

ANDROID STATIC ANALYSIS REPORT



Kardia (5.44.1-3c4c0ce0b4)

File Name:	com.alivecor.aliveecg_762.apk
Package Name:	com.alivecor.aliveecg
Scan Date:	Aug. 29, 2025, 7:21 p.m.
App Security Score:	49/100 (MEDIUM RISK)
Grade:	
Trackers Detection:	4/432

FINDINGS SEVERITY

≟ HIGH	▲ MEDIUM	i INFO	✓ SECURE	◎ HOTSPOT
5	58	4	3	1

FILE INFORMATION

File Name: com.alivecor.aliveecg_762.apk

Size: 100.27MB

MD5: 7195c34f7a05cdccbf99fe88e03dcb52

SHA1: 2fc75351a0bd61d2585b7f2e169d8b9108cd1a66

SHA256: bf0e30f89bfffeac3064d3f56009f1b100e00a2db9e5eee7b271b17591656155

i APP INFORMATION

App Name: Kardia

Package Name: com.alivecor.aliveecg

Main Activity: com.alivecor.aliveecg.SplashActivity

Target SDK: 35 Min SDK: 26 Max SDK:

Android Version Name: 5.44.1-3c4c0ce0b4

APP COMPONENTS

Activities: 149 Services: 21 Receivers: 20 Providers: 5

Exported Activities: 30
Exported Services: 4
Exported Receivers: 7
Exported Providers: 0

***** CERTIFICATE INFORMATION

Binary is signed v1 signature: False v2 signature: True v3 signature: True v4 signature: False

X.509 Subject: C=AU, ST=QLD, L=Ashmore, O=AliveCor Inc, OU=AliveCor, CN=www.alivecor.com

Signature Algorithm: rsassa_pkcs1v15 Valid From: 2013-03-21 06:41:07+00:00 Valid To: 3012-07-22 06:41:07+00:00

Issuer: C=AU, ST=QLD, L=Ashmore, O=AliveCor Inc, OU=AliveCor, CN=www.alivecor.com

Serial Number: 0x241094e7 Hash Algorithm: sha256

md5: 33ffb032d12f7766740259929b675303

sha1: 883cf06eef76826ad4345cb733e049db0efde412

sha256: 40ca7e6054892560ba9f3b8573e08d5e7de895abb4f253e2261712ca8a8b3315

sha512: 8d87fa3d68a75ce6b1a059e368f4b139ebf27d6511c4a9b21bcf56f8e84ab1ab795c06ba6a8b1c601816d6df1a94fe0d4e527cc4254fc654a48c750888355dcc

