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It is broke, so fix it.

Monitoring of justice involved in the community

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You hear it all the time, "We have always done it this way" or "If it is not broken, don't fix it." It is easy for organizational leadership to rely on legacy practices, or the current way of doing things, because it requires no effort. Effecting good positive change to an organization requires effort by those trying to impact the change. However, companies that are reluctant to adapt to innovation or are afraid of change cannot succeed. Fear prevents many organizations from acting or implementing change.

Ankle monitoring devices were first introduced in the 1960's to offer positive reinforcement to juvenile offenders. They came into use widely by the justice system in the 1980s and 1990s for monitoring offenders. Sadly, ankle monitoring technology has not advanced significantly since that time, while the use of ankle monitors has grown exponentially with limited research into the viability of the devices in reducing crime or recidivism. Ankle monitors are utilized punitively with very minimal positive reinforcement or reduction of monitoring for compliance. While ankle monitors may appear to be preferable to the placement of offenders in prison or jail, they do not address systemic issues surrounding the reasons for the incarceration.

Recent articles highlighting the failures of traditional GPS Ankle bracelets exposes not only technology limitations with the devices but also an inability to effectively monitor the devices. Due in large part to a lack of supervision officers (resources) needed to provide effective monitoring of traditional GPS devices:

https://www.washingtonexaminer.com/restoring-america/fairness-justice/dhs-begins-tracking-migrants-through-phones-after-losing-track-of-50-000/

https://www.jsonline.com/story/opinion/contributors/2018/03/08/wisconsin-doubles-gps-monitoring-despite-big-problems/395517002/

https://www.nbcnews.com/tech/tech-news/incarcerated-home-rise-ankle-monitors-house-arrest-during-pandemic-n1273008

https://www.grid.news/story/politics/2022/01/26/a-year-after-bidens-executive-order-on-private-prisons-business-is-still-booming/

It is simply not practical to assign supervision officers to monitor the data provided from traditional GPS ankle bracelets, enter sufficient inclusion and exclusion zones, and to respond to non-compliance alerts based on agency specifications. Therefore, agencies rely on monitoring centers and minimal compliance restrictions to supervise their clients, which is un-dependable and insufficient to provide effective accountability, case management, and does not address community safety concerns.

The use of ankle monitors provides for stigmatization of the individual forced to wear one, immediately identifying them as someone involved with the criminal justice system. Ankle monitors create conditions for people

to be shunned, spoken to disrespectfully, or otherwise treated in a negative manner. Conversely, smartphones provide an interactive multi-modal means of communication, accountability, assessment, and program delivery utilizing a tool that is undiscernible from all other smartphones currently in use by the majority of population today.

However, despite the stigma and failures of the GPS ankle bracelets, agencies remain reluctant to fully embrace smartphone technology and adopt the monitoring concept. Arguably, it appears this reluctance is based on several reasons.

(1) Agency decisions to utilize GPS devices over smartphone technology is very much influenced by security and accountability fears. This same fear was also an obstacle to the initial utilization of GPS devices at its inception, but despite that fear, the trend for GPS utilization continued to grow, with no research and/or studies showing any increased accountability or safety. TRACKtech's TRACKphone check in compliance rate with the existing RRC pilots is 98%, leaving only 2% of offenders non-compliant requiring intensified more traditional in-person supervision strategies. Furthermore, smartphone technology provides increased accountability during vulnerable offender risk areas such as during travel times and approved passes. GPS devices will show compliance and/or noncompliance with whether an offender left "point A" and arrived at "point B" as scheduled with no interaction with the offender during such time. TRACKtech smartphone technology includes a tether, that alleviates the concern of an offender "walking away from the smartphone" and offers features allowing an officer or case manager to interact and engage with the offender during such travel and passes, and can provide more precise location monitoring for any deviation of travel. Additionally, Tracktech LLC smartphones includes a unique calendaring feature that provides more efficient geofencing, scheduling, and pass creation and monitoring.

(2) Cost continues to drive agency decisions to avoid smartphone utilization. Many agencies simply compare the costs GPS devices to the slightly higher cost of smartphones without considering the possibilities of cost savings that can be achieved through the operational efficiencies and staff reduction with the use of smartphone technology. TRACKtech case studies have shown that the utilization of smarthphone technology can significantly reduce staffing requirements without jeopardizing program outcomes or public safety.

