



CORRECTIONS
TECHNOLOGY
ASSOCIATION

The Gateway to Innovation

Using Mobile Technology to Disrupt and Improve Criminal Justice

Saint Louis
COUNTY
Justice Center



Saint Louis
COUNTY



Introductions

Hon. John Newsham

Circuit Judge

St. Louis County

Tricia Rodgers

CCS, Corrections Compliance Supervisor

St. Louis County Justice Center

Bart Cooper

Founder & CEO

eHawk, Inc.

Michael Pugliese

Director of Implementation

eHawk, Inc.



Agenda



Criminal Justice in St. Louis County, Pre-Covid



A Willingness to Try Something New – For Free



The Solution – RePath Smartphone Supervision



Keys to Success - Implementation, Adoption, Ease of Use, & Results



Speaking of Results



Criminal Justice in St Louis County, Pre-Covid

- St Louis County has a population of nearly one million
- Home to Ferguson, Missouri



Managing Jail Population

- Like most jurisdictions across America, managing the jail population is an arduous task.
- There is a constant struggle to find bed space.
- There was a need for a way to manage jail overcrowding without sacrificing public safety.

Compliance

- There was a need for a mechanism to comply with the Missouri Supreme Court ruling regarding bail and conditions of pretrial release.



A Willingness to Try Something New - For Free

St Louis County was open to trying a new approach to managing pretrial release

St Louis County sought a way to manage the pretrial population to comply with the recent Missouri Supreme Court ruling surrounding bail and conditions of release.



Because the idea was largely unproven in the market, they sought a no-cost pilot.



eHawk was the clear winner.



After one year, eHawk has helped reduce pretrial jail days by more than 60% in St. Louis County



The Solution - RePath Smartphone Supervision

- RePath is a Software-as-a-Service (SaaS) solution hosted on AWS (Amazon Web Services)
 - Secure, serverless, cloud-based architecture with end-to-end encryption in transit and at rest
 - No integration with other systems is required
 - No technical effort required from your staff to begin a pilot. eHawk provides all necessary support and resource
 - If the pilot is successful, eHawk can integrate with legacy systems to improve efficiency
- Agency configuration determines functionality
- Clients use an iOS/Android phone app on their personal device
 - This is the key to adoption, rapid implementation, and cost savings that drive results.



The Solution - RePath Smartphone Supervision

- The RePath app allows participants to easily maintain compliance with court ordered conditions of release or terms of probation
- The platform includes a broad spectrum of features to encourage compliance and benefit the participant
- All data is accessible by officers and agency personnel through a web platform and a mobile application
- Integration can be accomplished to drive efficiencies
- Access to eHawk's fully staffed monitoring center
- Reduces reliance on paper-based systems



The Solution - RePath Smartphone Supervision

Officer Dashboard

Michael Pugliese | Demo Agency | HELP

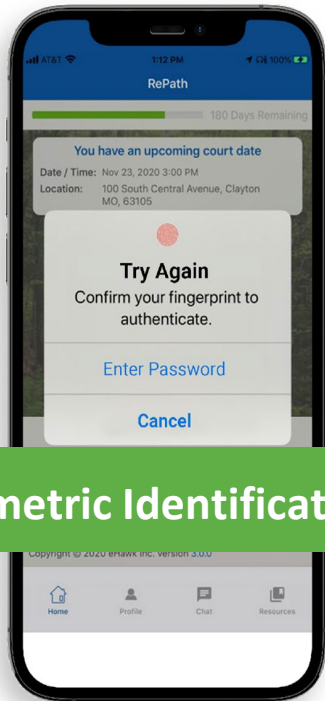
- Dashboard
- Participants
- Search
- Create New
- Reports
- Communication
 - Chat Messages
 - SMS Messages
- Admin
 - Agency Settings
 - Agency List
 - Agency Users
- Logout

2 EXCLUSION ZONE VIOLATION 	0 BUG REPORT 	2 PAST COURT DATE 	0 PARTICIPANT REPORT
1 PARTICIPANT ABSENT 	3 INCLUSION ZONE 	1 FAILED CHECK-IN F	0 REVIEW PARTICIPANT PICTURE
1 PARTICIPANT RELOCATED 	0 SUBMITTED DOCUMENTS 	2 POSITIVE ANSWER(S) 	1 MISSING ANSWERS
1 MISSING ONBOARDING 	0 UPCOMING COURT DATE 	ONBOARDING RESULTS 	



