

# Issues with SPC+ID approach

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# Authentication of Enterprise

- Current proposal assumes that the SP will pass the credentials of the PA account to the enterprise
- This is generally not a very secure practice, we generally want the client to generate the authentication credentials directly
- Issue here is how does the Enterprise prove to STI-PA that they are the customer of the SP and can be associated with an SPC

# Who pays? Who controls security? Who can GA/PA enforce?

- In certificate delegation model, the customer model is clear
  - The TN provider is the sole provider of all security, API services, and certificates to the enterprise (one stop shop)
- In SPC+ID model
  - The Enterprise needs to pay, authenticate, and interface with three different services
    - STI-PA
    - STI-CA
    - TN provider
- Will GA policy want to apply policy to enterprises (or any entities they/FCC can't enforce)?

# New industry database

- The new enterprise ID to SPC mapping will need to be stored in either
  - Updating the NPAC
  - Creation of new industry database
- Do we want to go down this road?
- If so,
  - Verification of SPC->Enterprise ID mapping and TN mapping to SPC will be two separate queries
  - RCD can't be tied to a particular TN
  - Direct TN mapping is not possible in general