



E-Cell House Arrest

Electronic Monitoring Solutions

prepared for the

Arkansas Legislative Criminal Justice Oversight Task Force



E-Cell House Arrest Electronic Monitoring Products

E-Cell House Arrest Bit (HABIT) wrist-worn band

patent-pending E-Cell House Arrest Admin App

patent-pending E-Cell House Arrest Offender App for smartphones

E-Cell Alternative Sentencing Benefits

- Costs Savings- \$1.50 to \$5.00/ day vs. \$66/day for incarceration (Vera, 2012)
- Increased Compliance – electronic monitoring compared to other forms of community supervision reduced the risk of failure to comply by 31%. (Bales et al. 2010)
- Behavior Modification
 - Increased communication with probation, courts, and other law enforcement.
 - Daily attainable goals, ex. Phillips County.
 - Removal of social stigma associated with ankle bracelets
- Streamline Probation
 - Dashboard Monitoring Center
 - Offender Scorecard
 - Real-Time communication with offenders

E-Cell House Arrest Apps--Three Levels of Offender Monitoring

Level One – Low-Level Offender

Monitored using the E-Cell House Arrest Offender App

- Track Only using E-Cell House Arrest App
- Voluntary Check-Ins
- Real-Time GPS Location
- Electronic Documentation: Court Order, Terms of House Arrest Agreement, Offender Information Order Form, Violation Form, and Tracking History.
- Communication via Voice Call, Text, FaceTime, and E-Mail.

E-Cell House Arrest Apps--Three Levels of Offender Monitoring

Level Two – Low-to-Medium-Level Offender

Monitored using the E-Cell House Arrest Offender App

- Randomly Generated and Voluntary Check-ins
- Geofence Technology for Home, Work, Restricted Areas, and Curfews
- Electronic Documentation (Same as Level One) plus customized forms upon request.
- Real-Time GPS Monitoring (Same as Level One)
- Communication (Same as Level One)

E-Cell House Arrest Apps--Three Levels of Offender Monitoring

Level Three – Medium-to-High-Level Offender

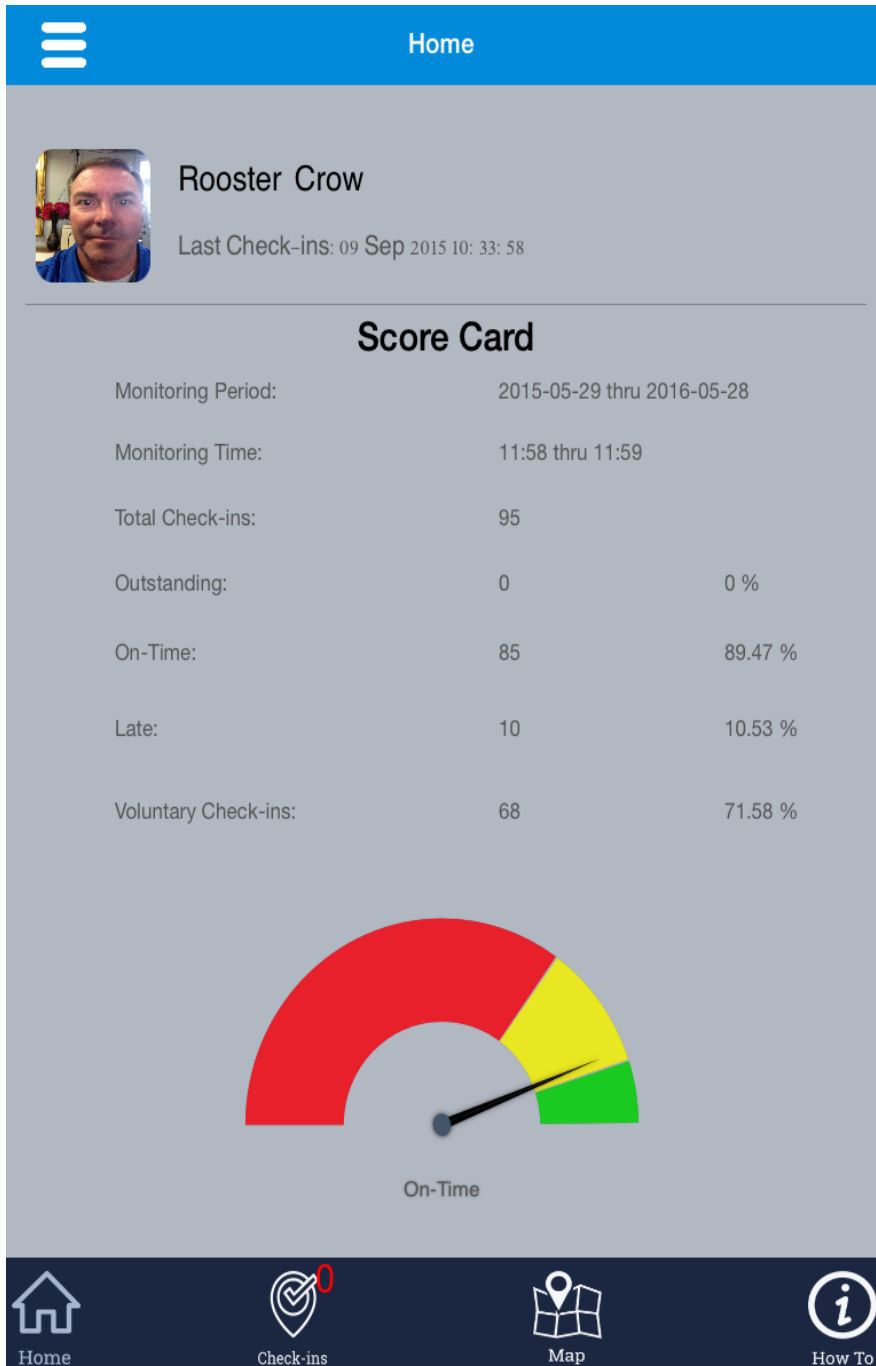
Increased Monitoring with the E-Cell HABIT Band & E-Cell House Arrest Offender App

