

Importance of standards in achieving harmonised deployment

Standards evolution workshop – 10th November 2020

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This afternoon....

Operational Panel

Role of standards in the future architecture

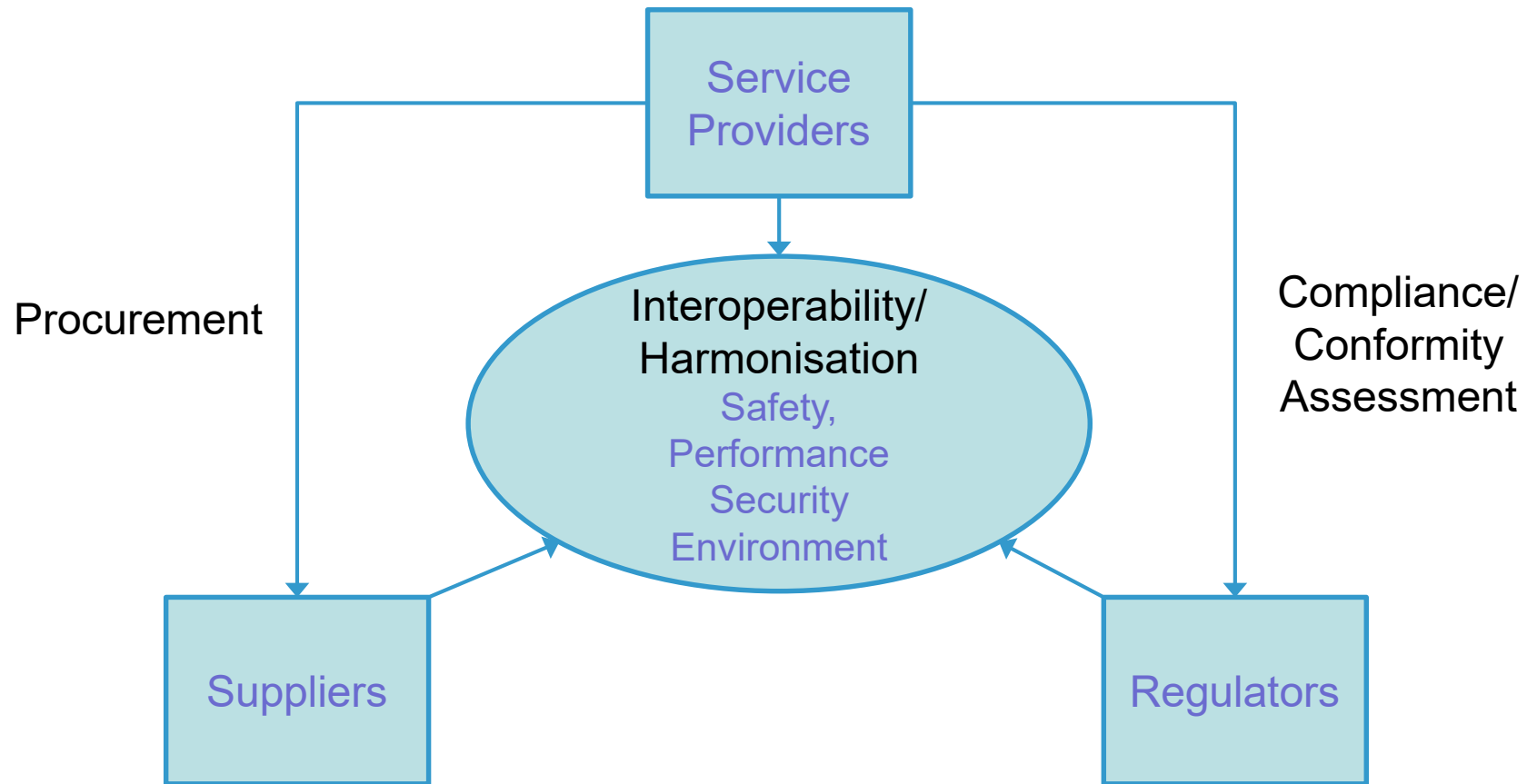
- Moderator: Think Research Ltd
- CANSO, ACI, Polish NSA, EASA, SJU

