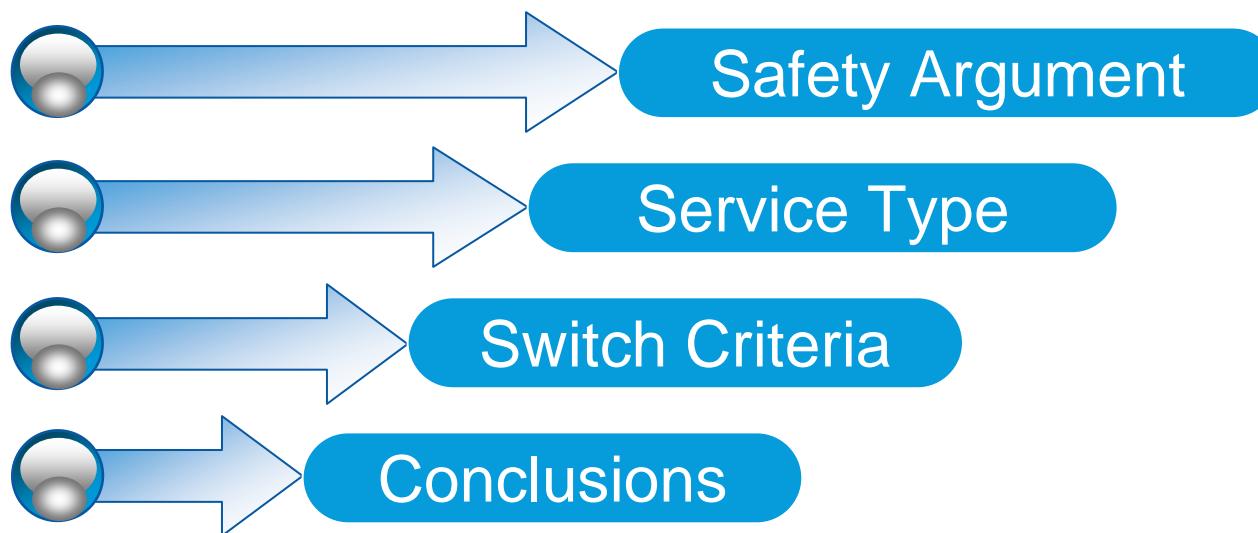


# *Safety Aspects of ANS Contingency*

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WS 3-08 Contingency Planning