- Secures to the wrist with a tamper-proof lock
- Syncs to the offender's phone
- Provides Discrete Monitoring--similar in design to a fitness band (i.e. FitBit, Jawbone)
- Secures the offender to the phone and app, offender has to stay within 20 feet or an alert
- Plus all Level 1 & 2 monitoring features & compliance requirements



E-Cell House Arrest Offender App

- Remote voluntary and random check-ins
- GPS Location
- List of completed and missed check-ins
- Compliance Scorecard

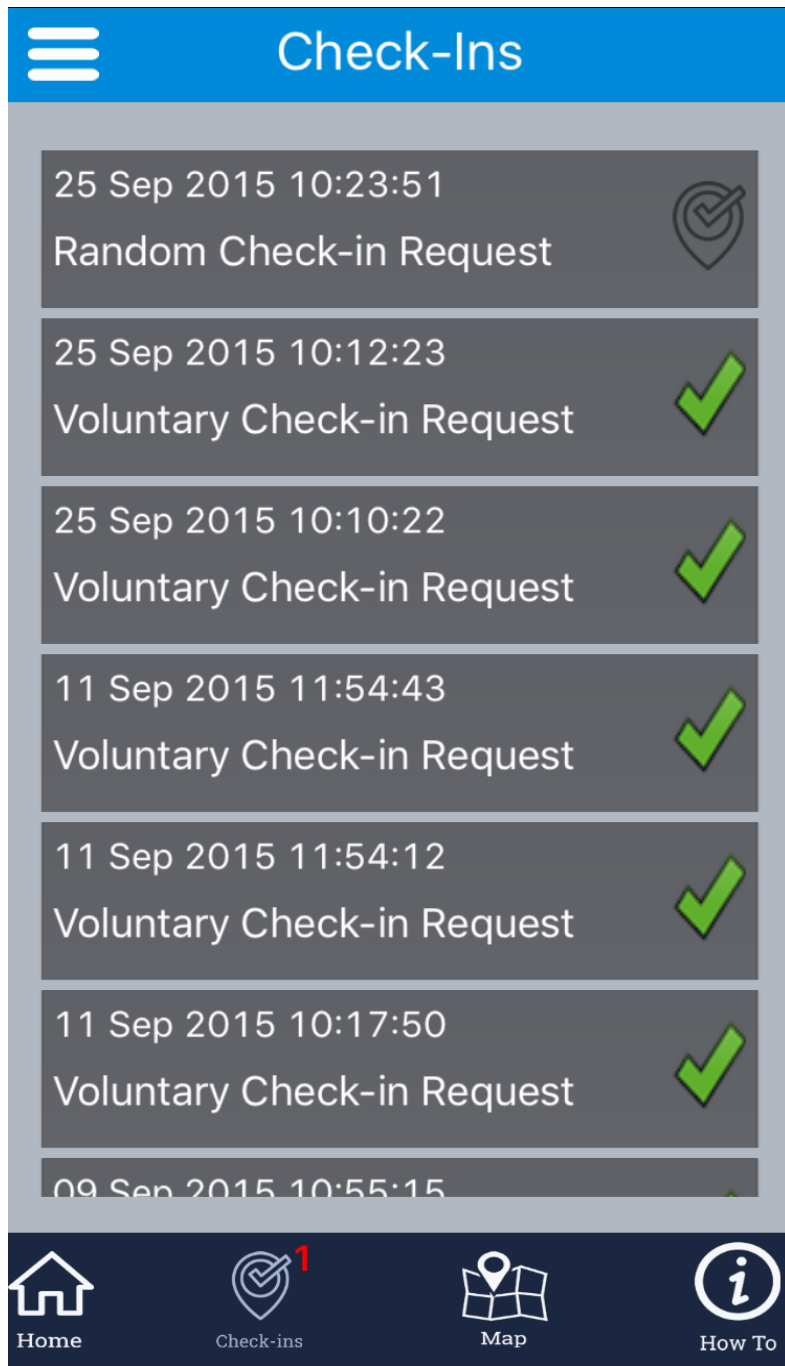


E-Cell House Arrest Offender App Home Screen

Compliance Scorecard

