SCOUT Operational Update and Feedback

Topic: Synchronization and Collaborations.
Updated: September 27, 2019

Synchronization and Collaborations

User Connection	Status	Issue
Cellular 3G	Partial Functionality	End-user moves back into 3G and 4G, SCOUT sends the user's off-line contributions to the server, and other clients pick up this data. Because of low connectivity, refreshes can be slow. The individual that moved out of mobile connectivity does not receive all contributions made by other users
Cellular 4G	Partial Functionality	End-user moves back into 3G and 4G, SCOUT sends the user's off-line contributions to the server, and other clients pick up this data. Because of low connectivity, refreshes can be slow. The individual that moved out of mobile connectivity does not receive all contributions made by other users
Hard Line T-1	Functional	
Combination of users groups Cellular 3G 4G Hard Line T-1	Partial Functionality	End-user moves back into 3G and 4G, SCOUT sends the user's off-line contributions to the server, and other clients pick up this data. Because of low connectivity, refreshes can be slow. The individual that moved out of mobile connectivity does not receive all contributions made by other users

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Synchronization and Collaborations Technical Update

Connection Type	Root Cause Analysis	Optimal/Alternative Workflow
Cellular 3G	1. WebSocket connection between the client and server fails and is irreparable 2. Coding defect has been identified 3. Chat sessions are out-of-sync once connectivity is restored 4. Loss of connection indicator sometimes does not work.	Currently under repair and testing, There is no current work around.
Cellular 4G	1. WebSocket connection between the client and server fails and is irreparable 2. Coding defect has been identified 3. Chat sessions are out-of-sync once connectivity is restored	Currently under repair and testing There is no current work around

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Operational Functioning Tools Update

Tool	Status	Optimal/Alternative Workflow
Drawing	Partially Functioning	Operational - May lose data in low to no cellular bandwidth
Maps **Map Tools** **Layer/folders**	Functioning	Operational
Data **Data Folders**	Functioning	Operational
Weather **Weather Folder**	Functioning	Operational
Tracking **Tracking**	Functioning	Not all jurisdictions AVLs are currently updated or currently participating
Tools ▾	Functional	Operational