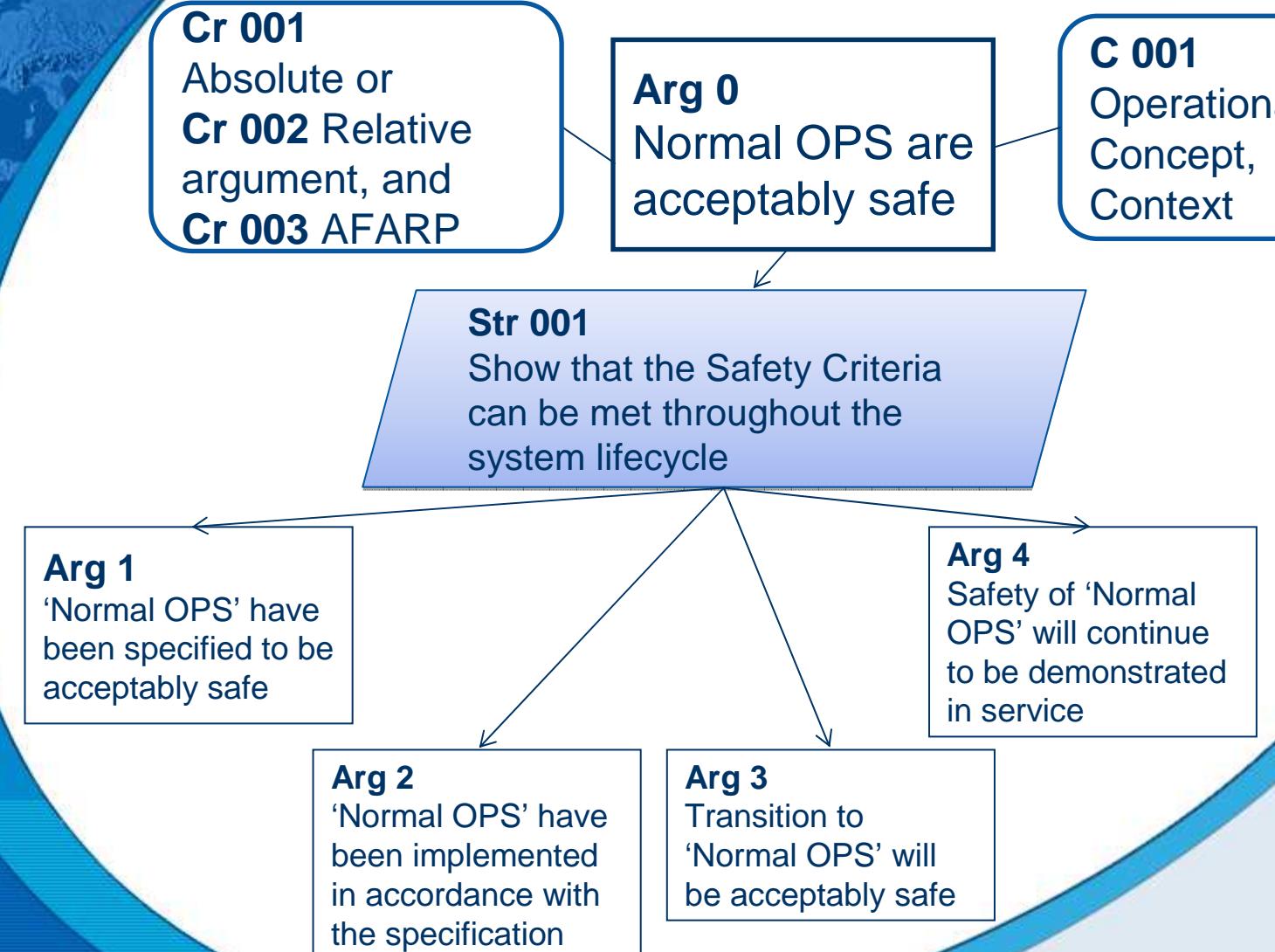
# Safety Aspects of ANS Contingency



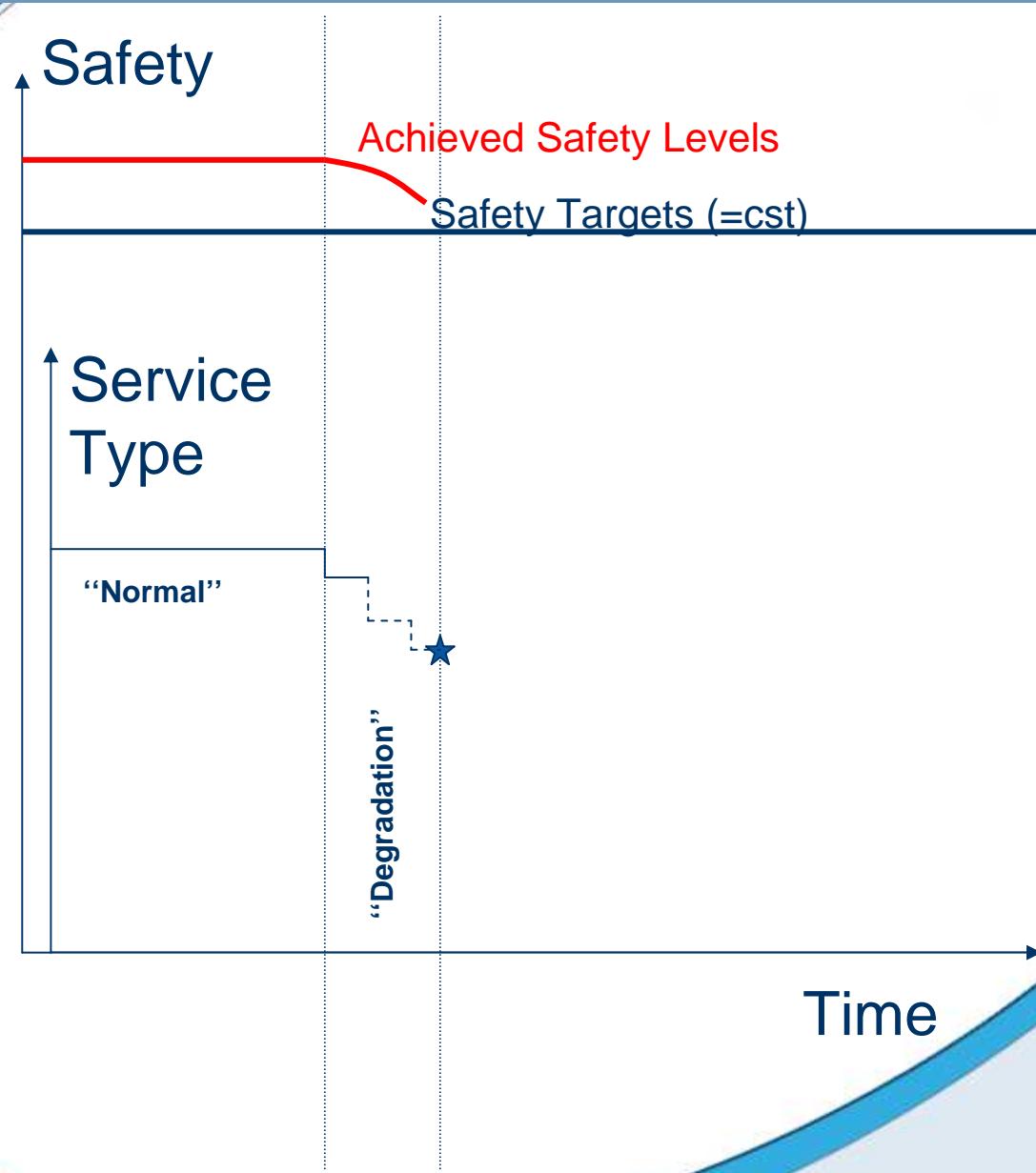
# The Safety Argument

- What is a Safety Argument?
- Why do we need one?
- How do we produce it?
- What is the Success and Failure Case?

# « Normal OPS » Safety Argument



# Service Type and Safety (1)



# Criteria for Switch to 'Service Continuity' Mode

- When is 'Normal OPS' no longer safe or viable?
- How will we know?
- Who decides to switch?
- Are there procedures in place for the switch?

## Service Type and Safety (2)



# « Service Continuity OPS » Safety Argument (1)

**Cr 002** Relative argument,  
**Cr003** AFARP

**Arg 0**  
'Service Continuity OPS' are acceptably safe

**C 001**  
Operational Concept, Context

**Str 001**  
Show that the Safety Criteria can be met during 'Service Continuity OPS'

**Arg 1**  
'Service Continuity' OPS have been specified to be acceptably safe

Cr002  
(and  
Cr003)

**Arg 2**  
'Service Continuity OPS' have been implemented in accordance with the specification

Cr002  
(and  
Cr003)