Easily identifiable and clear grading

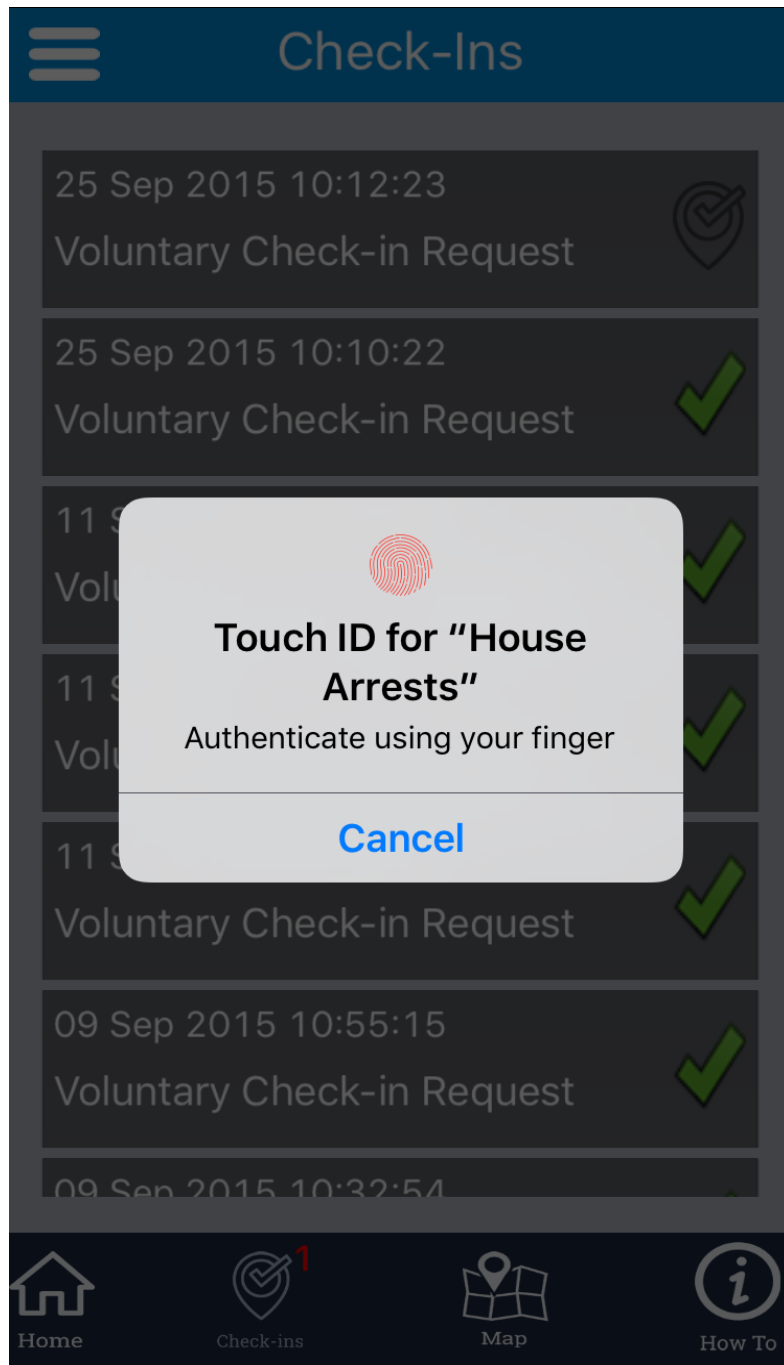
Color-Coded and categorized for instant compliance awareness



E-Cell House Arrest Offender App Check-Ins Screen

Lists all Voluntary and Random Check-Ins

Completed and Missed Check-in requests are easily recognized (for self-regulation)



E-Cell House Arrest Offender App ID Gate

Uses biometric (fingerprint) authentication

Must be entered by the offender before
Check-in Requests can be accessed



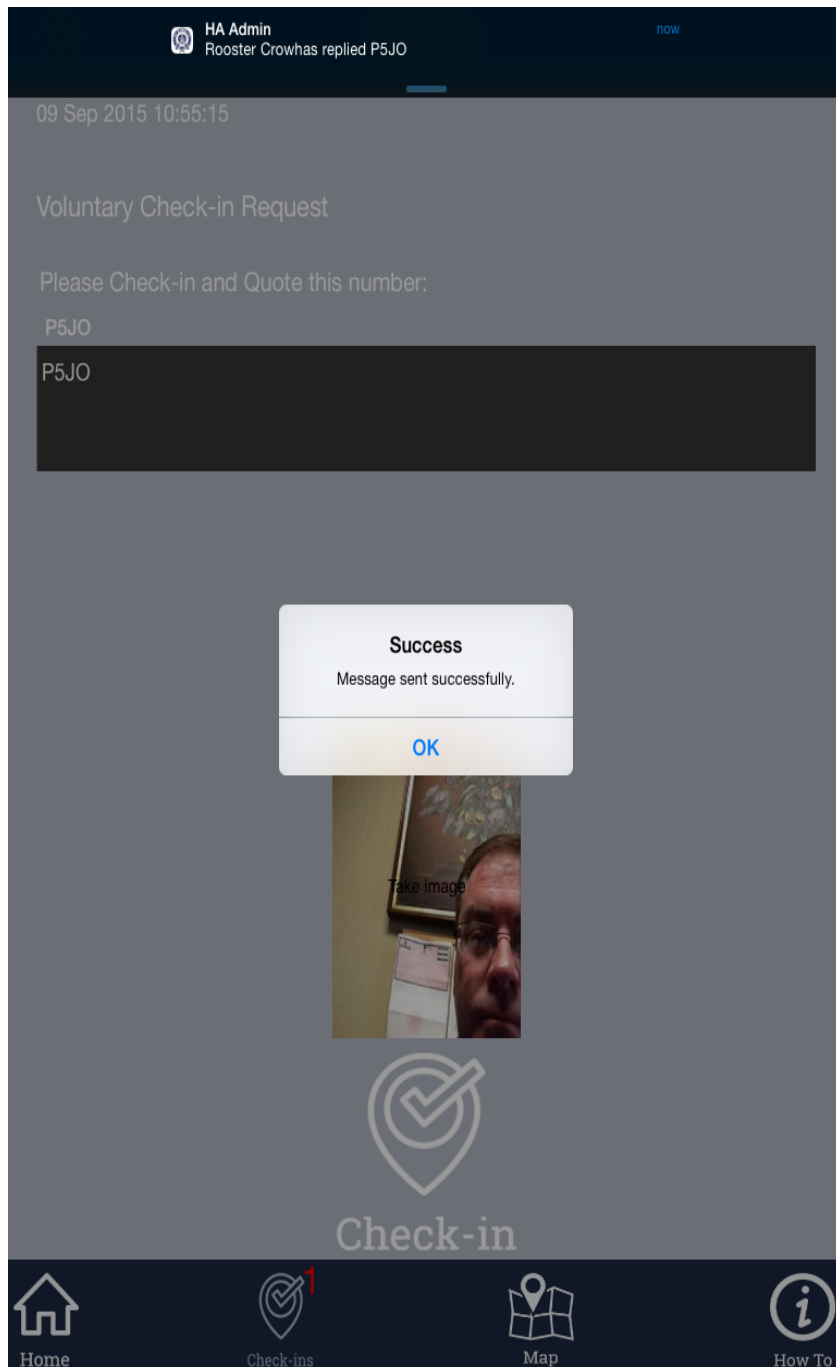
E-Cell House Arrest Offender App Check-In Confirmation Screen

