

LOCATION MONITORING

Understanding the differences in GPS data collection and reporting

Agencies now have many smartphone-based options to help ensure they use the appropriate accountability approach for each risk level. When evaluating solutions to use for accumulating and reporting GPS data, it is important to match the location tracking capabilities with each individual's risk level.

		Third party owned phone: provided to the participant and includes control features and anti-tamper functions	Bring your own device (BYOD): an app downloaded to the participant's personal phone
	GPS Accuracy Errant point reconciliation	Includes programming to filter out erroneous GPS points	Subject to unreliable GPS points. All phones experience some degree of GPS point inaccuracy. Older and lower-quality phones experience an increased frequency of imprecise GPS points
	GPS Availability Data exchange on and available	Has control measures to prevent the phone from turning off	Dependent on owner's use practices – owner can turn off the phone at any time, which terminates GPS reporting
	GPS Reliability Participant's actual real-time location	Can be paired with a Bluetooth tether to ensure the phone is with the client at all times. This means the phone's GPS data reflects the participant's actual location	With only periodic verification methods (voice verification, photo verification, etc.) there is no assurance the participant has their phone with them. This means there is no guarantee a GPS point represents the participant's true location
	GPS Manipulation Data purity protection	Includes GPS spoofing app detection and reporting	Subject to manipulation if owner downloads apps or software designed to generate false GPS points
	GPS Data Collection Active data collection and reporting	Includes measures that prevent the GPS tracking app from being deleted from the phone	Owner can delete the GPS tracking app from their phone at any time
	GPS Disablement GPS setting control	Includes measures that prevent the GPS tracking function from being turned off	Owner can turn off the phone's GPS function at any time
	GPS Functionality Managed phone service	The vendor manages all cellular and data plans	Dependent upon the owner's cell phone/ data plan package and the owner keeping payments current

Corrisoft can provide both options with the AIR Mobile smartphone and the AIR Check-In app. For more information about which solution is right for your agency, contact Corrisoft at 800.247.2938