

# SA WG3 Status report for FS\_Ranging\_SL\_Sec

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# FS\_Ranging\_SL\_Sec Status



## Overall plan

- August meeting:
  - Agreed on a new key issue for Protection of Direct Communication
  - Start to add solutions for key issues (**but blocked due to dependency on SA2 conclusion**)
- October meeting:
  - Last meeting to add/update key issues, based on the progress after SA2's August meeting
  - Start to add solutions for key issues
- November meeting:
  - Updated KI#2 and KI#4 to be aligned with SA2 conclusion
  - Updated existing solutions (sol#1, sol#2) by resolving editor's notes
  - Added new solutions for KI#1 & KI#4
  - **Many contributions on solutions were not treated**
- January meeting:
  - Last meeting to add new solutions and update existing solutions as needed
  - Add solution evaluations
- February meeting:
  - Add conclusions for key issues
  - Agree on WID
- April meeting:
  - Start normative work
- May meeting:
  - Finalize normative work

# FS\_Ranging\_SL\_Sec Status

## TR 33.893 Summary



| Key Issues   | Solutions                  | Solution status                                      |
|--|----------------------------|--|
| Privacy protection for Ranging/SL Positioning services | Sol#1, Sol#7, Sol#8        | Evaluated with EN                                    |
| Authorization for Ranging/Sidelink Positioning Service | Sol#2, Sol#3, Sol#4, Sol#5 | Sol#2, Sol#3 evaluated<br>Sol#4, Sol#5 not evaluated |
| Protection of discovery procedure                      | None                       | N/A  |
| Protection of direct communication                     | Sol#6, Sol#7               | Sol#6 not evaluated<br>Sol#7 evaluated with EN       |
|  |                            |  |

SA3#107 Adhoc-3  
Jun27-July1st 2022  
• Three Key Issues

SA3#108  
Aug 22-26, 2022  
• Four Key Issues  
• No solution

SA3#108 Adhoc-e  
Oct 10-14, 2022  
• 6 solutions added

SA3#109  
Nov 14-18, 2022  
• Existing KIs updated  
• Existing solutions updated  
• New solutions added

SA3#109-bis  
Jan 16-20, 2023  
• New solutions to be added  
• Existing solutions to be evaluated

# FS\_Ranging\_SL\_Sec status after SA3#109



| UID    | Name  | Acronym                  | Rel    | WG | Target   | Old % | New % | Change or comment |
|--------|---|--------------------------|--------|----|----------|-------|-------|-------------------|
| 960036 | <b>Study on Security Aspects of Ranging Based Services and Sidelink Positioning</b> | <b>FS_Ranging_SL_Sec</b> | Rel-18 | S3 | Mar-2023 | 20%   | 40%   | TR 33.893         |

## General

- TR 33.893 v0.4.0 contains 4 key issues and 8 solutions

## Dependencies:

- SA2 work after Nov. (#154e): TR 23.700-86 v1.1.0, completion rate 85%, WID established (pending email approval)
- Next SA2 meeting Jan. (ad-hoc): Conclusions to be completed, normative phase to be started

# FS\_Ranging\_SL\_SEC status after SA3#109



- ➡ **SA2/RAN impacts and dependencies:**
  - None for RAN
  - Dependencies on SA2 conclusion completion for SA3 solution development
- ➡ **Contentious Issue:**
  - Possibly technical contentious issue on role authorization
- ➡ **Focus for the Next Meeting (Jan.):**
  - Add new solutions for 4 KIs (**No new KI to be discussed**)
  - Resolve ENs and add evaluation for the existing solutions
- ➡ **Overall Plan:**
  - See slide #2
- ➡ **Risks:**
  - SA3 timeline delayed due to SA2 Ranging delay
  - SA3 timeline delayed due to too many untreated contributions at #109
  - **Exception may be requested according to the current progress**