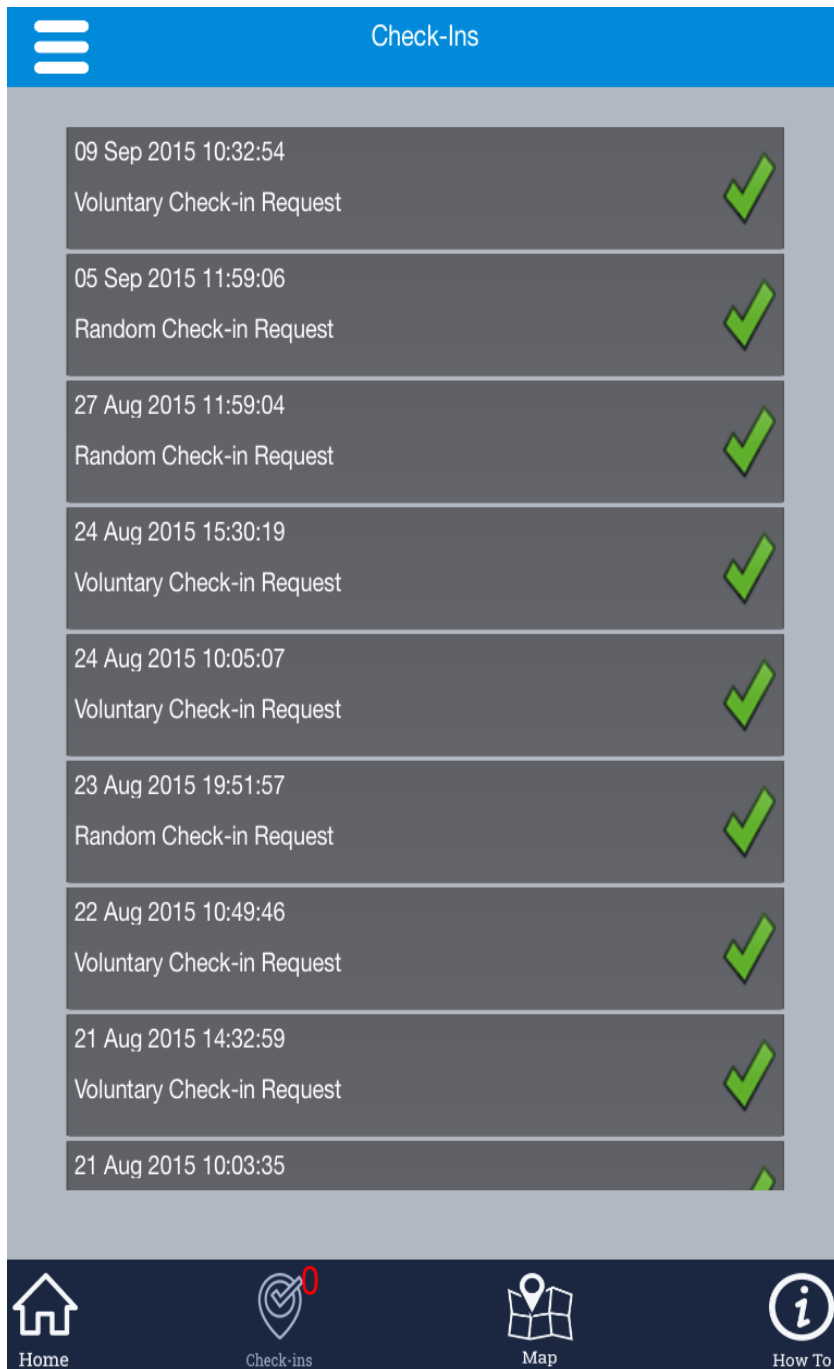
Offender enters randomly-generated code

Takes “selfie” video or photo

Clicks the Check-in button

Confirmation message appears for
successfully submitted check-ins





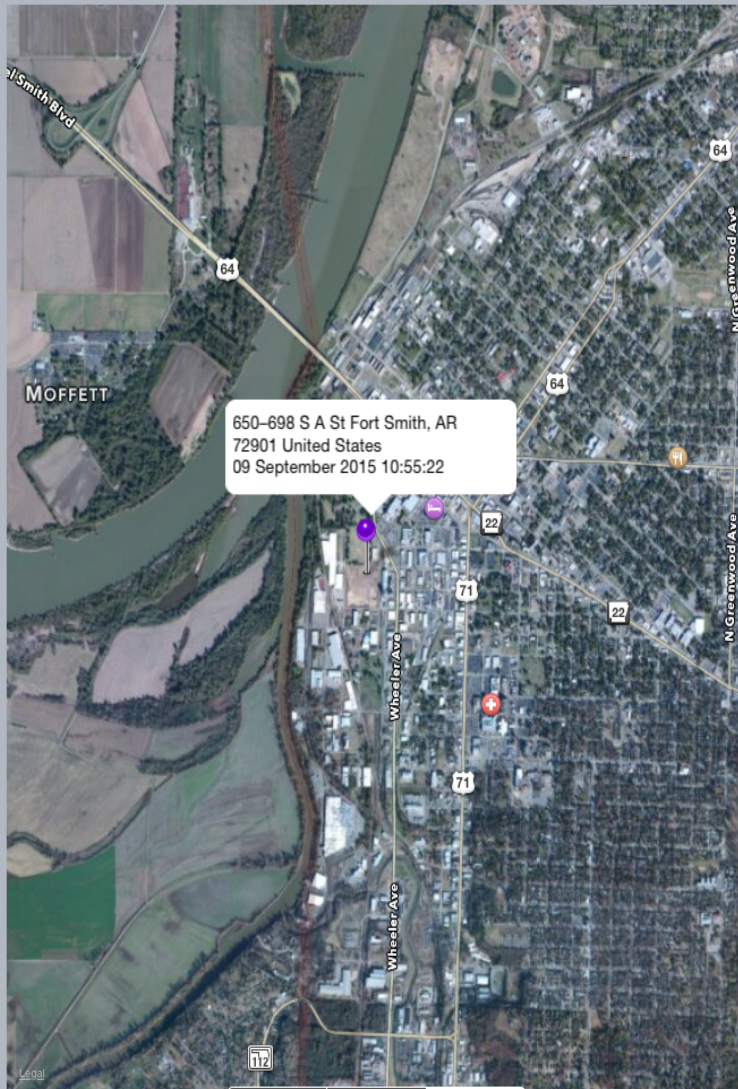
E-Cell House Arrest Offender App Check-Ins Screen

