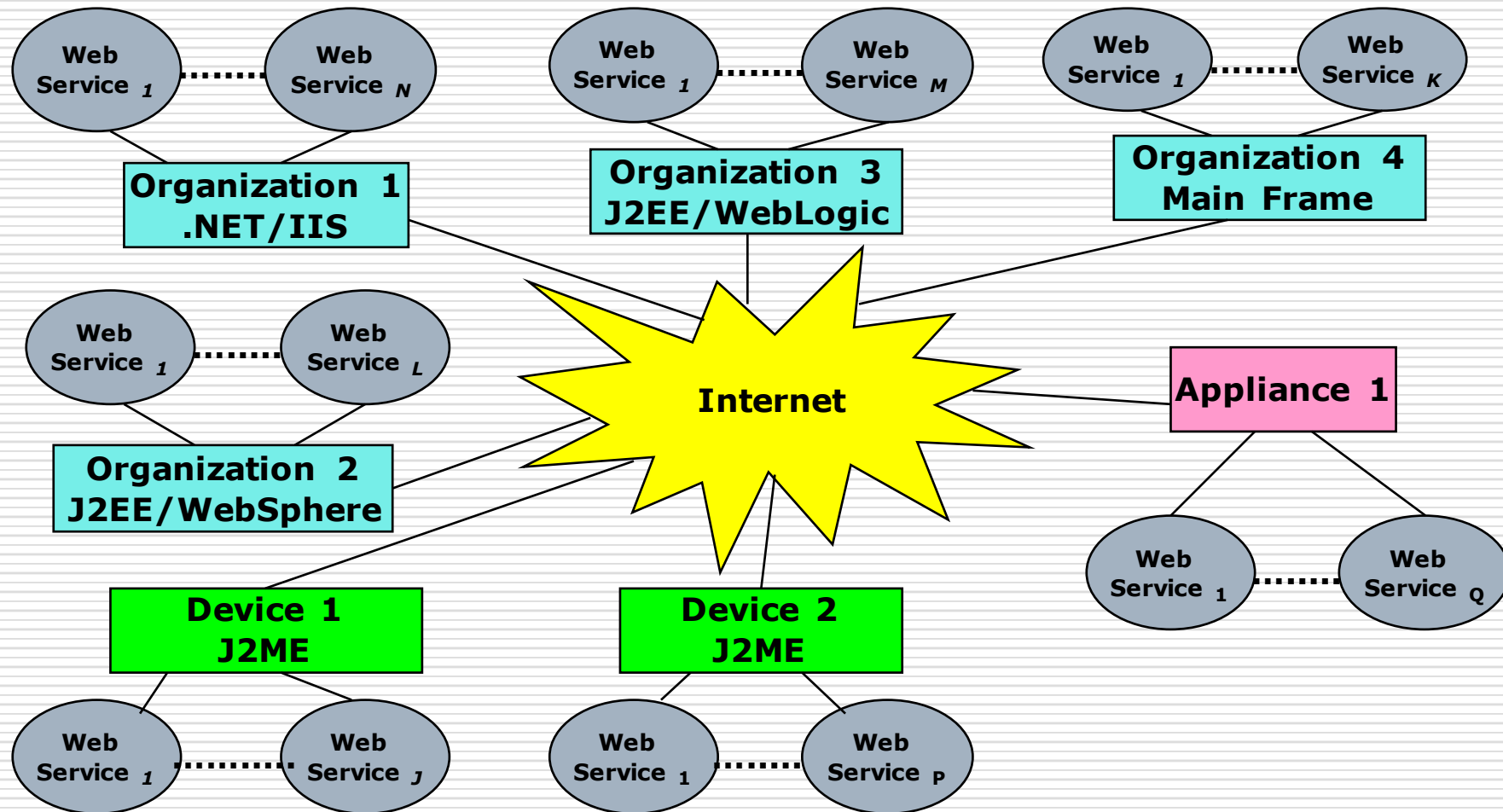
Platform Governance

Platform Governance

- Much of the benefit of SOA is derived from the promise of seamless interoperability between platforms
 - .NET
 - Windows Communications Foundation (WCF) consumer services exposed from COTS
 - Mainframe
 - Java applications
 - Embedded Systems
- **Core goal of SOA Governance is to ensure that services are relevant and consumable between platforms**

Source: *SOA Software, Inc., 2008.*

Platform Governance Cont'd



Platform Governance Cont'd

- ❑ Not all platforms are governable
- ❑ Platforms fall into one of 3 categories:
 - ❑ Ungoverned platforms, Self-governed platforms, Governed platforms
- ❑ Ungoverned Platforms
 - The purest form of Informal Governance
 - This often results in “Random SOA” or “Accidental SOA”
 - This includes any container that doesn’t support policy enforcement natively or with an agent
- ❑ Self-Governed Platforms
 - A mixture of formal and informal
 - Some tasks and activities are governed, some are not
 - SOA Governance is as weak as the weakest link in the chain
 - **Example:** Containers that use their own tooling without policy integration with a centralized enterprise SOA Governance solution

Source: *SOA Software, Inc., 2008.*

Platform Governance Cont'd

- Governed Platforms
 - A real or virtual organization exists
 - Devoted to the promotion of SOA programs and causes
 - Programs & causes are accepted as a fundamental part of an SOA culture
 - Governed Service Platforms have:
 - Clear job titles / responsibility support SOA Governance activities
 - Supports clear separation between implementation activities and governance activities
 - Provides standards-based governance integration interfaces
- Governed Platforms fall into 2 categories:
 - Governed Service Platforms
 - Governed Development Platforms

