**Break Out Discussion (LEO/Policy/Usability)**

January 29, 2014 -- E2E VIV Workshop

Notes from Dean Logan

**Define the end user**: Remote Voters (broad definition)

-- Military Deployment (short/long term) (in country/overseas)

-- Civilian Overseas Deployment (short/long term)

-- Students (in country/overseas)

-- Missionary Service

-- First Responders

-- Short term/Unscheduled Deployment

-- Short term/Unscheduled Local Absence from assigned location

**Policy Concerns**: isolation/segregation; relatively short/complete voting period; lack of uniformity of canvass periods and scope; audit ability (voter level) of paperless systems; ease of ability (voter level) to verify using cryptography; registration barriers (first time voters, etc.); voter authentication limitations/instability (i.e. signature match); single points of vulnerability (i.e. local vs. state responsibility)

**Policy Ideas**: authorization of multi-modes (including electronic/paperless) of issuing, marking and submitting ballots; protocols based on post-certification verification and results modification; pre-marked sample ballots options; automatic registration models; interstate data matching; enable passport validation for voter registration/voting purposes.

**Usability Concerns**: lack of options (technical access limitations); access and transit issues associated with limitation to exclusively paper-based solutions

**Usability Ideas**: Democracy Live/Everyone Counts model of online marking/2D barcodes; uniform ballot design standards; common data formats; COTS adaptability.