Offender Check-in Requests by date/time

Lists all Random and Voluntary Check-Ins

Shows successful and missed Check-ins

Map



Standard Satellite Hybrid



Home



Check-ins



Map



How To



E-Cell House Arrest Offender App Location Map Screen

Map Shows Exact GPS Location and Time

Standard, Satellite, or Hybrid Map Views

Offender Awareness of Tracking

E-Cell House Arrest Admin App



- All offenders (by region or probation officer) can be viewed on the Dashboard Monitoring Center. Offenders are color-coded to quickly view which ones are compliant and those who need immediate attention.
- Individual Scorecard
- Geofences
- Communication via voice call, text, FaceTime, and e-mail.
- GPS location – app updates every 60 seconds
- Tracking history – shows all movements for designated time period
- Violations – electronically documented and can be sent via secure e-mail to any designated site
- Court and probation electronic documentation



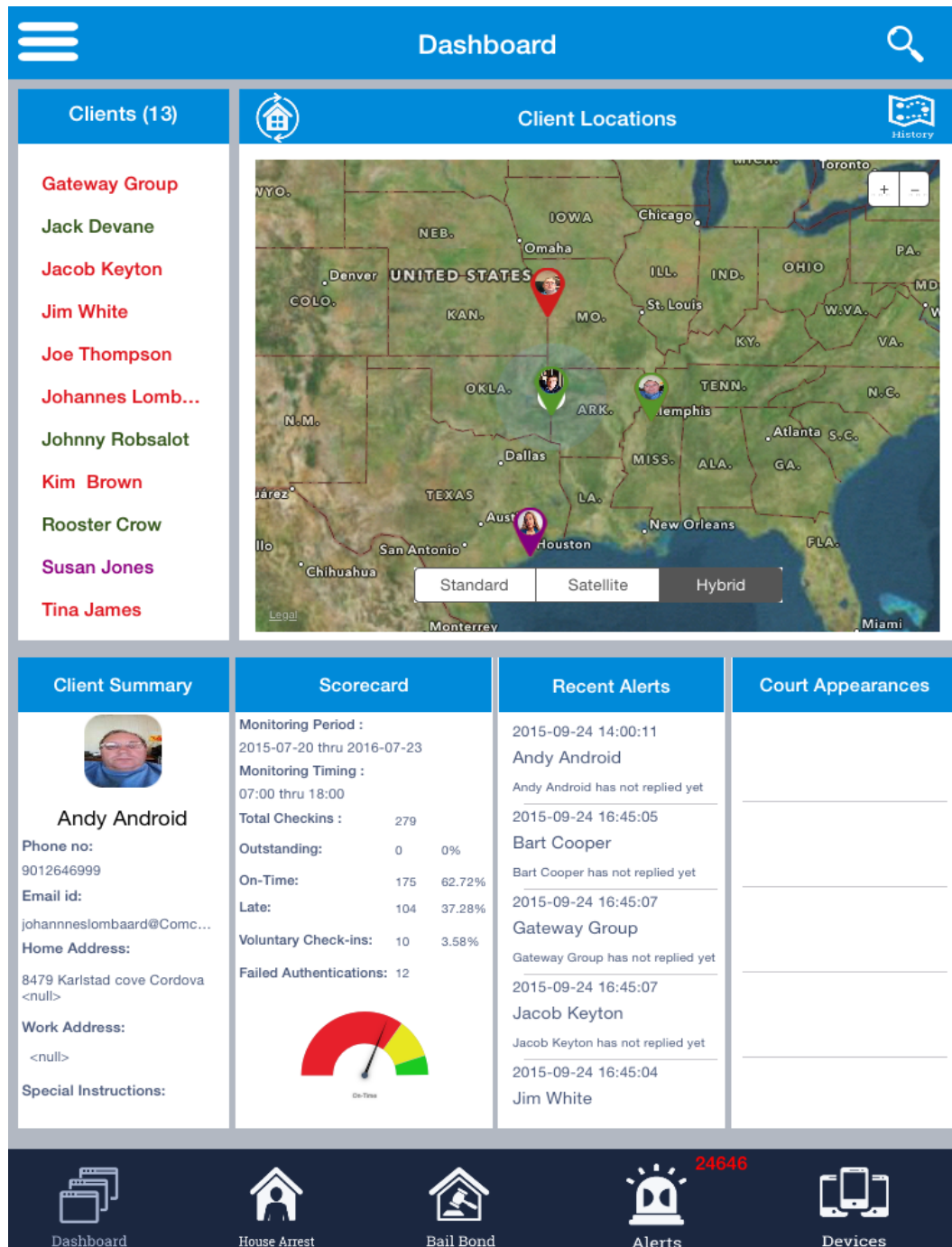
E-Cell House Arrest Admin App Dashboard Monitoring Center

Formatted for iPad

Locations for all clients (offenders)
can be viewed at once, or individually

Client records, court dates,
Scorecard, Summary, and Check-ins
are easily accessed from this screen

Color-coded client location icons for
immediate visual knowledge of
compliance status





E-Cell House Arrest Admin App

Dashboa...