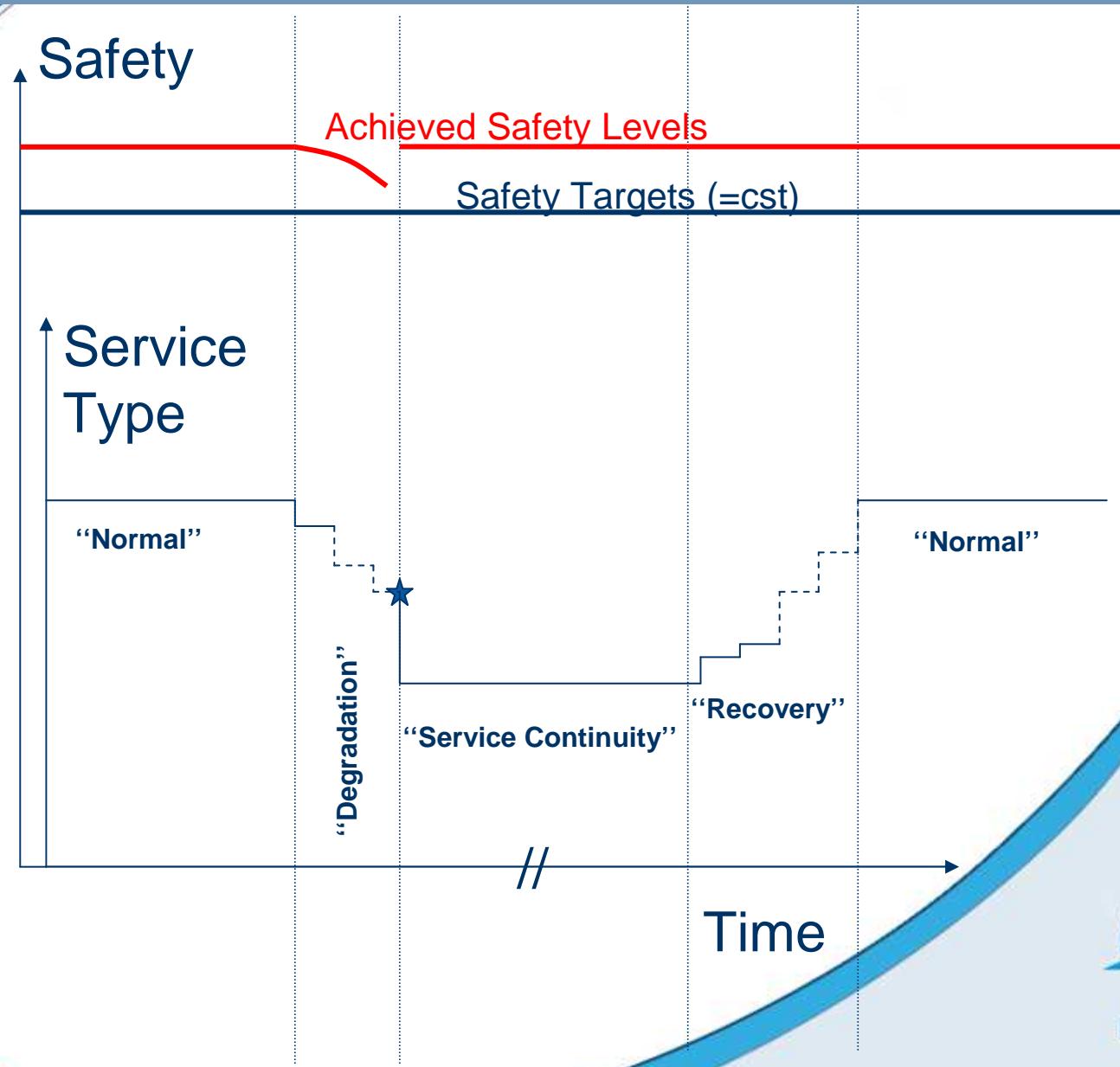
**Arg 4**  
Safety of 'Service Continuity OPS' will be demonstrated in service

Cr002  
(and  
Cr003)

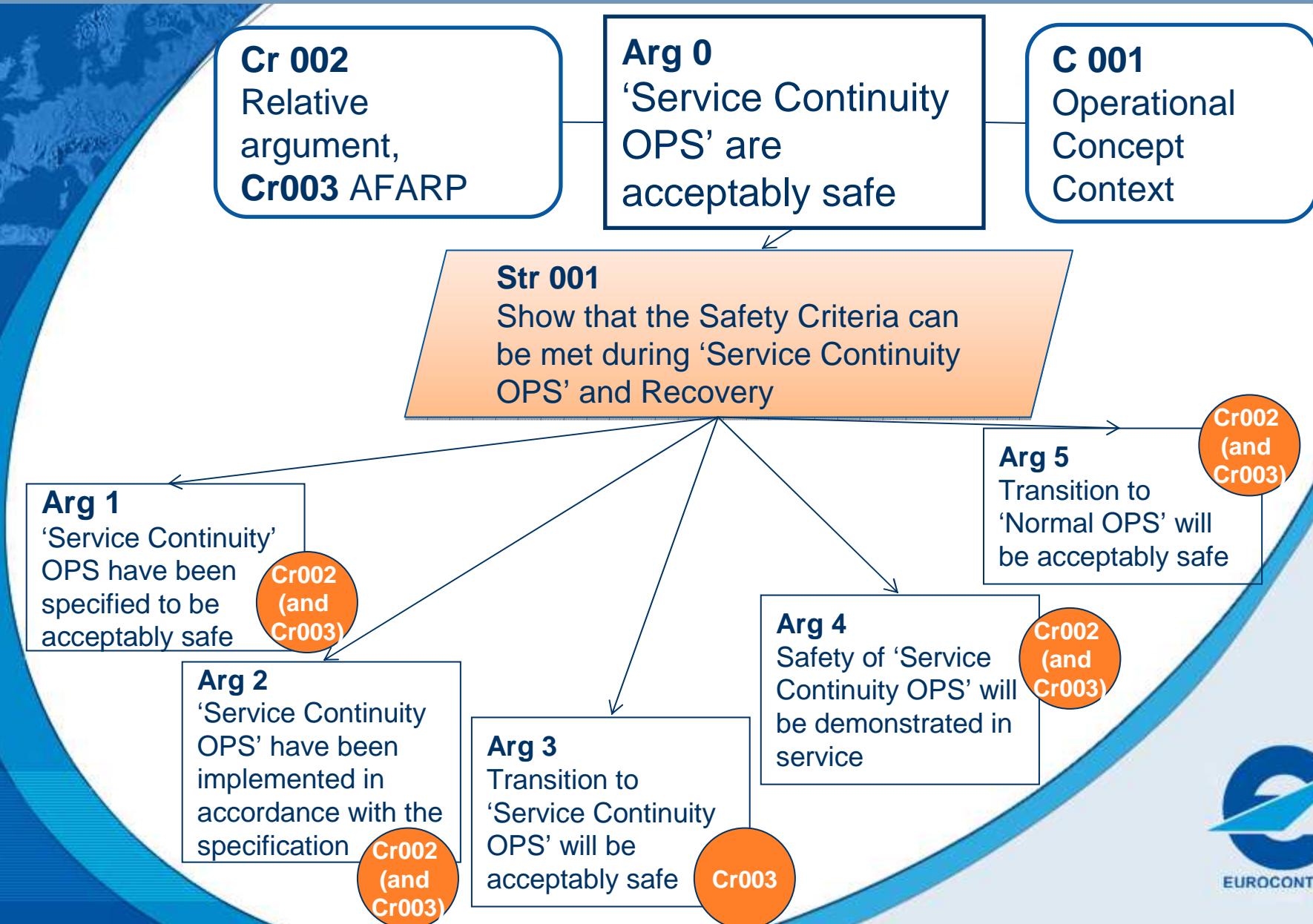
**Arg 3**  
Transition to 'Service Continuity OPS' will be acceptably safe