The Solution - RePath Smartphone Supervision

Check-Ins



Biometric Identification

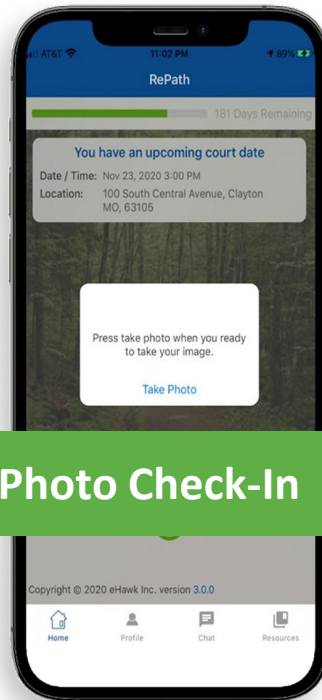
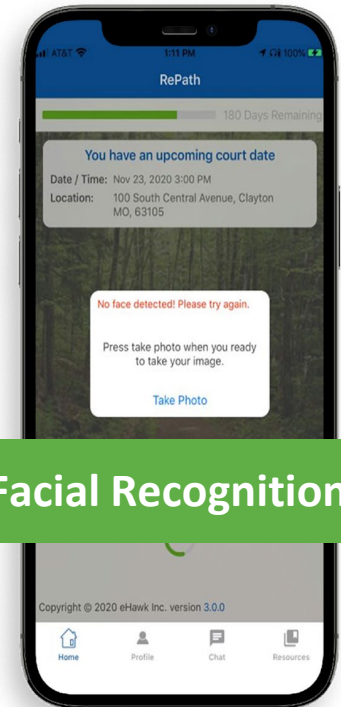


Photo Check-In



Facial Recognition



The Solution - RePath Smartphone Supervision

Monitor Client Location

Check-in Only

12/11/2019

- 11 Dec at 9:53:44 pm Missed Check-In
- 11 Dec at 5:32:45 pm Scheduled Check-In
- Checked-in at 5:43 pm
Address: 3154 US 54, Kingdom City, MO 65022, USA, Lat: 38.9470, Lon: -91.6905, (zoom=7.5)
- 11 Dec at 3:34:50 pm Missed Check-In
- 11 Dec at 1:33:44 pm Scheduled Check-In
- Checked-in at 1:34 pm
Address: 100 S Central Ave, Clayton, MO 63105, USA, Lat: 38.6486, Lon: -90.3217, (zoom=16.5)
- 11 Dec at 10:33:31 am Scheduled Check-In
- Checked-in at 10:34 am
Address: 170, Montgomery City, MO 63201, USA, Lat: 38.9005, Lon: -91.6300, (zoom=4.8)

Map Satellite

St. Louis

Location Tracking

12/11/2019

- 11 Dec at 11:39:42 am Location Update
Address: 7707-7849 Cedarvale Ave, Clayton, MO 63105, Lat: 38.6486, Lon: -90.3217, (zoom=16.5)
- 11 Dec at 11:38:56 am Exclusion Zone Violation
Location Address: 100 South Central Avenue, Clayton, MO, USA, Lat: 38.6487, Lon: -90.3281
Customer Radius: 90 meters
Tracked Location: 9548186540814684-6108-53678963705-ExclusionZoneInfo, Lat: 38.6487, Lon: -90.3281
- 11 Dec at 11:38:41 am Location Update
Address: 808 Clayton Rd, Richmond Heights, MO 63117, Lat: 38.6363, Lon: -90.3434, (zoom=12.5)
- 11 Dec at 11:38:41 am Entered Exclusion Address (Warning Zone)
Exclusion Address (Warning Zone): 100 South Central Avenue, Clayton, MO, USA, Lat: 38.6487, Lon: -90.3281
Customer Radius: 90 meters
Tracked Location: 100 S Central Ave, Clayton, MO 63105, USA, Lat: 38.6487, Lon: -90.3281
- 11 Dec at 11:37:01 am Location Update
Address: 808 Clayton Rd, Richmond Heights, MO 63117, Lat: 38.6363, Lon: -90.3434, (zoom=12.5)
- 11 Dec at 11:32:00 am Location Update

