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