Cr003

## Service Type and Safety (3)



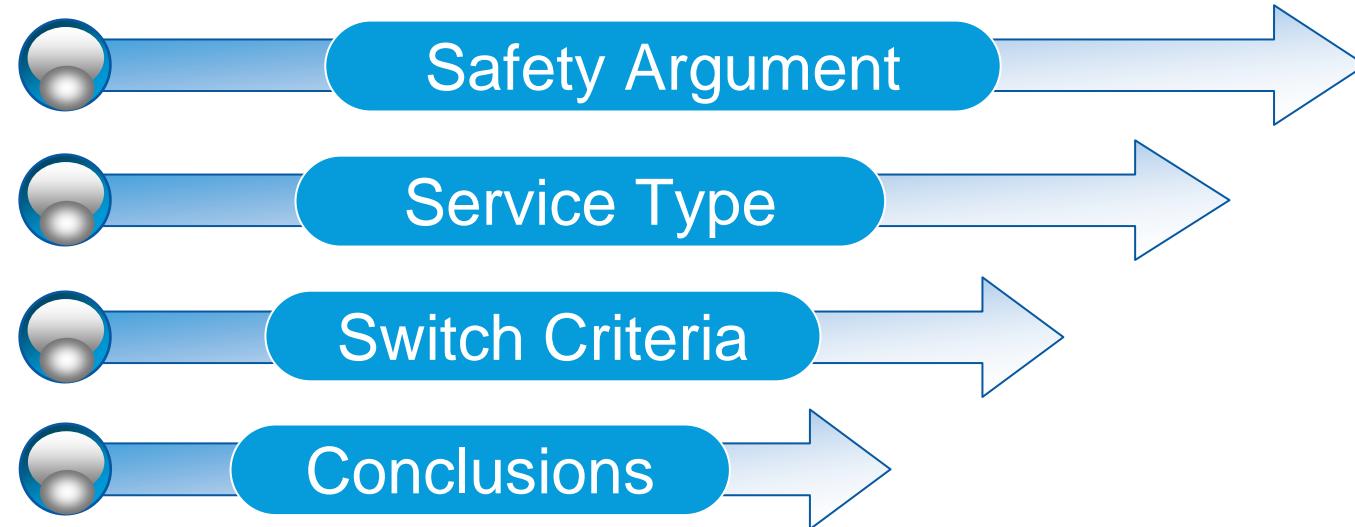
# « Service Continuity OPS » Safety Argument



# Conclusions

- Safety Argument relies on a defined OPS concept
- Essentially the same type of Safety Argument for 'Service Continuity OPS' as for 'Normal OPS'
- Some criteria for making the decision to switch to 'Service Continuity' OPS to be established
- Training of supervisors to apply best judgment

# Safety Aspects of ANS Contingency





Thank you for listening...



Questions

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