PublicKey Algorithm: rsa

Bit Size: 2048

Fingerprint: 7ef57317633cc333fe5f66755d67ea7bb6854aed82694a74e7971ce92e7ee7a7

Found 1 unique certificates

E APPLICATION PERMISSIONS

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.INTERNET	normal	full Internet access	Allows an application to create network sockets.
android.permission.RECORD_AUDIO	dangerous	record audio	Allows application to access the audio record path.
android.permission.ACCESS_NETWORK_STATE	normal	view network status	Allows an application to view the status of all networks.
android.permission.AUTHENTICATE_ACCOUNTS	dangerous	act as an account authenticator	Allows an application to use the account authenticator capabilities of the Account Manager, including creating accounts as well as obtaining and setting their passwords.
android.permission.MANAGE_ACCOUNTS	dangerous	manage the accounts list	Allows an application to perform operations like adding and removing accounts and deleting their password.
android.permission.GET_ACCOUNTS	dangerous	list accounts	Allows access to the list of accounts in the Accounts Service.
android.permission.USE_CREDENTIALS	dangerous	use the authentication credentials of an account	Allows an application to request authentication tokens.
android.permission.NFC	normal	control Near-Field Communication	Allows an application to communicate with Near-Field Communication (NFC) tags, cards and readers.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.BLUETOOTH_CONNECT	dangerous	necessary for connecting to paired Bluetooth devices.	Required to be able to connect to paired Bluetooth devices.
android.permission.BLUETOOTH_SCAN	dangerous	required for discovering and pairing Bluetooth devices.	Required to be able to discover and pair nearby Bluetooth devices.
android.permission.BLUETOOTH	normal	create Bluetooth connections	Allows applications to connect to paired bluetooth devices.
android.permission.BLUETOOTH_ADMIN	normal	bluetooth administration	Allows applications to discover and pair bluetooth devices.
android.permission.ACCESS_FINE_LOCATION	dangerous	fine (GPS) location	Access fine location sources, such as the Global Positioning System on the phone, where available. Malicious applications can use this to determine where you are and may consume additional battery power.
android.permission.ACCESS_COARSE_LOCATION	dangerous	coarse (network-based) location	Access coarse location sources, such as the mobile network database, to determine an approximate phone location, where available. Malicious applications can use this to determine approximately where you are.
android.permission.BODY_SENSORS	dangerous	grants access to body sensors, such as heart rate.	Allows an application to access data from sensors that the user uses to measure what is happening inside his/her body, such as heart rate.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.RECEIVE_BOOT_COMPLETED	normal	automatically start at boot	Allows an application to start itself as soon as the system has finished booting. This can make it take longer to start the phone and allow the application to slow down the overall phone by always running.
com.google.android.c2dm.permission.RECEIVE	normal	recieve push notifications	Allows an application to receive push notifications from cloud.
android.permission.ACTIVITY_RECOGNITION	dangerous	allow application to recognize physical activity	Allows an application to recognize physical activity.
android.permission.SCHEDULE_EXACT_ALARM	normal	permits exact alarm scheduling for background work.	Allows an app to use exact alarm scheduling APIs to perform timing sensitive background work.
android.permission.POST_NOTIFICATIONS	dangerous	allows an app to post notifications.	Allows an app to post notifications
com.alivecor.aliveecg.permission.C2D_MESSAGE	unknown	Unknown permission	Unknown permission from android reference
android.permission.WAKE_LOCK	normal	prevent phone from sleeping	Allows an application to prevent the phone from going to sleep.
android.permission.WRITE_EXTERNAL_STORAGE	dangerous	read/modify/delete external storage contents	Allows an application to write to external storage.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.READ_CALENDAR	dangerous	read calendar events	Allows an application to read all of the calendar events stored on your phone. Malicious applications can use this to send your calendar events to other people.
android.permission.WRITE_CALENDAR	dangerous	add or modify calendar events and send emails to guests	Allows an application to add or change the events on your calendar, which may send emails to guests. Malicious applications can use this to erase or modify your calendar events or to send emails to guests.
android.permission.READ_MEDIA_IMAGES	dangerous	allows reading image files from external storage.	Allows an application to read image files from external storage.
android.permission.READ_EXTERNAL_STORAGE	dangerous	read external storage contents	Allows an application to read from external storage.
android.permission.READ_PRIVILEGED_PHONE_STATE	unknown	Unknown permission	Unknown permission from android reference
android.permission.CHANGE_NETWORK_STATE	normal	change network connectivity	Allows applications to change network connectivity state.
android.permission.FOREGROUND_SERVICE	normal	enables regular apps to use Service.startForeground.	Allows a regular application to use Service.startForeground.
com.alivecor.aliveecg.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION	unknown	Unknown permission	Unknown permission from android reference

