



# Validation of TTCN

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TP-000164 (T1-000226)

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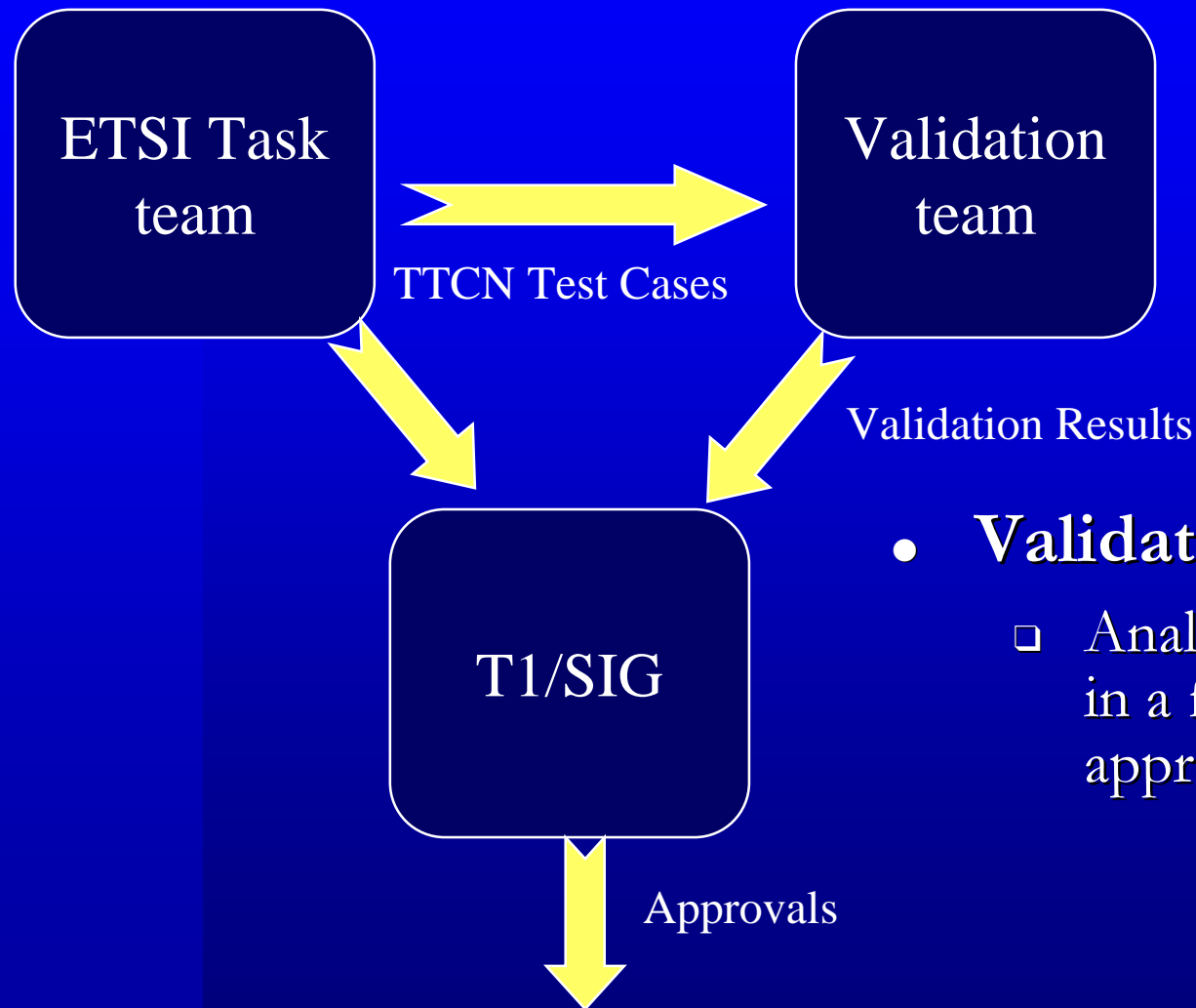


# Validation issues

- Availability of platforms for validation
- Confidentiality of participants in validation teams
- Geographic distance of participants
- Complexity of reviewing results of validation
- Early nature of equipment and changes to core specifications

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# Work of validation teams



- **Validation Results**

- Analysis of test cases in a form that can be approved by T1/SIG



# Validation results

- **TTCN is difficult to approve due to its specialised nature**
- **Results of validation could be presented in more easily visualised forms**
  - Message Sequence Charts
  - Signalling Logs
  - Annotated TTCN logs
- **Validation reports should be at a high enough level not to give away IPR of participants**

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# Possible problems in Test Cases

- Errors in TTCN
- Errors in Prose test case
- Errors in the SS and/or UE
- Differences in core spec versions between the test case and the test platform
- Differences in core spec versions between the SS and the UE

**Early validation will need high level of support  
from ETSI**

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## Proposal for confidential operation of Validation Teams

- **Each team will have an convenor, who will be the public representative of the team**
  - Other members of the team may choose to have their involvement declared or undeclared (with the consent of existing members)
  - Only the convenor is required to be declared
- **Format and content of validation reports is at the discretion of the team members**
- **Typical team may be UE manufacturer + SS manufacturer, but any configuration is acceptable providing the team has the capability to run the test cases**
- **T1 members may participate on more than one team**

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# Validation Teams

- Anritsu volunteers to convene Validation Team A.
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