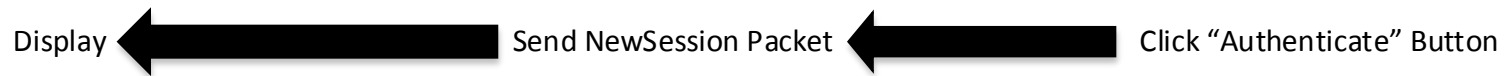


Embed

CLI

GUI



1. New ID

2. Existing



Find open ID  
Enroll ID



Call Identify on  
GT511

On success,  
Return ID

On failure,  
Display error to user  
Return status to CLI

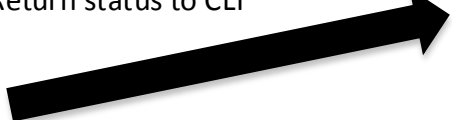


Write ID or status  
code to file



Read file  
Continue or notify user

Return ID to CLI



Embed

CLI

GUI

If ID not expired,  
Update time stamp  
return success.

Otherwise,  
Return failure.

Send RefreshSession packet

Write to file

Click "Refresh Session"  
button

Read file  
Notify user



Embed

CLI

GUI

Read fingerprint template  
From GT511  
Run Crypto Hash function  
Return message digest

Send GetFileKey packet

Click "Encrypt" OR "Decrypt"

Use message digest as key  
To encrypt/decrypt the  
specified files

Update file with status  
updates/errors

Read file, update GUI