Map Satellite

Kansas City

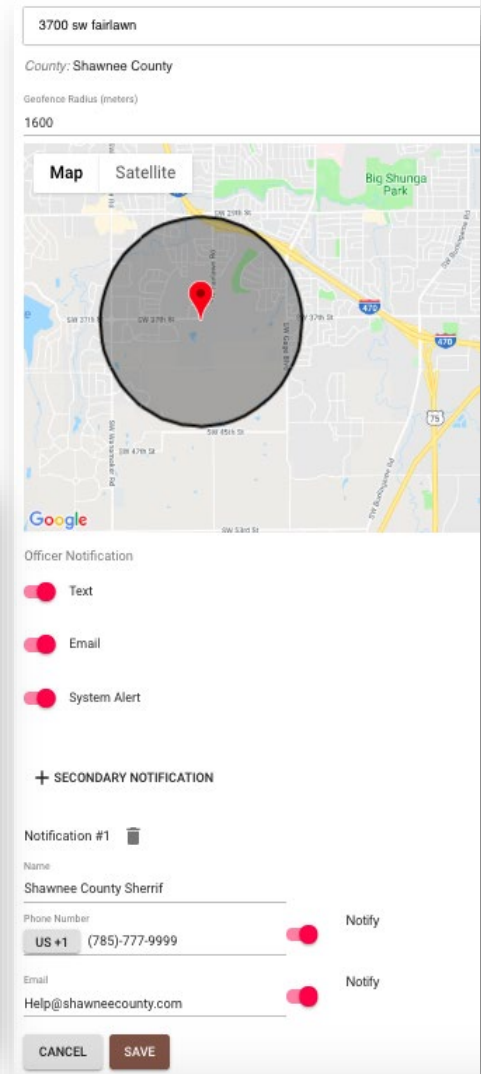
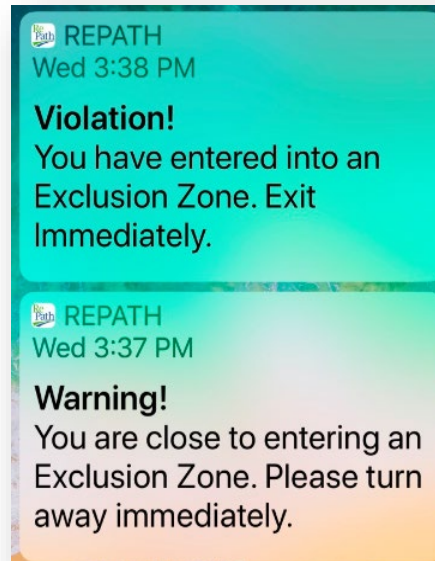


The Solution - RePath Smartphone Supervision

Exclusion Zones

Provides warnings to participants as they approach prohibited zones and alerts the supervisor in case of violation

- Zone creation
- Violations
- Warnings
- Third-party notifications
- Enhanced tracking





The Solution - RePath Smartphone Supervision

Inclusion Zones

- Zone creation by time
- Participant reminders
- Zone entry verifications
- Violations
- Notifications

Name: Home Type: Home

Expression: M-Su 8p-7a

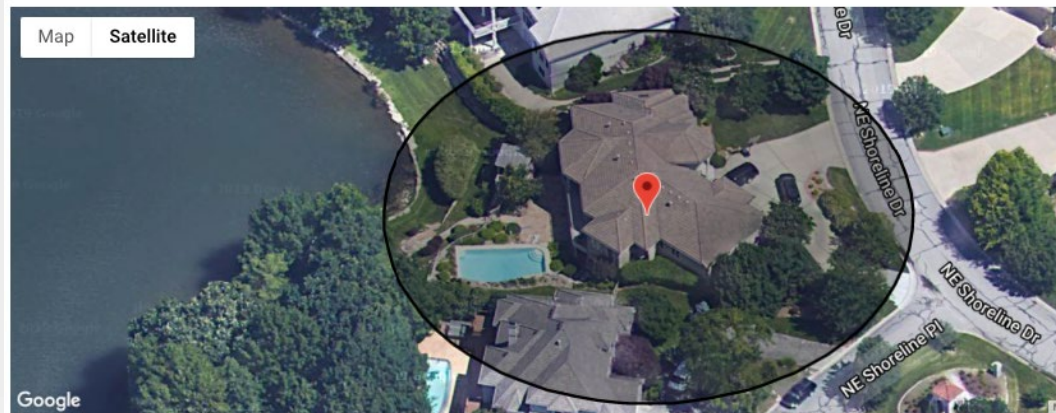
Mon	Tue	Wed	Thu	Fri	Sat	Sun
8:00 pm - 7:00 am	8:00 pm - 7:00 am	8:00 pm - 7:00 am	8:00 pm - 7:00 am	8:00 pm - 7:00 am	8:00 pm - 7:00 am	8:00 pm - 7:00 am