Clients (14)

Andy Android

Bart Cooper

Gateway Group

Jack Devane

Jacob Keyton

Jim White

joe test

Joe Thompson

Johannes Lomb...

Johnny Robsalot

Kim Brown

Client Locations

Andy Android

Last Seen:2015-09-25 11:09:00

Current Location:8479 Karlstad Cv Cordova, TN 38018 United States

Offence:

Client Summary

Andy Android

Phone no:
9012646999

Email id:
johanneslombaard@Comc...

Home Address:
8479 Karlstad cove Cordova
<null>

Work Address:
<null>

Special Instructions:

Scorecard

Monitoring Period :
2015-07-20 thru 2016-07-23

Monitoring Timing :
07:00 thru 18:00

Total Checkins :
282

Outstandi...
0 0%

On-Time:
177 62.7...

Late:
105 37.2...

Voluntary Check-i...
10 3.55%

Failed Authenticati...
12

On Time

Recent Alerts

2015-09-25 15:00:11

Andy Android

Andy Android has not replied yet

2015-09-25 16:00:06

Bart Cooper

Bart Cooper has not replied yet

2015-09-25 16:00:08

Gateway Group

Gateway Group has not replied yet

2015-09-25 16:00:08

Jacob Keyton

Jacob Keyton has not replied yet

2015-09-25 16:00:05

Jim White

Court Appearances

25488

Dashboard

Clients (12)

Andy Android

Bart Cooper

Gateway Group

Jack Devane

Jacob Keyton

Jim White

Joe Thompson

Johannes Lomb...

Johnny Robsalot

Kim Brown

Rooster Crow

Client Locations

Andy Android

Last Seen:2015-09-09 10:53:00

Current Location:8479 Karlstad Cv Cordova, TN 38018 United States

Offence:

Client Summary

Andy Android

Phone no:
9012646999

Email id:
johanneslombaard@Comc...

Home Address:
8479 Karlstad cove Cordova
<null>

Work Address:
<null>

Special Instructions:

Scorecard

Monitoring Period :
2015-07-20 thru 2016-07-23

Monitoring Timing :
07:00 thru 18:00

Total Checkins :
217

Outstanding:
0 0%

On-Time:
125 57.6%

Late:
92 42.4%

Voluntary Check-ins:
10 4.61%

Failed Authentications:
12

On Time

Recent Alerts

2015-09-07 22:28:20

Andy Android

Alert! Andy Android's authentication failure

2015-09-09 15:45:08

Bart Cooper

Bart Cooper has not replied yet

2015-09-09 15:45:11

Gateway Group

Gateway Group has not replied yet

2015-09-09 15:45:11

Jacob Keyton

Jacob Keyton has not replied yet

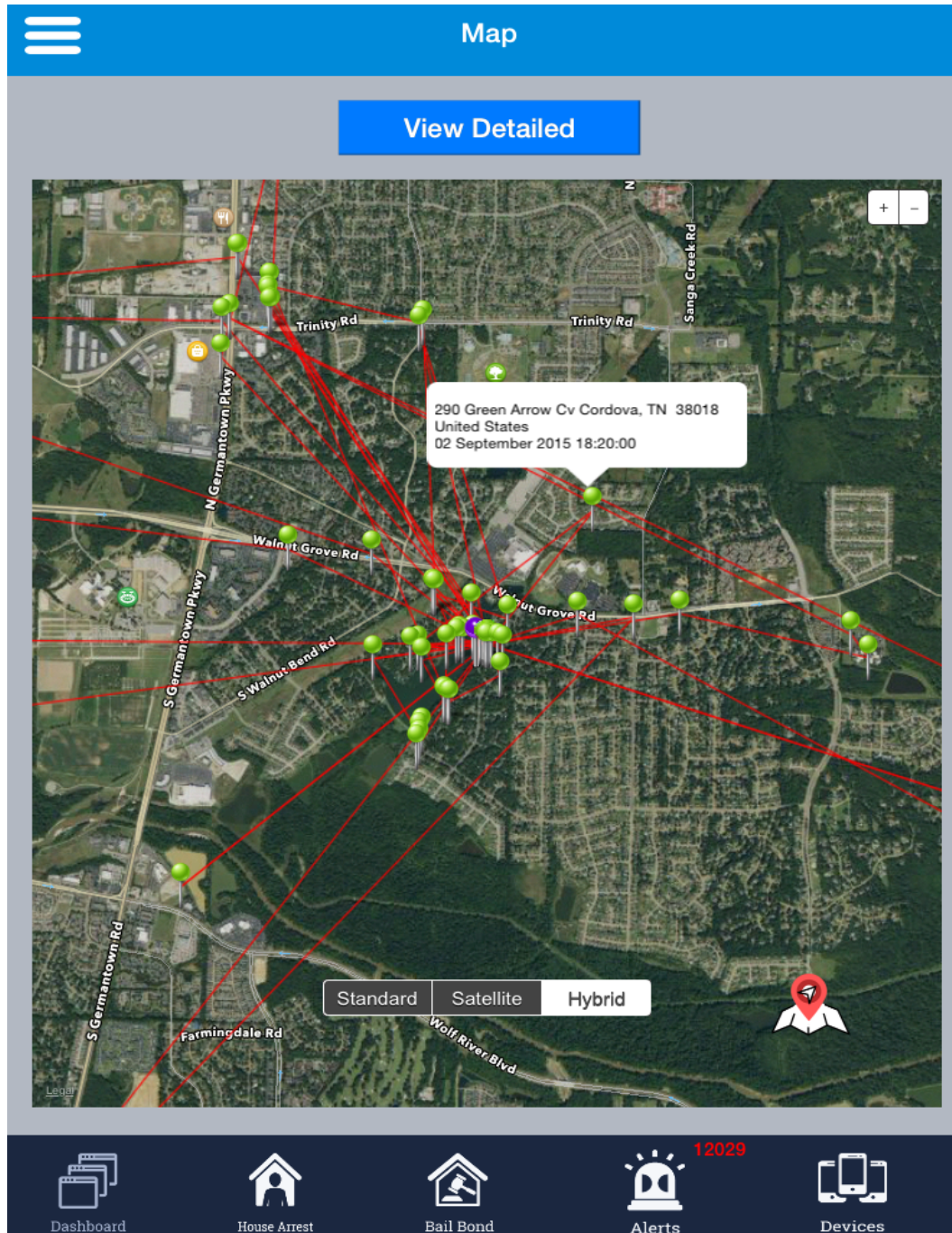
2015-09-09 15:45:06

Jim White

Court Appearances

12029

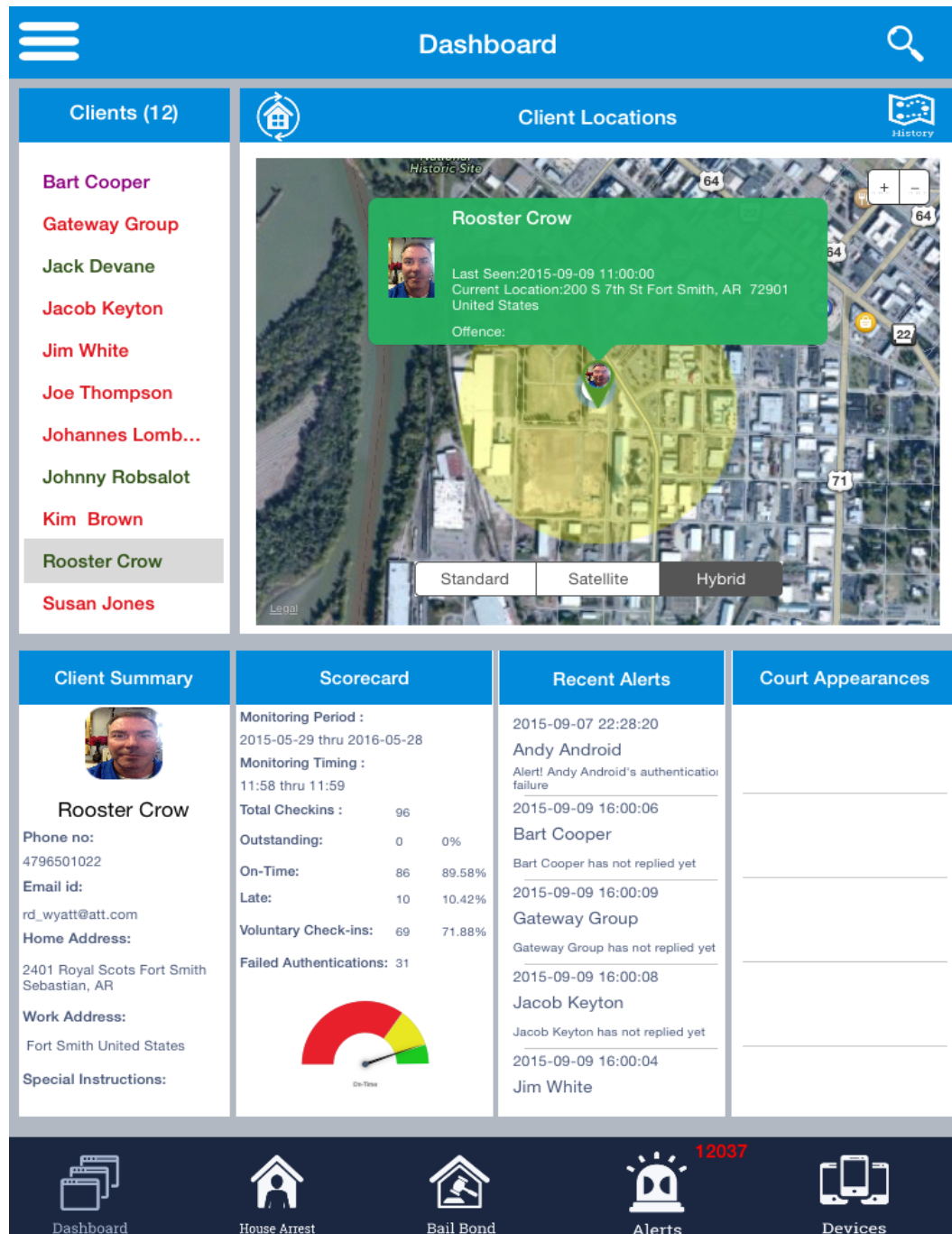
Client Locations hybrid and standard map views



E-Cell House Arrest Admin App

Offender Location Detail

All Offender movements are recorded and can be viewed for requested time periods.



E-Cell House Arrest Admin App Offender Location

Compliance status is Color-coded for instant recognition:

- Offender has checked-in
- Offender is in a permitted location

Dashboa...

Clients (14)

Andy Android

Bart Cooper

Gateway Group

Jack Devane

Jacob Keyton

Jim White

joe test

Joe Thompson

Johannes Lomb...

Johnny Robsalot

Kim Brown

Client Locations

History

Andy Android

Last Seen:2015-09-25 11:09:00

Current Location:8479 Karlstad Cv Cordova, TN 38018 United States

Offence:

Select option:

Voice Call

Face Time

Text Message

E-mail

Client Summary

Andy Android

Phone no:

9012646999

Email id:

johanneslombaard@Comc...