PERMISSION	STATUS	INFO	DESCRIPTION
com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE	normal	permission defined by google	A custom permission defined by Google.
com.google.android.gms.permission.AD_ID	normal	application shows advertisements	This app uses a Google advertising ID and can possibly serve advertisements.
android.permission.ACCESS_ADSERVICES_ATTRIBUTION	normal	allow applications to access advertising service attribution	This enables the app to retrieve information related to advertising attribution, which can be used for targeted advertising purposes. App can gather data about how users interact with ads, such as clicks or impressions, to measure the effectiveness of advertising campaigns.
android.permission.ACCESS_ADSERVICES_AD_ID	normal	allow app to access the device's advertising ID.	This ID is a unique, user-resettable identifier provided by Google's advertising services, allowing apps to track user behavior for advertising purposes while maintaining user privacy.
com.google.android.providers.gsf.permission.READ_GSERVICES	unknown	Unknown permission	Unknown permission from android reference
android.permission.VIBRATE	normal	control vibrator	Allows the application to control the vibrator.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.CAMERA	dangerous	take pictures and videos	Allows application to take pictures and videos with the camera. This allows the application to collect images that the camera is seeing at any time.
android.permission.MODIFY_AUDIO_SETTINGS	normal	change your audio settings	Allows application to modify global audio settings, such as volume and routing.
android.permission.READ_PHONE_STATE	dangerous	read phone state and identity	Allows the application to access the phone features of the device. An application with this permission can determine the phone number and serial number of this phone, whether a call is active, the number that call is connected to and so on.

M APKID ANALYSIS

FILE	DETAILS	
	FINDINGS	DETAILS
7195c34f7a05cdccbf99fe88e03dcb52.apk	Anti-VM Code	emulator file check possible VM check

FILE	DETAILS		
	FINDINGS	DETAILS	
classes.dex	Anti-VM Code	Build.FINGERPRINT check Build.TAGS check	
	Compiler	r8	
	FINDINGS	DETAILS	
classes2.dex	Anti-VM Code	Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.HARDWARE check Build.BOARD check Build.TAGS check SIM operator check network operator name check	
	Anti Debug Code	Debug.isDebuggerConnected() check	
	Compiler	r8 without marker (suspicious)	

FILE	DETAILS		
	FINDINGS	DETAILS	
	Anti Debug Code	Debug.isDebuggerConnected() check	
classes3.dex	Anti-VM Code	Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.HARDWARE check Build.TAGS check possible VM check	
	Compiler	r8 without marker (suspicious)	
	FINDINGS	DETAILS	
classes4.dex	Anti-VM Code	Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.HARDWARE check Build.BOARD check Build.TAGS check network operator name check subscriber ID check emulator file check	
	Compiler	r8 without marker (suspicious)	

BROWSABLE ACTIVITIES

ACTIVITY	INTENT
com.alivecor.aliveecg.SplashActivity	Schemes: aliveecg://, kardia://, https://, Hosts: m.alivecor.com, www.kardia.com, Paths: /,
com.alivecor.aliveecg.ScreenCreateRecordingExternal	Schemes: kardia://, Hosts: m.alivecor.com, Paths: /create_recording,
com.braintreepayments.api.DropInActivity	Schemes: com.alivecor.aliveecg.braintree://,
com.braintreepayments.api.BraintreeDeepLinkActivity	Schemes: com.alivecor.aliveecg.braintree.deeplinkhandler://,
com.google.firebase.auth.internal.GenericIdpActivity	Schemes: genericidp://, Hosts: firebase.auth, Paths: /,
com.google.firebase.auth.internal.RecaptchaActivity	Schemes: recaptcha://, Hosts: firebase.auth, Paths: /,

△ NETWORK SECURITY

HIGH: 0 | WARNING: 0 | INFO: 0 | SECURE: 0

NO	SCOPE	SEVERITY	DESCRIPTION

CERTIFICATE ANALYSIS

HIGH: 0 | WARNING: 0 | INFO: 1

TITLE	SEVERITY	DESCRIPTION
Signed Application	info	Application is signed with a code signing certificate

