

A Requirement for Convergence

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Different Perspectives

- ◆ Stakeholders bring divergent perspectives to decisions concerning data link:
 - Operational perspective
 - » Held by operators
 - Safety perspective
 - » Held by regulators
 - Business perspective
 - » Held by investment decision-makers

Operational Perspective

- ◆ SC189/WG 53 SG 4 provides the forum to develop the operational perspective
 - Focus on satisfaction of operational objectives
 - Membership composed of air traffic service providers, airspace users, and their vendors
 - Products define the extension of operational services, and the operational environment in which those services are delivered, beyond Baseline 1

Safety Perspective

- ◆ SC 189/WG 53 SG 2 provides the forum to develop the safety perspective
 - Focus on the regulatory mandate for safety
 - Proposal to modify terms of reference to conduct a safety assessment for the Baseline 2
 - Inputs from SG 4 to SG 2 include:
 - » Operational services
 - » Environmental characteristics
 - Outputs of SG 2 are allocated safety objectives

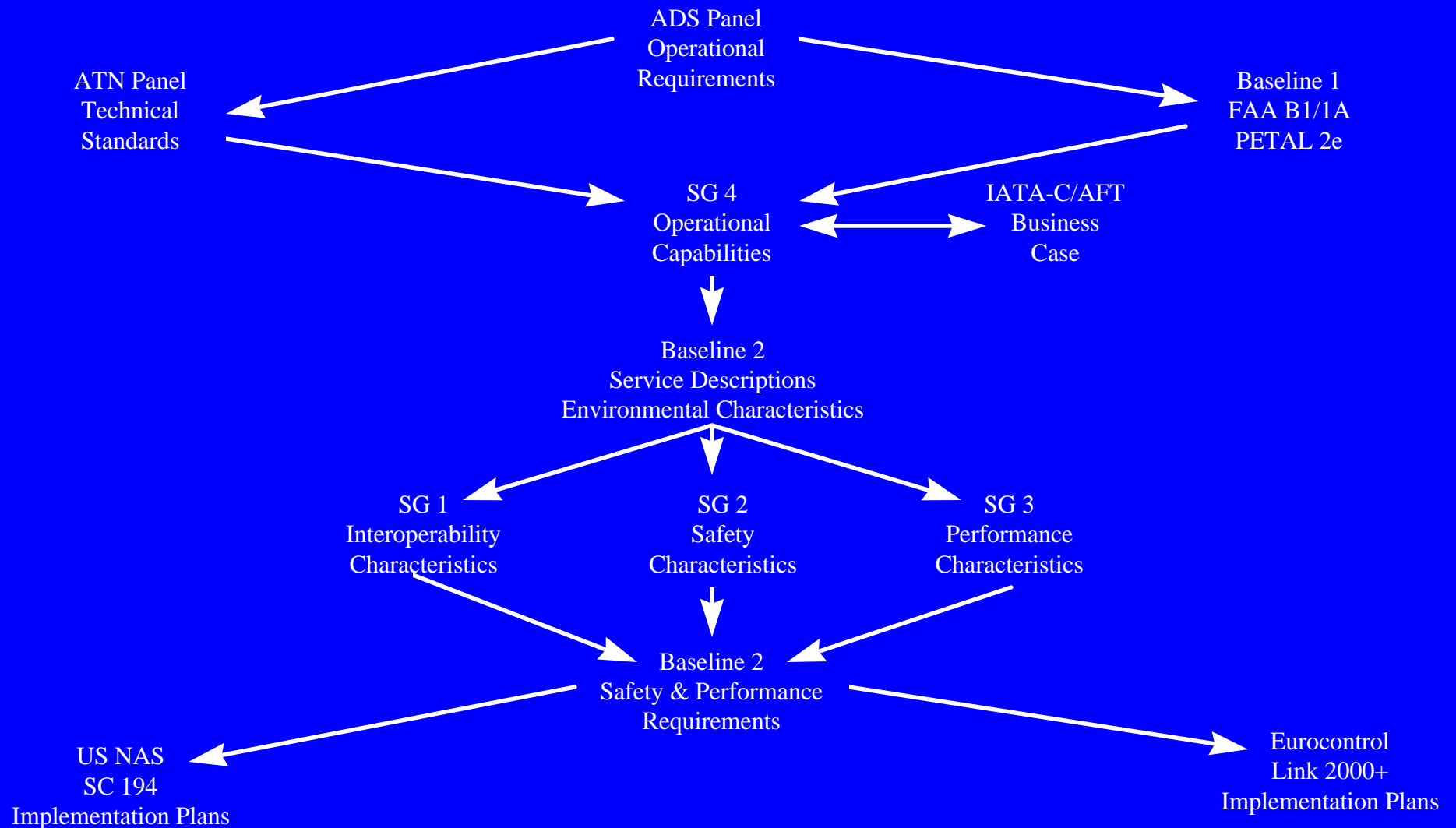
Business Perspective

- ◆ C/AFT provides the forum to develop the Airspace user business perspective
 - Airspace user investment analyses are global
 - » C/AFT investment analysis of Baseline 1 based on FAA implementation
 - » IATA DLFTF investment analysis of Baseline 2 based on European Link 2000+ considerations
- ◆ ATS providers to conduct investment analyses for specific implementations

SG 4 Success Criterion

- ◆ Satisfaction of business objectives through achievable operational capabilities becomes the success criterion for SG 4

Input/Output Relationships



SG 4 / IATA Business Case Relationship

IATA
Business
Objectives

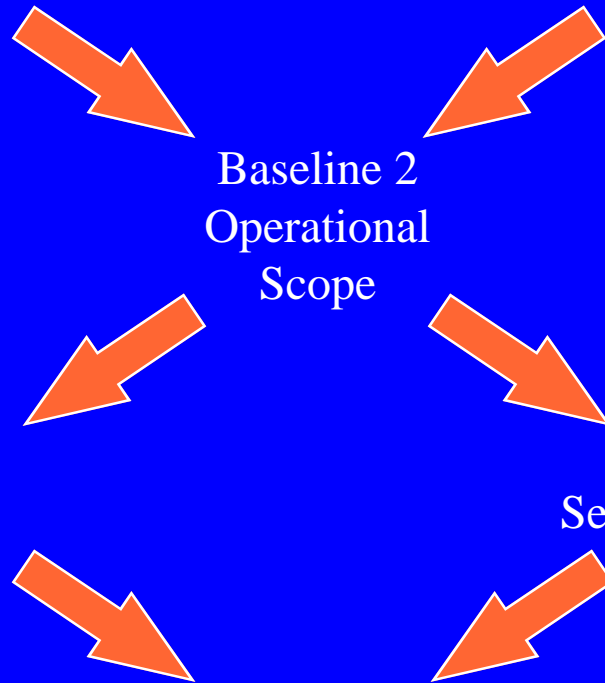
ATS Provider
Implementation
Plans

Baseline 2
Operational
Scope

IATA
Business
Case

SG 4
Document
Services & Environment

Baseline 2
Service Descriptions
Environmental Characteristics



Implications for Sub Group 4

- ◆ Operational service extensions to the Baseline 1 capability cannot be done in a vacuum
 - Inputs regarding business objectives must be considered
 - SG 4 outputs to be consistent with SG 2 input requirements