533 Northeast Shoreline Drive, Lee's Summit, MO, USA

Geofence Radius (meters): 30

Today 8:30 PM


Inclusion zone violation by participant Bart Cooper! Zone: Home (Home). Zone address: 533 Northeast Shoreline Drive, Lee's Summit, MO, USA. Time: 09/29/2020, 8:00PM. <https://repath->






The Solution - RePath Smartphone Supervision

Automated Court Reminders

 REPATH
now
Your court instructions
Instructions: Division 17

 REPATH
now
You have a new scheduled court on 01/07/2020, 3:00...
At 100 South Central Avenue, Clayton, MO, USA

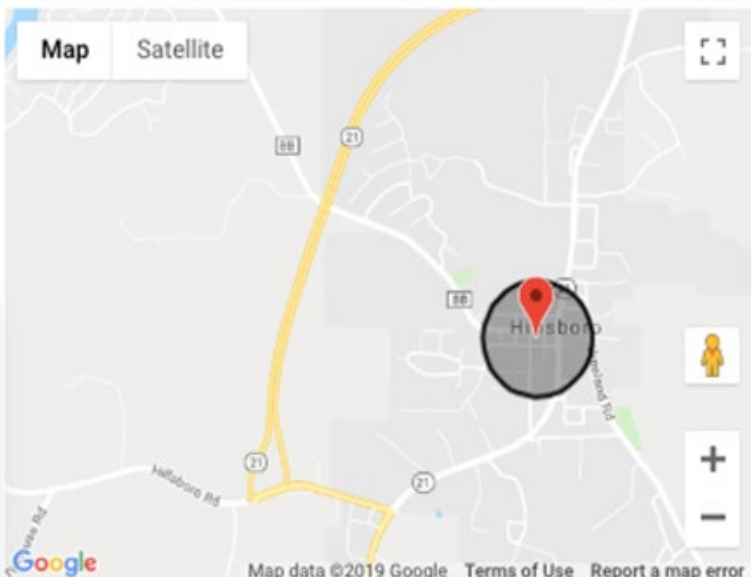
Thu Jan 31 2019 15:30:00 GMT-0600 X

Jefferson County Courthouse, Main Street, Hillsboro, MO, USA


County: Jefferson County

Geofence Radius (meters)
300


Map Satellite





Map data ©2019 Google Terms of Use Report a map error

AT&T 5G E 2:08 PM 100% 

< Profile Appointments

 Court
Tue Jan 07, 2020 03:00 PM
100 South Central Avenue, Clayton MO, 63105

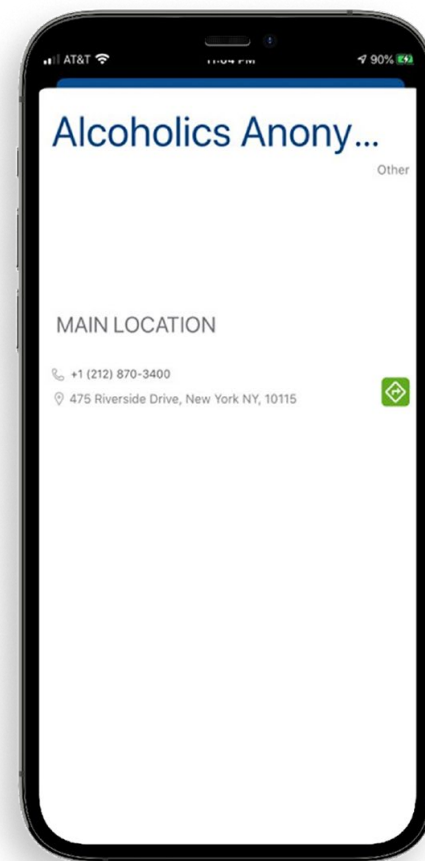
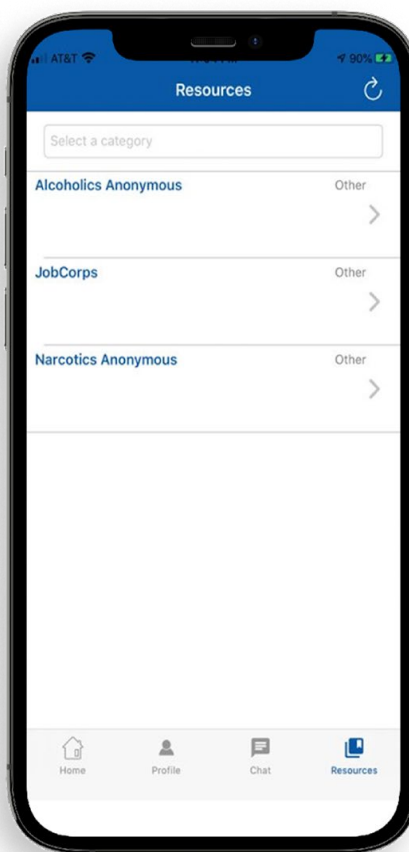
 



The Solution - RePath Smartphone Supervision

Community Resources

- The RePath app provides direct access to support services for participants
- Includes contact information and physical address of these services, while also providing a direct link with directions to the service.

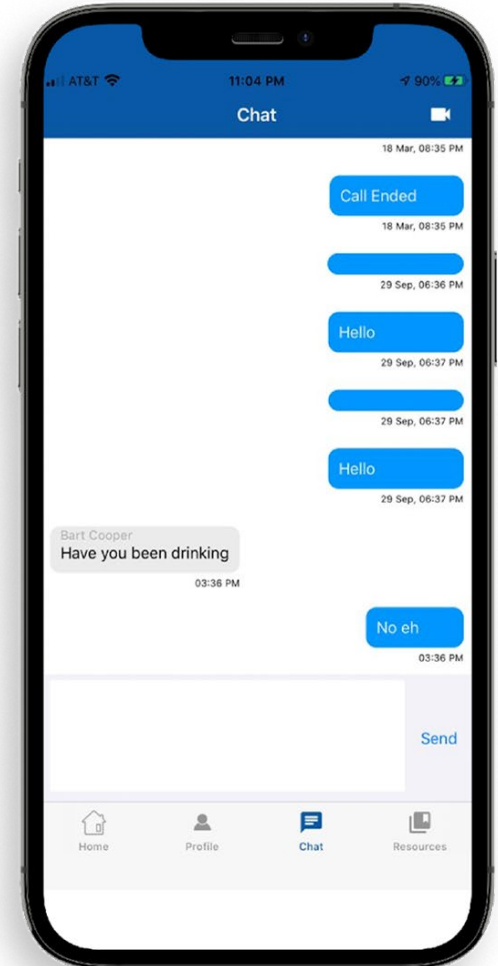




The Solution - RePath Smartphone Supervision

Communications

- Text or video chat conducted within the app
- Automatically recorded in participant record
- Send a mass SMS to multiple participants (e.g., please report for drug testing/court closures)
- Can be initiated by either participant or supervising authority





Keys to Success Implementation

Implementation of St. Louis County consisted of 6 weeks of on-site support.

- Met with judges to help them utilize the program in a way that best fit their courts
- St. Louis County & eHawk worked closely together to structure a program to best fit their needs
- eHawk coordinated with the different divisions within St. Louis County to provide training
- eHawk provided initial assistance with enrolling participants in the program
- eHawk continued to provide training and support off-site



Speaking of Results



Better pretrial jail detention management



Reduced reliance on ankle monitors



Fewer people waiting in jail who cannot afford an ankle monitor



Substantial reduction in failures to appear



A reduction of 300-400 jail days each and every day



Dramatically reduced costs



Speaking of Results

- Vastly improved management of pretrial defendants
- Substantial reduction in pretrial jail days
- Compliant with Missouri Supreme Court Rule regarding bail and pretrial release
- Dramatic reduction in failure to appear rate
- Expansion of program, statewide
- Providing resources & assistance to participants to get them the help they need