(3) Agencies have not fully embraced the concept or strategies necessary to promote success rehabilitation or reentry. Many officers perceive the purpose of monitoring as a tool to simply detect negative behavior or to detect an offender at the "wrong place at the wrong time" and prioritize efforts around violating offenders. Unlike GPS devices, TRACKtech's product suite focuses on BOTH monitoring and successful rehabilitation through smartphone features that emphasize a higher level of offender engagement and communication and programming between the officer and offender.

(4) Similar to (3), agencies fear that by embracing smartphone technology, public perception will be that community corrections has become overly empathetic to the offender as the public in general has become too comfortable with the unfounded impression that the visualization of an offender wearing an ankle bracelet provides a level of security in the industry.

The use of technology to supplement sound correctional practice is an effective solution to downsized budgets and staffing concerns, while reducing exposure risks for individuals visiting offenders with viral illnesses. One of the most rapidly evolving technologies available to agencies is a next generation solution comprised of smartphone technology and a portfolio of rehabilitative applications. The use of smartphones, with or without a tether (GPS ankle bracelet or watch), enhances compliance monitoring and tracking of individuals by utilizing a

calendaring function that automatically creates geo-fence inclusion and exclusion zones. While allowing for remote behavior health assessments, risk factor scoring, document sharing, video conferencing, and other forms of compliance monitoring which are traditionally not available to case officers through GPS devices. Further, the use of this type of solution allows for positive reinforcement of compliant behavior and reduction of supervision based upon validated risk assessments and positive program participation.

Smartphone technology allows for improved location monitoring, increased interaction, remote reentry programming, cognitive behavioral programming, telemedicine, and teletherapy with the individual through text, email, telephone, and video, all with biometric verification of their identify. Proper use of this technology allows officials to make informed and responsive determinations quickly and efficiently without requiring that they be in the physical presence of their clients. The effective management of individuals is based on purposeful interactions between the client and agency officials, the more quality interaction the better the management.

When compared to the costs of traditional in-person monitoring, TRACKtech offers significant cost savings to agencies by using staff more effectively to focus attention on those individuals who require more intensive interactions, without jeopardizing public safety. Caseloads managed by TRACKtech achieve the same purposeful interaction as in-person contacts, promptly identifying non-compliance of the individual and informing officials.

TRACKtech delivers data analytics and reporting which provides individualized and cohort data on the entire caseload. Strategies that leverage data and technology to prioritize and focus interactions with those individuals who require the highest levels of supervision (based upon a validated risk assessment and current behavior) are most effective and increase the safety and security of the public, clients, and officers.

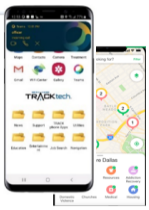
By enabling more efficient compliance monitoring of individuals in the community, TRACKtech allows staff to supervise an increased number of clients without significant increases in the resources required. Furthermore, smartphone technology allows for the adaptive compliance monitoring of individuals based upon changing risks and behaviors, enabling more responsive case management at scale.

TRACKcase

A desktop, tablet, or smartphone portal on the TRACKtech platform which collects, stores and analyzes real-time data to help manage case workflow. Including such features as location and compliance monitoring, risk/recovery scoring, evidence-based assessment tools, rehabilitative support and "pattern of life" data collection.

TRACKphone

A secured smartphone provided to the program member, monitored by the supervising officers through TRACKcase enabling officers to track, observe and interact with their program members on a real-time basis. Features include education, video conferencing, behavioral health assessments and rehabilitative support.



Victim/Officer Notification App

A mobile app placed on a program member's personal cell phone and monitored by the supervising officers through TRACKcase which notifies both the officers and victims if the program member is in violation of the pre-approved geofence for both safety and peace of mind purposes. Features include but are not limited to alarming and safe exit plans.

TETHERING BRACELET

Industry's most flexible anti-tamper bracelet. Paired with TRACKphone to allow for proximity sensor for increased flexibility in accountability practices.

GEOSATIS EM

A patented titanium wearable GPS device tethered to the program member's TRACKphone which provides for more robust containment with less monitoring stigma.

FLEXIBILITY TO DELIVER DIVERSE SERVICES