Q MANIFEST ANALYSIS

HIGH: 0 | WARNING: 46 | INFO: 0 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	DESCRIPTION
1	App can be installed on a vulnerable Android version Android 8.0, minSdk=26]		This application can be installed on an older version of android that has multiple vulnerabilities. Support an Android version => 10, API 29 to receive reasonable security updates.
2	App has a Network Security Configuration [android:networkSecurityConfig=@xml/network_security_config]		The Network Security Configuration feature lets apps customize their network security settings in a safe, declarative configuration file without modifying app code. These settings can be configured for specific domains and for a specific app.
3	Activity (com.alivecor.aliveecg.kardiav2.MainActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
4	Activity (com.alivecor.aliveecg.kardiav2.ui.profile.AboutActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
5	Activity (com.alivecor.aliveecg.kardiav2.ui.learnmore.TourActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
6	Activity (com.alivecor.aliveecg.kardiav2.ui.learnmore.lnnerCircleLearnMoreActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
7	Activity (com.alivecor.aliveecg.kardiav2.ui.learnmore.CarePlanLearnMoreActivity) 7 is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
8	Activity (com.alivecor.sync.AliveAccountAuthenticatorActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
9	Activity (com.alivecor.aliveecg.ScreenCreateRecordingExternal) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
10	TaskAffinity is set for activity (com.alivecor.onboarding.SetupWelcomeActivity)	warning	If taskAffinity is set, then other application could read the Intents sent to Activities belonging to another task. Always use the default setting keeping the affinity as the package name in order to prevent sensitive information inside sent or received Intents from being read by another application.
11	TaskAffinity is set for activity (com.alivecor.onboarding.TriangleSetupActivity)	warning	If taskAffinity is set, then other application could read the Intents sent to Activities belonging to another task. Always use the default setting keeping the affinity as the package name in order to prevent sensitive information inside sent or received Intents from being read by another application.

NO	ISSUE		DESCRIPTION
12	TaskAffinity is set for activity (com.alivecor.onboarding.TriangleManualActivity)		If taskAffinity is set, then other application could read the Intents sent to Activities belonging to another task. Always use the default setting keeping the affinity as the package name in order to prevent sensitive information inside sent or received Intents from being read by another application.
13	TaskAffinity is set for activity (com.alivecor.onboarding.Triangle6LeadManualActivity)		If taskAffinity is set, then other application could read the Intents sent to Activities belonging to another task. Always use the default setting keeping the affinity as the package name in order to prevent sensitive information inside sent or received Intents from being read by another application.
14	Activity (com.alivecor.ecg.record.ConsumerEkgActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
15	Broadcast Receiver (com.alivecor.aliveecg.notification.LocalReminderReceiver) is not Protected. [android:exported=true]		A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
16	Broadcast Receiver (com.alivecor.aliveecg.ReregisterAlarmReceiver) is not Protected. [android:exported=true]		A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
17	Broadcast Receiver (com.alivecor.aliveecg.SelfUpdatedReceiver) is not Protected. [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
18	Activity (com.alivecor.ecg.record.AliveCorDefaultActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
19	Activity (com.alivecor.ecg.record.determination.DeterminationActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
20	Activity (com.alivecor.ecg.record.determination.DeterminationDetailsActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
21	Activity (com.alivecor.kiwi.publicrecordapicommon.ui.onboarding.SetupPairingActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
22	Activity (com.alivecor.kiwi.publicrecordapicommon.ui.record.ekg.EKGRecordActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
23	Service (jp.co.omron.healthcare.communicationlibrary.ohq.OHQNotificationService) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.BIND_NOTIFICATION_LISTENER_SERVICE [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
24	Broadcast Receiver (com.alivecor.telekardia.utils.TCAlarmReceiver) is not Protected. [android:exported=true]		A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
25	Activity (com.alivecor.telekardia.TKAppointmentValidationActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
26	Activity (com.alivecor.telekardia.TKPushNotificationManagerActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
27	Activity (com.alivecor.telekardia.TKRescheduleAppointmentActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
28	Activity (com.alivecor.telekardia.ui.payment.retry.RetryPaymentActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
29	Activity (com.alivecor.telekardia.AppointmentIntakeFormActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
30	Activity (com.alivecor.telekardia.TKWaitingRoomActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
31	Activity (com.alivecor.telekardia.TKViewAppointmentDetailsActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
32	Activity (com.alivecor.telekardia.TKCollectFeedbackActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
33	Activity (com.alivecor.telekardia.TKBookAppointmentActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
34	Activity (com.alivecor.telekardia.ui.download.PreviewDownloadReportActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
35	Activity (com.alivecor.telecommunication.audio.TCAudioCallActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
36	Activity (com.alivecor.telecommunication.chat.TCChatActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
37	Activity (com.alivecor.telecommunication.video.TCVideoCallActivity) is not Protected. [android:exported=true]		An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
38	Service (com.alivecor.telecommunication.service.ConsultationNotificationKillService) is not Protected. [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
39	Activity (com.braintreepayments.api.DroplnActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
40	Activity (com.braintreepayments.api.BraintreeDeepLinkActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
41	Service (androidx.work.impl.background.systemjob.SystemJobService) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.BIND_JOB_SERVICE [android:exported=true]		A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
42	Broadcast Receiver (androidx.work.impl.diagnostics.DiagnosticsReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.DUMP [android:exported=true]		A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
43	Activity (com.google.firebase.auth.internal.GenericIdpActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.
44	Activity (com.google.firebase.auth.internal.RecaptchaActivity) is not Protected. [android:exported=true]	warning	An Activity is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device.