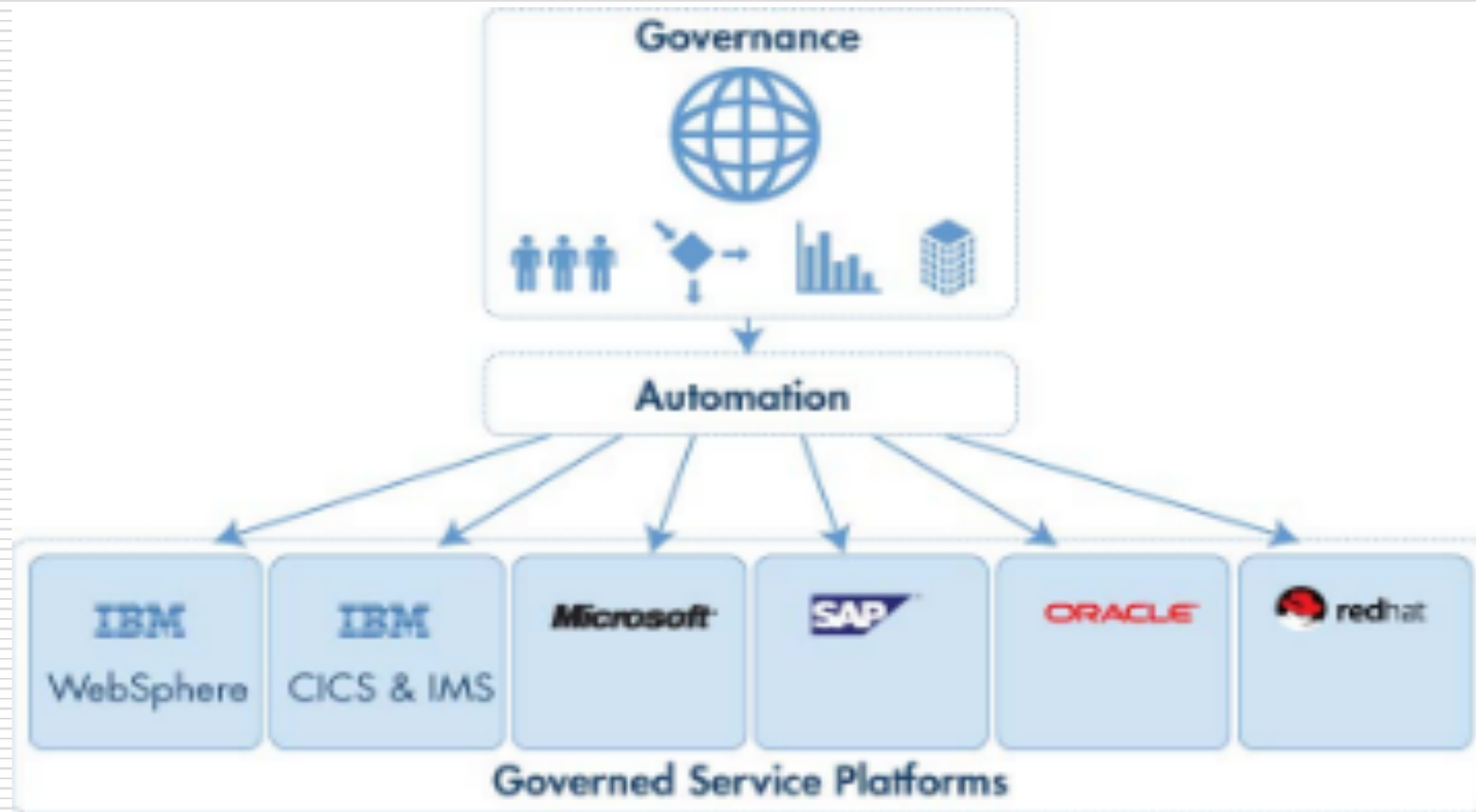
Source: *SOA Software, Inc., 2008.*

Platform Governance Cont'd

- ❑ Governed Service Platforms includes:
 - ✓ All applications that expose and consume services at runtime are service platforms
 - ✓ Application services like IBM WebSphere, Microsoft IIS, Oracle/BEA WebLogic, JBoss and others
 - ✓ ESBs from vendors including IBM, Microsoft Oracle/BEA, JBoss, TIBCO and others
 - ✓ Mainframe applications running in CICS and IMS
 - ✓ COTS applications like CICS
 - ✓ SaaS environments like Salesforce.com and Amazon.
- ❑ Governed Service Platforms offer standards-based governance integration interfaces
- ❑ They support the concepts of governance by an external enterprise governance system

Source: *SOA Software, Inc., 2008.*

Platform Governance Cont'd



Source: "Integrated SOA Governance for Microsoft", SOA Software, Inc., 2008.

Platform Governance Cont'd

- Governed Development Platforms
 - Most platform vendors provide:
 - An integrated development environment (IDE)
 - Source code management and version control system
 - Defect tracking/change request tooling
 - In many cases, a document management and/or asset management repository
 - An Integrated SOA Governance solution can provide:
 - Asset lifecycle management
 - Policy compliance capabilities
 - This ensures that developed software assets (such as services, components and applications) are:
 - Appropriate and relevant to the enterprise
 - They comply with applicable policies

Source: SOA Software, Inc., 2008.
