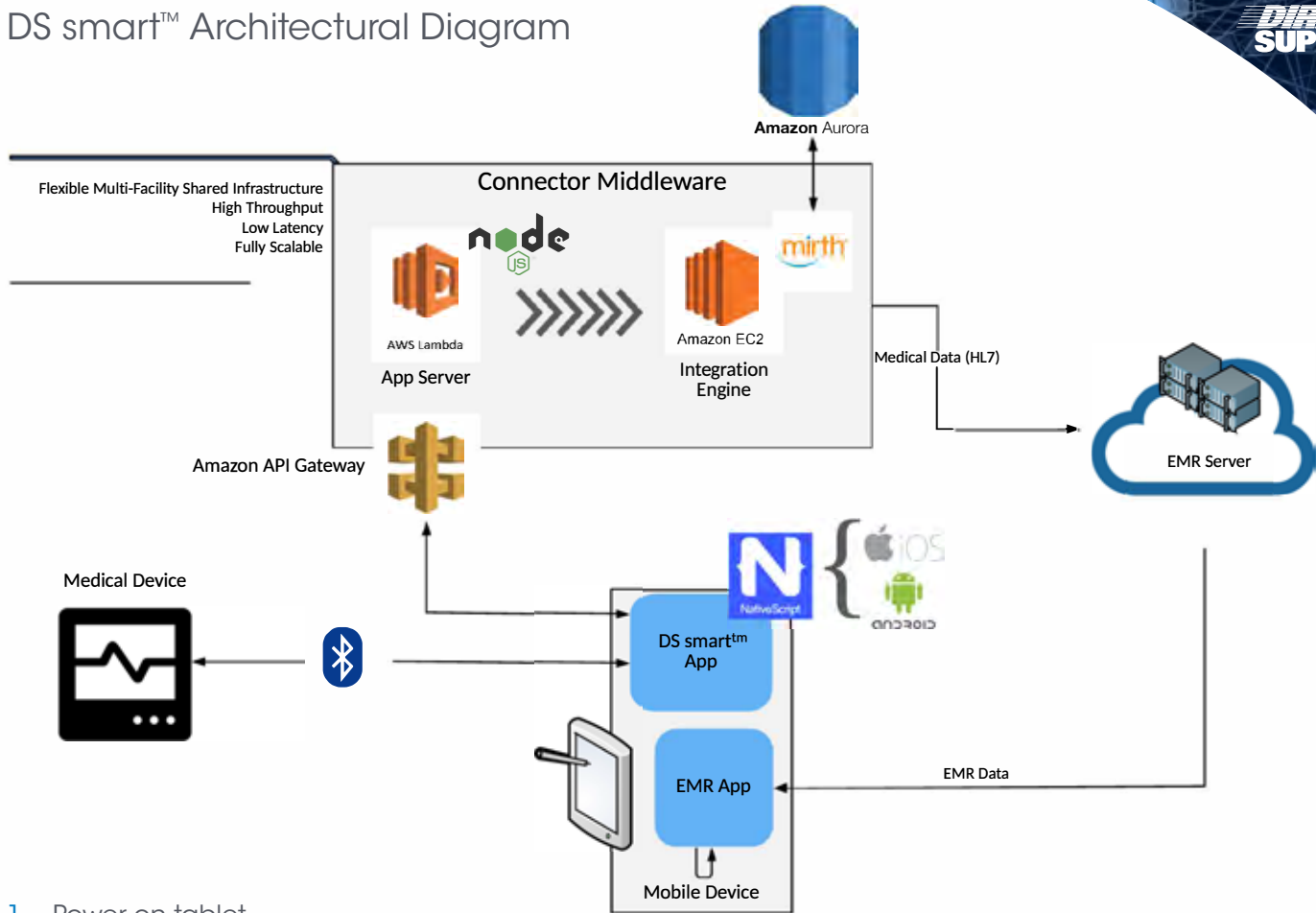


DS smart™ Workflow Steps

DS smart™ Architectural Diagram



1. Power on tablet.
2. The first time a tablet is powered on, it will need to be connected to a network in one of two methods:
 - a. Wi-Fi (Port 80 will be needed for communication)
 - b. Inserting a SIM and enabling LTE service
3. Direct Supply's MDM solution will automatically:
 - a. Limit what applications can be applied to the tablet
 - b. Install the DS smart application
4. Upon connecting the DS smart authorized medical device via Bluetooth, the DS smart application will launch automatically.
5. The caregiver logs in using his or her EMR login credentials. The login process is done directly with the EMR servers. Authorization IDs are generated during the login process and saved only for the current session to be used for transmitting data between the DS smart platform and the EMR servers (caregivers will need to have permission to send and write data to EMR).
6. As caregivers receive readings from the DS smart enabled medical device, data will be encrypted at rest. If the tablet does not have an active data connection (Wi-Fi/LTE), clinical data will be buffered until the connection is re-established or the user session times out.
7. Data is transmitted to the connector middleware, where it will remain encrypted in a HIPAA-compliant environment utilizing AWS's Mirth Architecture until it reaches the EMR server.
8. Once data is successfully transmitted to the EMR server, all resident-identifiable information is removed.