NO	ISSUE	SEVERITY	DESCRIPTION
45	Service (com.google.android.gms.auth.api.signin.RevocationBoundService) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.google.android.gms.auth.api.signin.permission.REVOCATION_NOTIFICATION [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
46	Broadcast Receiver (com.google.firebase.iid.FirebaseInstanceIdReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.google.android.c2dm.permission.SEND [android:exported=true]		A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
47	Broadcast Receiver (androidx.profileinstaller.ProfileInstallReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.DUMP [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.

</> CODE ANALYSIS

HIGH: 5 | WARNING: 10 | INFO: 3 | SECURE: 2 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	STANDARDS	FILES
1	Files may contain hardcoded sensitive information like usernames, passwords, keys etc.	warning	CWE: CWE-312: Cleartext Storage of Sensitive Information OWASP Top 10: M9: Reverse Engineering OWASP MASVS: MSTG-STORAGE-14	F0/Preference.java com/alivecor/data/models/DrugIngredien t.java com/alivecor/data/models/SyncChangeRe cord.java com/alivecor/pro/r.java com/braintreepayments/api/VisaCheckou tConfiguration.java com/opentok/android/DefaultAudioDevic e.java io/grpc/internal/R0.java io/reactivex/internal/schedulers/Schedule rPoolFactory.java x3/C4927g.java z3/C5062d.java z3/p.java z3/x.java
				A/d.java A3/i.java A3/j.java A3/j.java Aa/c.java B3/e.java B3/i.java Ba/c.java Bc/a.java C3/a.java Ca/a.java Cc/b.java D/t.java D3/c.java

NO	ISSUE	SEVERITY	STANDARDS	D3/g.java БШ-Б Sva
NO	13301	SLVLKIII	STANDARDS	D3/u.java
				,
				D3/v.java
				D5/k.java
				Dc/c.java
				Dc/e.java
				Ea/a.java
				F3/h.java
				Fa/a.java
				Fa/b.java
				G/c.java
				G3/C.java
				G3/C0999c.java
				G3/C1002f.java
				G3/F.java
				G3/n.java
				G3/p.java
				G3/q.java
				G3/u.java
				G5/a.java
				G6/o.java
				J0/a.java
				K/c.java
				K3/a.java
				K3/d.java
				K3/j.java
				K6/h.java
				L4/f.java
				L7/a.java
				M0/c.java
				M1/e.java
				M3/d.java
				M9/d.java
				N8/e.java
				N8/f.java
				N8/i.java
				O1/t.java
				O3/i.java
				Oc/e.java
				OC/ C.java