Institutional Panel

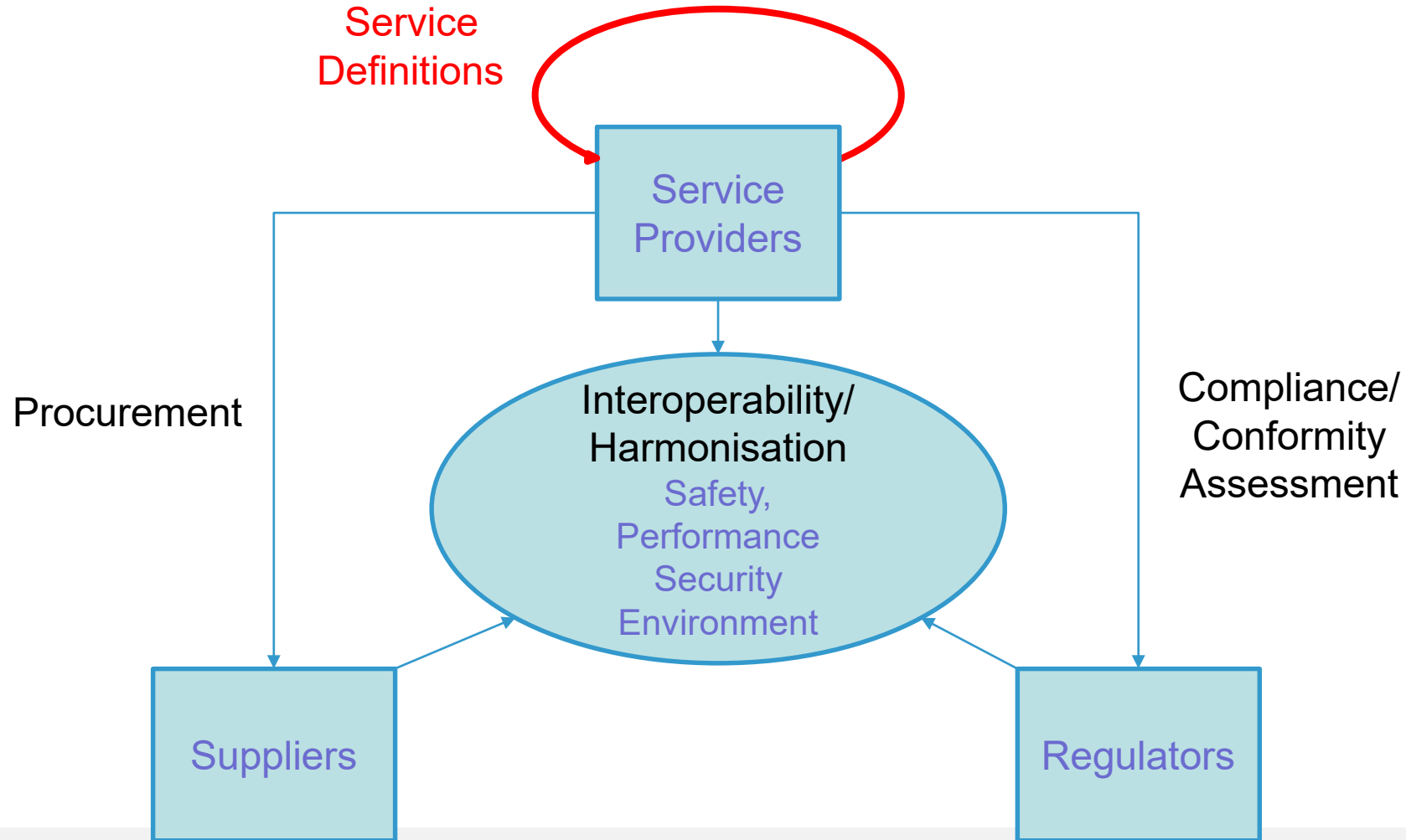
Supporting the transition

- Moderator: EUROCAE
- DG MOVE, EASA, SDM, ETSI, EDA/
