# SA WG3 Status report for FS_eNPN_Ph2_SEC

**Christine Jost**
**Ericsson**

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# FS_eNPN_Ph2_SEC Status

## TR 33.858 v0.5.0 Summary

| Key Issues | Solutions | Conclusion status |
|---|---|---|
| Security of non-3GPP access for SNPN | Solutions on<br>• untrusted non-3GPP access<br>• trusted non-3GPP access<br>• NSWO<br>• N5CW devices<br>available | Conclusions on<br>• untrusted non-3GPP access<br>• trusted non-3GPP access<br>• NSWO<br>• N5CW devices<br>Only minor issues captured in Editor's Noted |
| Authentication for UE access to hosting network | Solutions available | Conclusion: Existing methods can be used, Editor's Note on additional security methods. |

## Summary normative work

Work item agreed at SA3#110 (Se-231573). Objectives on untrusted non-3GPP access, trusted non-3GPP access, NSWO, N5CW devices.

**SA3#110adhoc-e**
Apr 17-21, 2023
• Start normative work
• Finalize conclusions

**SA3#111 Berlin**
May 22-26, 2023
• Normative work
• Clean up TR.

**SA3#112 Gothenburg**
Aug 14-18, 2023
• Finalize normative work

SA3#110 Athens (GR) February 20-24, 2023

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# FS_eNPN_Ph2_SEC Status

## Overall plan

- **SA3#110adhoc-e  (Apr 17-21, 2023)**
  - Skeleton for draftCRs (untrusted non-3GPP access, trusted non-3GPP access, NSWO, N5CW devices) made available before the meeting.
  - Agree on first draft (baseline) of the procedures for untrusted non-3GPP access, NSWO (three sub-cases), N5CW devices.
  - Trusted non-3GPP access: decide about open question (key identification)
  - Finalize conclusions in the study (remove Editor's Notes in the conclusions of KI#1 and KI#2)

- **SA3#111 Berlin (May 22-26, 2023)**
  - Agree on first draft (baseline) of the procedure for trusted non-3GPP access
  - Continue working on the draftCRs for untrusted non-3GPP access, NSWO, N5CW devices.
  - Access to hosting network for providing localized services: include short informative description in TS 33.501 (CR).
  - Clean-up of TR: remove any remaining Editor's Notes, EditHelp, send TR for approval.

- **SA3#112 Gothenburg (Aug 14-18, 2023)**
  - Finalize normative work.
  - Transform draftCRs to CRs

# FS_eNPN_Ph2_SEC  status after SA3#110

| UID | Name | Acronym | Rel | WG | Target | Old % | New % | Change or comment |
|---|---|---|---|---|---|---|---|---|
| 960033 | **Study on security aspects of enhanced support of Non-Public Networks phase 2** | **FS_eNPN _Ph2_SEC** | Rel-18 | S3 | Mar-2023 | 60% | 78% | TR 33.858 |

**General**

- TR 33.858 v0.5.0 contains two key issues. Both are mainly concluded. Minor open issues are captured in Editor's Notes of the conclusions.
    - Key Issue #1: Security of non-3GPP access for SNPN:
        - Conclusions on
            - » untrusted non-3GPP access
            - » trusted non-3GPP access
            - » NSWO
            - » N5CW devices
    - Key Issue #2: Authentication for UE access to hosting network
        - Conclusion: Existing methods can be used. Editor's Note on additional security methods.

**Dependencies:**

- none

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# FS_eNPN_Ph2_SEC status after SA3#110

- **Contentious Issue**:
  - None

- **Focus for the Next Meeting (April)**:
  - See overall plan (slide 3)

- **Overall Plan**:
  - See slide 3

- **Risks:**
  - None

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