NO	ISSUE	SEVERITY	STANDARDS	P3/i.java F3LÆjS va T4/d java
NO	ISSUE	SEVERITY	STANDARDS	T3/d.java T7/c.java W/c.java X6/a.java Y/a.java a7/d.java b0/C1639a.java b7/C1677b.java com/airbnb/lottie/LottieAnimationView.ja va com/airbnb/lottie/PerformanceTracker.ja va com/airbnb/lottie/utils/LogcatLogger.java com/alivecor/ai/H.java com/alivecor/aliveecg/P4.java com/alivecor/aliveecg/kardiav2/MainActiv ityViewModel.java com/alivecor/aliveecg/kardiav2/model/di ary/MedicationDiaryItem.java com/alivecor/aliveecg/kardiav2/ui/profile /C1955n.java com/alivecor/aliveecg/kardiav2/viewhold er/history/ekg/HistoryPremiumViewMod el.java com/alivecor/api/RecordServerApi.java com/alivecor/common/ui/AcKitAnimation View.java
				View.java com/alivecor/data/models/DrugLog.java com/alivecor/ecg/record/AbstractC2432v 3.java com/alivecor/ecg/tagsandnotes/TagsView
				Model.java com/alivecor/neuralsuite/NeuralSuite.jav a com/alivecor/rest/c.java com/alivecor/telecommunication/audio/T CAudioCallActivity.java com/alivecor/telecommunication/g.java

NO	ISSUE	SEVERITY	STANDARDS	com/alivecor/telecommunication/video/T EVicEs CallActivity.java com/alivecor/universal_monitor/audio/A
2	The App logs information. Sensitive information should never be logged.	info	CWE: CWE-532: Insertion of Sensitive Information into Log File OWASP MASVS: MSTG-STORAGE-3	udioInput.java com/alivecor/universal_monitor/bluetoot h/BluetoothDeviceController.java com/alivecor/universal_monitor/devices/ BLEDevice.java com/braintreepayments/api/C2575l0.jav a com/braintreepayments/api/C2597p2.jav a com/braintreepayments/api/R3.java com/bumptech/glide/b.java com/bumptech/glide/load/data/b.java com/bumptech/glide/load/data/j.java com/bumptech/glide/manager/e.java com/bumptech/glide/manager/e.java com/bumptech/glide/manager/p.java com/bumptech/glide/manager/p.java com/bumptech/glide/manager/p.java com/bumptech/glide/manager/p.java com/cardinalcommerce/a/R0.java com/cardinalcommerce/a/S0.java com/cardinalcommerce/a/x1.java com/github/mikephil/charting/charts/Bar Chart.java com/github/mikephil/charting/charts/Hor izontalBarChart.java com/github/mikephil/charting/charts/Hor izontalBarChart.java com/github/mikephil/charting/charts/b.ja va com/github/mikephil/charting/charts/b.ja va com/jibm/icu/impl/C.java com/ibm/icu/impl/C.java com/ibm/icu/impl/C.java com/ibm/icu/impl/J.java

NO	ISSUE	SEVERITY	STANDARDS	com/ibm/icu/text/T.java ស្នែងមីវិសា/icu/text/V.java
				com/nexmo/minirtcsdk/MRTCMediaNativ
				e.java
				com/nexmo/minirtcsdk/MiniRTCNativeLi
				brary.java
				com/nexmo/minirtcsdk/devicelayer/Audi
				oFocusListener.java
				com/nexmo/minirtcsdk/devicelayer/Devi
				ceLayer.java
				com/nexmo/minirtcsdk/devicelayer/Devi
				ceLayerPermissionManager.java
				com/nexmo/minirtcsdk/devicelayer/Netw
				orkReceiver.java
				com/nexmo/minirtcsdk/devicelayer/OnN
				etworkConnectionStateChangedListener.j
				ava
				com/opentok/android/BaseVideoCapture
				r.java
				com/opentok/android/OtLog.java
				com/wdullaer/materialdatetimepicker/da
				te/h.java
				com/wdullaer/materialdatetimepicker/ti
				me/RadialPickerLayout.java
				com/wdullaer/materialdatetimepicker/ti
				me/c.java
				com/wdullaer/materialdatetimepicker/ti
				me/d.java
				d0/C2948a.java
				d7/g.java
				fd/b.java
				gd/a.java
				gd/c.java
				h0/C3188b.java
				hd/a.java
				i7/C3311i.java
				j/MenultemC3406c.java
				I2/G3.java
				I2/L4.java
				13/C3843B.java
				9

