

# CMU - Michael Gettes Proposal

CMU/Michael Gettes  
Version 1.0

Actor = Person to be Identity-Proofed

Proofer = Doh! Could be any full-time CMU staff person appropriately authorized? Could be Help Center staff?

It is assumed the Actor has already been issued an Andrew ID - or must we define this process too?

1. Actor and Proofer agree upon method of Video Conference (FaceTime, Google Voice Video, Skype, others?)
  - a. Actor independently obtains physical FOB or downloads soft FOB
2. Proofer independently accesses ID-Proof Web App in a "Proofer" role
3. Proofer establishes VC with Actor.
  - a. It is most optimal if someone the Proofer knows is with the Actor as a "chain of custody".
4. Actor presents to Proofer Official Photo ID - holding it up to the camera.
  - a. Proofer verifies photo matches actor's face
  - b. Proofer records ID Type, Issuer, ID number into ID-Proof Web App
  - c. Actor provides AndrewID - Proofer validates AndrewID matches Actor
  - d. Possibility of obtaining digital photo capture of Actor in VC
  - e. If a "custodian" (see 3a) is present, record custodian AndrewID.
5. Process FOB
  - a. Proofer records Actor's FOB # and AndrewID into ID-Proof Web App
  - b. Proofer enables Actor's FOB
  - c. Proofer sends email (AoR) to Actor with ID-Proof Web App URL and other info
6. Actor verifies authentication and access
  - a. Actor accesses ID-Proof Web App and login as normal user
  - b. Actor authenticates using Shib SSO and then uses FOB authN on ID-Proof page.
  - c. Actor is presented with a 6 character KEY
  - d. Actor reads KEY to Proofer
  - e. Proofer validates the Actor's KEY with KEY on Proofer's ID-Proof page.
  - f. repeat a-d until success
7. Proofer approves Actor in ID-Proof Web App
8. End Video Conference
9. Proofer authorization
  - a. If Proofer has privilege to authorize then modify accordingly.
  - b. If not (9a) then Proofer notifies official authorizers ID-Proof steps completed and provides AndrewID and Name to Authorizers. Authorizers modify accordingly.

Done.