Home Address:

8479 Karlstad cove Cordova <null>

Work Address:

<null>

Special Instructions:

Monitoring

2015-07

Monitoring

07:00 thru 18:00

Total Checkins :

282

Outstandi...

0

0%

On-Time:

177

62.7...

Late:

105

37.2...

Voluntary Check-i...

10

3.55%

Failed Authenticati...

12

2015-09-25 16:00:06

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Jim White

Court Appearances

Dashboard

House Arrest

Bail Bond

Alerts

25488

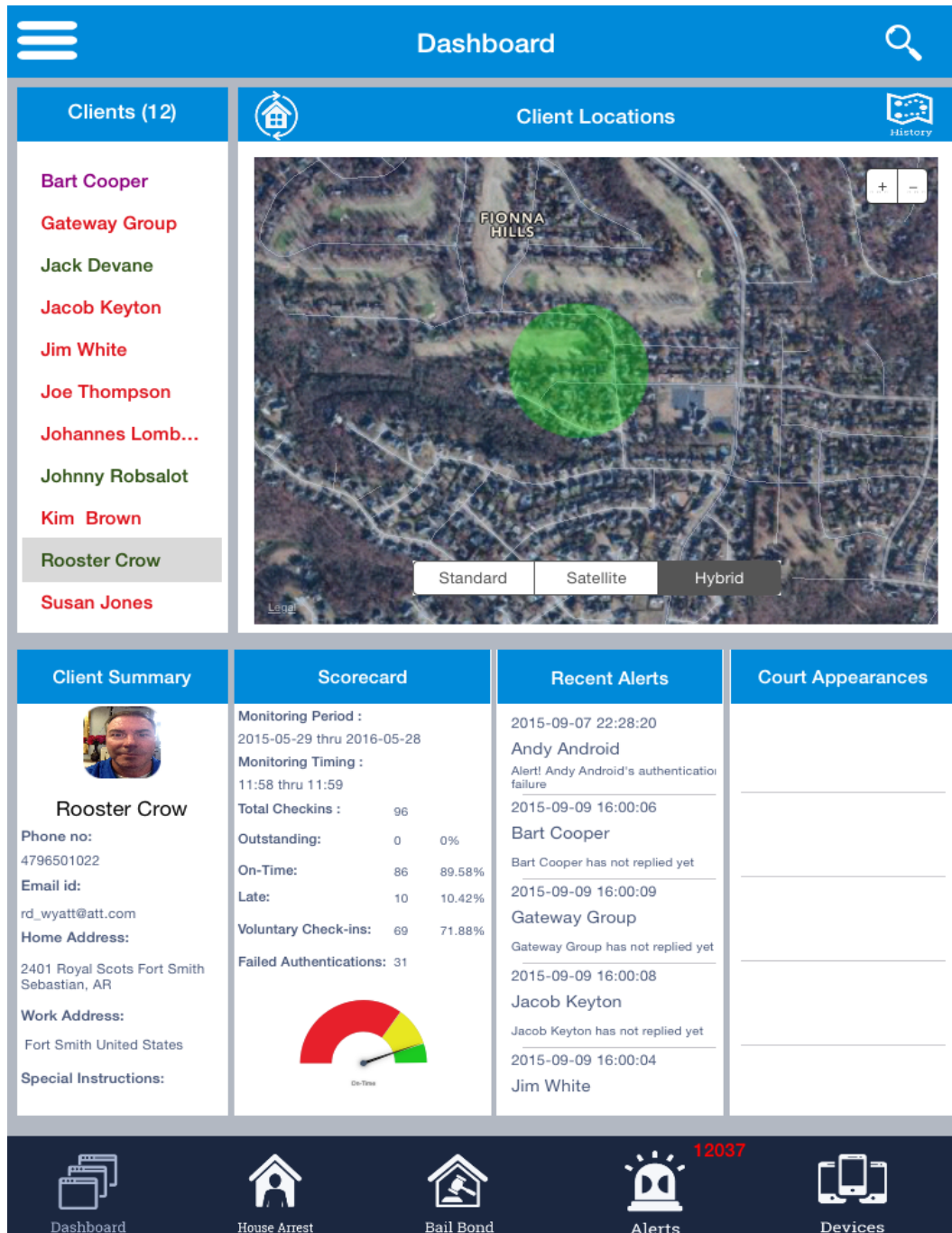
Devices

E-Cell House Arrest Admin App

Offender Contact

Monitor can immediately contact Offender by various methods (contact information is pre-populated):

- Voice Call
- FaceTime
- Text Message
- E-mail



E-Cell House Arrest Admin App Geofencing

Geofencing can be established around an offender's home, work, and other permitted locations.

Frequently Asked Questions (FAQs):

Q: How secure is the App and Data?

A: Very. We use the same type of server and encryption as Wells Fargo Bank.

Q: What if the offender doesn't answer the phone?

Q: What if they don't keep their phone charged?

Q: What if they delete the app?

Q: What if someone else checks in for the offender?

Q: Couldn't the offender just leave their phone and walk away?

All of the above could potentially result in Failure to Comply Violations. When the offender is first enrolled in an electronic monitoring program, the rules, regulations, and punishments are clearly explained, and the offender must sign an Agreement of Understanding. However, electronic monitoring is best offered to offenders who are incentivized by the opportunity to avoid harsher penalties and/or potential (re)incarceration.

Q: Who owns the data?

A: The State.

Q: Can an offender use his/her own smart phone?

A: Yes, as long as it is able to run the app and function properly.



E-Cell House Arrest, *Electronic Monitoring Solutions*

200 South 7th Street, Ft. Smith, Arkansas 72901

Tel: 888.316.0600 info@housearrestapp.com www.housearrestapp.com