NO	ISSUE	SEVERITY	STANDARDS	l3/E0.java Frl0/E\$ ava m3/v.java
NO	ISSUE	SEVERITY	STANDARDS	m3/v.java m3/v.java m6/l.java n1/C4113t.java net/sqlcipher/AbstractCursor.java net/sqlcipher/BulkCursorToCursorAdapto r.java net/sqlcipher/DatabaseUtils.java net/sqlcipher/DefaultDatabaseErrorHandl er.java net/sqlcipher/database/SQLiteCompiledS ql.java net/sqlcipher/database/SQLiteContentHel per.java net/sqlcipher/database/SQLiteDatabase.j ava net/sqlcipher/database/SQLiteDebug.java net/sqlcipher/database/SQLiteOpenHelpe r.java net/sqlcipher/database/SQLiteProgram.ja va net/sqlcipher/database/SQLiteProgram.ja va
				net/sqlcipher/database/SQLiteQueryBuild er.java net/sqlcipher/database/SqliteWrapper.jav a o0/s.java o0/z.java o2/C4258a.java o3/C4260b.java org/joda/time/tz/DateTimeZoneBuilder.ja va p/d.java p8/C4360a.java pub/devrel/easypermissions/AppSettings Dialog.java q0/C4385a.java q2/C4393b.java q5/AbstractC4399a.java

NO	ISSUE	SEVERITY	STANDARDS	r7/C4459a.java FJJcES 60b.java r7/C4461c.java
				s/f.java t0/C4602d.java u/C4679a.java u0/C4683a.java v3/C4762a.java w0/C4801b.java w3/d.java w3/e.java w5/C4820a.java w8/C4850a.java x0/C4884M.java x5/m.java y2/m0.java y3/c.java z3/C5067i.java z3/RunnableC5066h.java
3	App uses SQLite Database and execute raw SQL query. Untrusted user input in raw SQL queries can cause SQL Injection. Also sensitive information should be encrypted and written to the database.	warning	CWE: CWE-89: Improper Neutralization of Special Elements used in an SQL Command ('SQL Injection') OWASP Top 10: M7: Client Code Quality	z3/k.java 经净消费 练列测量 统列 统列 统列 统列 S7/g.java net/sqlcipher/DatabaseUtils.java net/sqlcipher/database/SQLiteDatabase.j ava t0/C4601c.java
4	App can read/write to External Storage. Any App can read data written to External Storage.	warning	CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2	E2/r.java o3/C4260b.java o4/C4266a.java w8/C4850a.java y4/C4995a.java yc/C5032A.java yc/M.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
5	The App uses an insecure Random Number Generator.	warning	CWE: CWE-330: Use of Insufficiently Random Values OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-6	Ec/s.java G9/i.java L9/f.java L9/f.java Rc/d.java Rc/h.java Wa/a.java Wa/b.java Xa/a.java io/grpc/internal/B0.java io/grpc/internal/E.java io/grpc/internal/G.java jp/co/omron/healthcare/communicationli brary/ohq/a.java la/C3912c.java la/e.java m6/L.java
6	SHA-1 is a weak hash known to have hash collisions.	warning	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-4	B4/c.java com/alivecor/api/HmacKeyConfigManage r.java
7	This App uses SSL certificate pinning to detect or prevent MITM attacks in secure communication channel.	secure	OWASP MASVS: MSTG-NETWORK-4	Ac/i.java L2/o.java Nc/c.java Nc/d.java Nc/i.java Nc/j.java com/alivecor/rest/e.java com/braintreepayments/api/C2583m3.ja va f8/C3135a.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
8	MD5 is a weak hash known to have hash collisions.	warning	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-4	B8/b.java com/airbnb/lottie/network/NetworkCach e.java com/alivecor/data/models/BpDatabaseIte m.java com/alivecor/sync/C2494a.java I3/E0.java
9	IP Address disclosure	warning	CWE: CWE-200: Information Exposure OWASP MASVS: MSTG-CODE-2	c4/C1707a.java yc/C5032A.java
10	This App may have root detection capabilities.	secure	OWASP MASVS: MSTG-RESILIENCE-1	O1/k.java com/alivecor/api/util/DeviceRootValidato r.java com/cardinalcommerce/a/s1.java i7/w.java yc/C5032A.java
11	App creates temp file. Sensitive information should never be written into a temp file.	warning	CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2	com/alivecor/telekardia/utils/f.java n2/C4129b.java o0/z.java o4/C4266a.java y2/C4968b0.java
12	The App uses the encryption mode CBC with PKCS5/PKCS7 padding. This configuration is vulnerable to padding oracle attacks.	high	CWE: CWE-649: Reliance on Obfuscation or Encryption of Security-Relevant Inputs without Integrity Checking OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-3	b4/C1658b.java
13	This App uses SQL Cipher. SQLCipher provides 256-bit AES encryption to sqlite database files.	info	OWASP MASVS: MSTG-CRYPTO-1	com/alivecor/telekardia/utils/f.java n2/C4129b.java net/sqlcipher/database/SupportHelper.ja va