EUROCONTROL

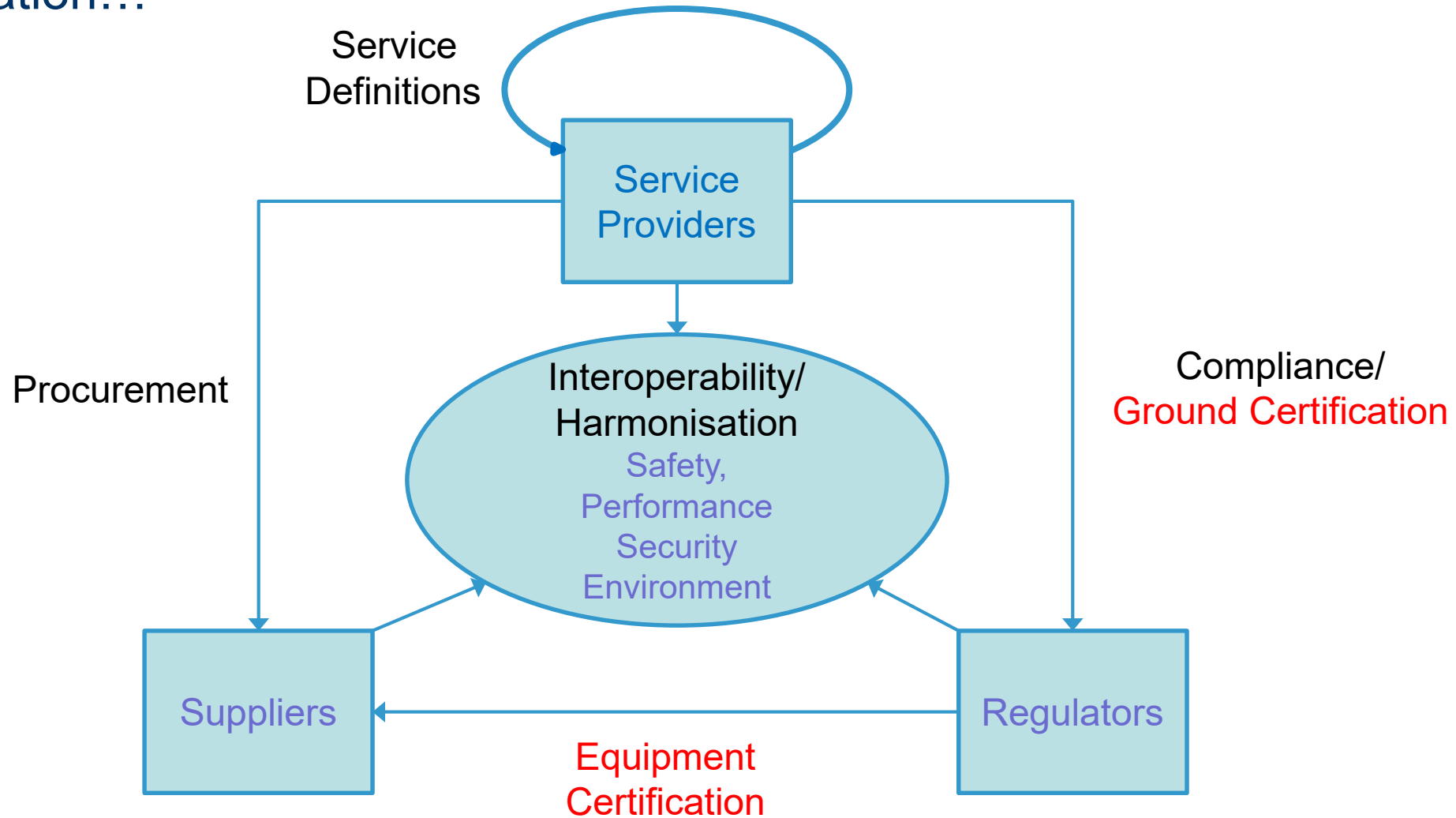
Standards create the common understanding required for deployment and service provision...



