WS-I GOALS

• Achieve interoperability
  ▸ Integrate specifications
  ▸ Promote consistent implementations
  ▸ Provide a visible representation of conformance

• Encourage adoption
  ▸ Build industry consensus to reduce early adopter risks
  ▸ Provide a forum for end users to communicate requirements
  ▸ Raise awareness of customer business requirements

• Accelerate deployment
  ▸ Offer implementation guidance and best practices
  ▸ Deliver tools and sample applications
  ▸ Provide a implementer’s forum where developers can collaborate
THE WS-I VALUE PROPOSITION

• For vendors
  ▶ Meet customer demand for interoperability

• For developers
  ▶ Leverage the expertise of other developers
  ▶ Offer tools and best practices to speed implementation

• For end-user companies
  ▶ Reduce the costs and risks of adopting Web services
  ▶ Ensure that business requirements are met
  ▶ Accelerate interoperable products and solutions to market
**What is a profile?**
- A set of specifications at specific version levels
- Guidelines and conventions for using the specifications together

**What is the Basic Profile 1.0?**
- SOAP 1.1, WSDL 1.1, UDDI 2.0, XML 1.0, XML Schema and HTTP 1.1
- More than 200 interoperability issues resolved
- Conventions around messaging, description, discovery such as:
  - Deprecation of RPC-encoded (use schema as the interoperable type system)
  - Support and guidelines for RPC/lit
  - Unique signatures for input messages
  - Fault and error handling clarifications
THE BUSINESS VALUE OF BASIC PROFILE 1.0

- **Reduces cost, complexity and risk**
  - Provides confidence in interoperability
  - Common implementation guidelines

- **Improves productivity**
  - Eases collaboration, both internally and with business partners
  - Allows companies to focus on added value, not basic plumbing

- **Simplifies buying decisions**
  - Look for the WS-I logo
RELATIONSHIP OF WS-I DELIVERABLES

- Scenarios and sample applications
  - Use cases
  - Usage scenarios
  - Sample applications

- Profiles
  - Profiles

- Testing tools and materials
  - Testing tools
  - Other test materials
ASSOCIATED 1.0 DELIVERABLES

• **Available now**
  - Sample applications 1.0 documentation
    - Technical architecture, use cases and usage scenarios
  - Draft testing tools (v0.96)

• **Coming soon**
  - Testing tools 1.0
    - Candidate Approval Draft frozen for functional spec, test assertions and binaries
    - Entering board approval cycle shortly
  - Sample application 1.0 packages
    - Ten vendors with interoperating implementations, more to come
    - Currently in candidate approval cycle
  - Sample applications showcase site
    - Hosted sample applications used to demonstrate interoperability
USE OF DELIVERABLES

• The public is free (and encouraged) to
  ‣ Download, use, and display the Basic Profile
  ‣ Download and use test tools and material to test their applications
  ‣ Download, use, modify, and redistribute WS-I sample applications

• Adopters may (in addition to the above)
  ‣ Reproduce and redistribute specifications with their products

• Members may (in addition to all of the above)
  ‣ Ship test tools and material (as is or modified) within their products
ADOPTION OF BASIC PROFILE 1.0

- More than 25 companies have announced their support for the Basic Profile 1.0
- Sun has announced that J2EE 1.4 will support Basic Profile 1.0
ROADMAP AND FUTURE WORK

• Coming soon
  ▸ Attachments
  ▸ Basic Security Profile

• Future work
  ▸ As the industry comes to some consensus around specifications for Web services reliability, orchestration, etc., WS-I will investigate potential interoperability issues and determine whether or not a new profile (or modification of existing profile) is warranted