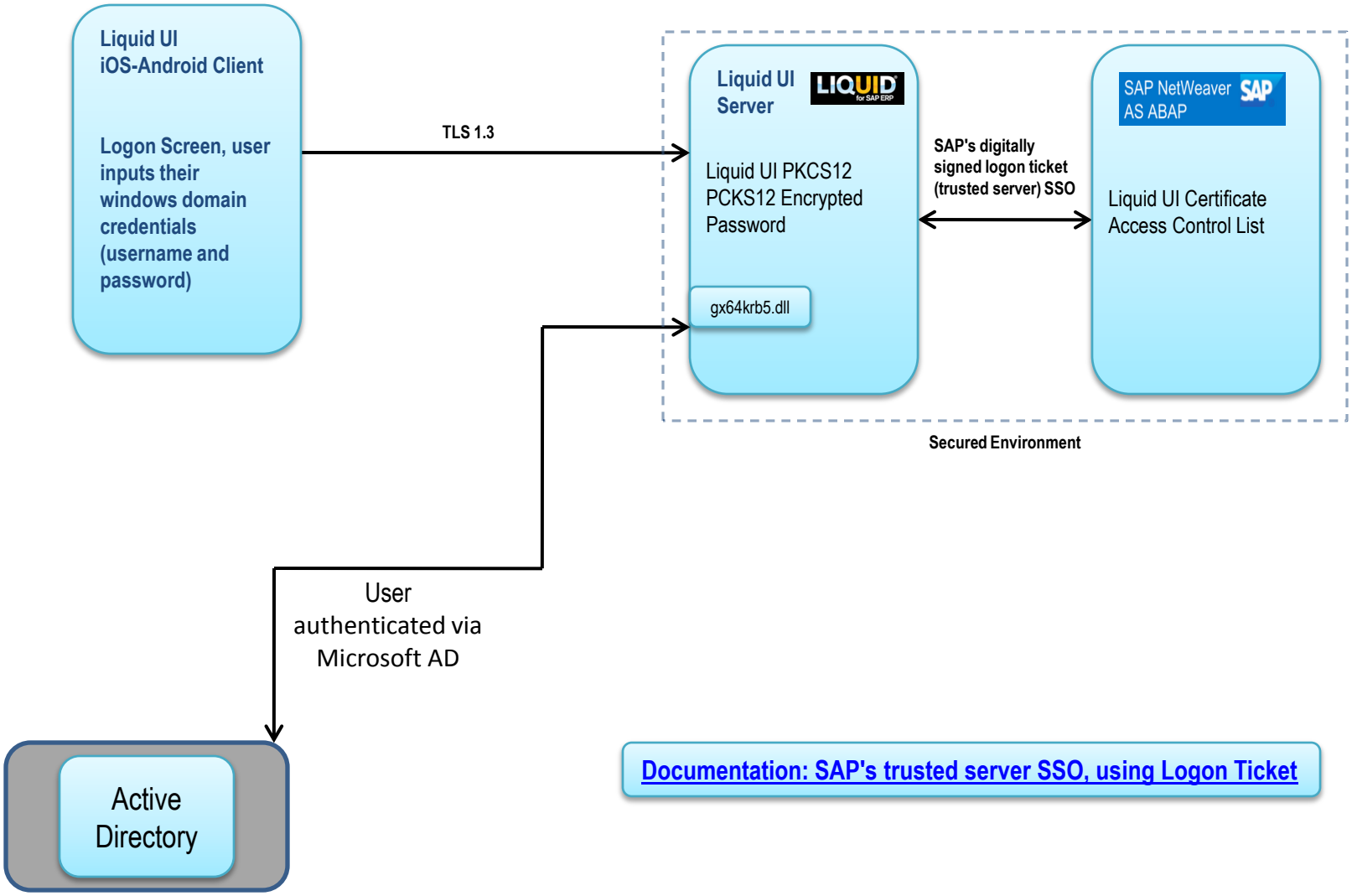
LiquidUI - SAP NetWeaver AS ABAP SSO

Workflow for iOS an Android Clients



SAP Communication Channels

- This Diagram shows the connection from Liquid UI iOS-Android Clients to LUI Server secured using TSL 1.3
- From LUI Server to SAP ECC, connection is established as SAP's trusted server SSO, using SAP’s digitally signed Logon Ticket.
  - Documentation for this protocol is documented here: https://help.sap.com/saphelp_nw73/helpdata/en/4e/16c7b1b84a1a27e10000000a42189e/frameset.htm
- On both ends of the Server the connections are secured. One via TLS 1.3 and the other via Trusted Server Logon Ticket.

Trusted Server Connection (MYSAPSSO2)

- Trusted Server Connection to SAP ECC is compressed, and the SAP ECC Kernel does not support further encryption. This SAP Native protocol is not https traffic.
- Synactive recommends the LUI server be placed close to the SAP ERP Server to the maximize the optimizing feature as well as to ensure security.
- Furthermore, the trust relationship established between LUI Server and SAP ECC ensures that no 3rd party can access this Trusted Server Channel.
- Trusted Server Connection is needed not only in the Desktop mode, but it is a necessity in the Mobile environment, where there is no Kerberos SSO. Connection to LUI Server from the Mobile device is protected by TLS 1.3.