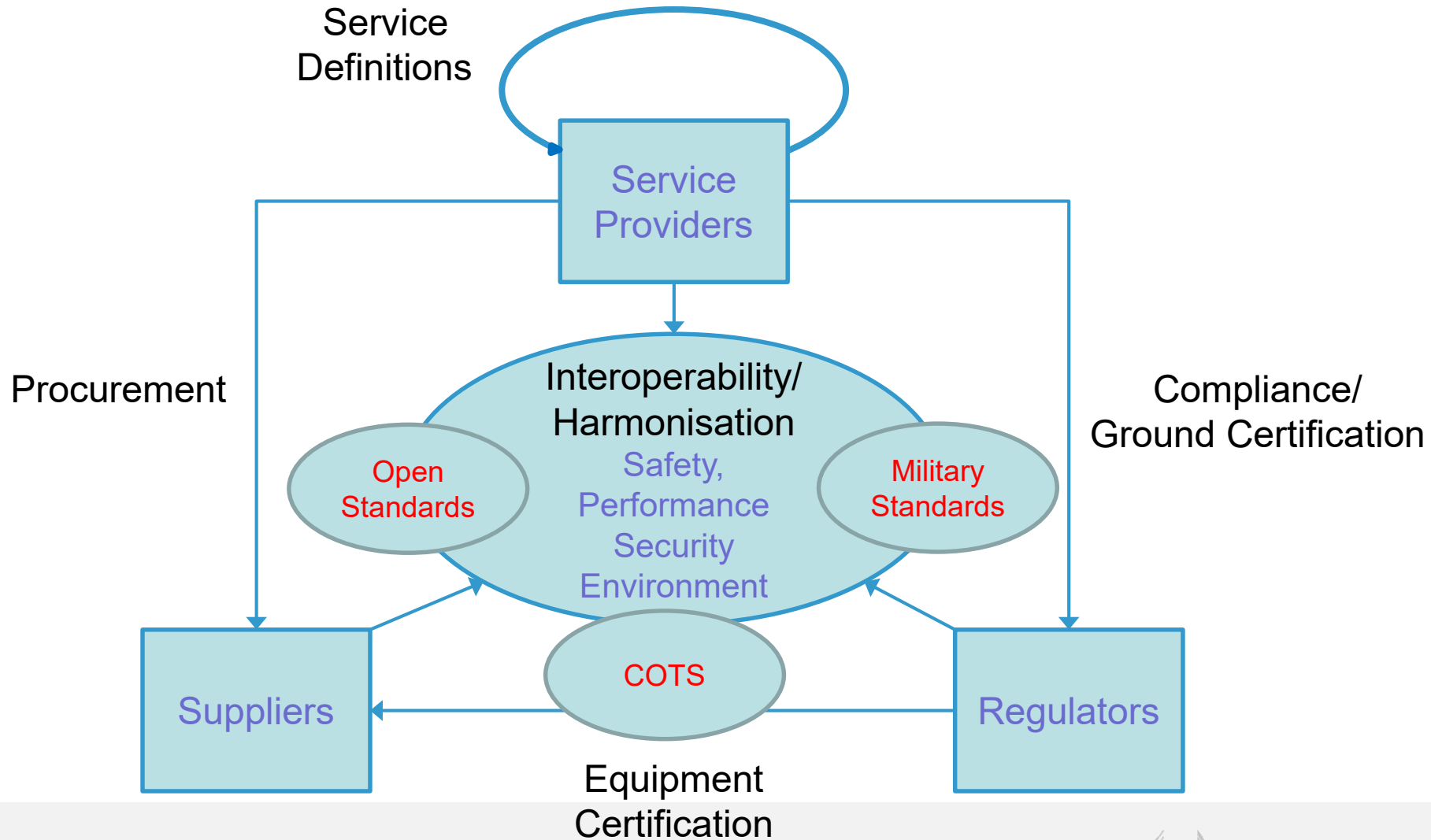
A service-oriented architecture requires a new emphasis on a common way of describing services...



The EASA framework for 'ground certification' will introduce equipment certification...



The new architecture supports inclusion of Open Standards, COTS and recognition of military equivalence reducing costs



How large an evolution for Standards?

- Standards need to reflect this new focus
- The basic harmonisation/compliance/procurement roles of standards would not necessarily change
 - Is it just the subject matter that would need to change?

New ways of working?

- An enhanced R&D to deployment lifecycle
 - Prioritise the standardisation of essential enablers
 - Integrate end-to end standardisation process
 - Able to far better anticipate standardisation needs and to tailor approaches
- New certification and compliance frameworks
 - Adapt existing standards and processes
 - The need to build trust between the new entities
- Greater efficiency
 - Coordination by EASA of the European standardisation collaboration process
 - Identify and adapt relevant non-aviation-specific standards

The importance of collaboration