NO	ISSUE	SEVERITY	STANDARDS	FILES
14	Insecure WebView Implementation. Execution of user controlled code in WebView is a critical Security Hole.	warning	CWE: CWE-749: Exposed Dangerous Method or Function OWASP Top 10: M1: Improper Platform Usage OWASP MASVS: MSTG-PLATFORM-7	com/alivecor/aliveecg/kardiav2/ui/care/p urchase/PlanSelectionWebViewFragment. java com/alivecor/fcm/InAppMessagingWebVi ewActivity.java
15	Insecure WebView Implementation. WebView ignores SSL Certificate errors and accept any SSL Certificate. This application is vulnerable to MITM attacks	high	CWE: CWE-295: Improper Certificate Validation OWASP Top 10: M3: Insecure Communication OWASP MASVS: MSTG-NETWORK-3	com/alivecor/aliveecg/kardiav2/ui/care/p urchase/PlanSelectionWebViewFragment. java com/alivecor/fcm/InAppMessagingWebVi ewActivity.java
16	App can write to App Directory. Sensitive Information should be encrypted.	info	CWE: CWE-276: Incorrect Default Permissions OWASP MASVS: MSTG-STORAGE-14	E8/p.java
17	The file or SharedPreference is World Readable. Any App can read from the file	high	CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2	com/alivecor/aliveecg/UserProfile.java
18	Weak Encryption algorithm used	high	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-4	com/alivecor/sync/C2494a.java
19	The App uses ECB mode in Cryptographic encryption algorithm. ECB mode is known to be weak as it results in the same ciphertext for identical blocks of plaintext.	high	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-2	J0/c.java
20	This App may request root (Super User) privileges.	warning	CWE: CWE-250: Execution with Unnecessary Privileges OWASP MASVS: MSTG-RESILIENCE-1	yc/u.java

■ NIAP ANALYSIS v1.3

NO IDENTIFIER REQUIREMENT FEATURE DESCRIPTION

BEHAVIOUR ANALYSIS

RULE ID	BEHAVIOUR	LABEL	FILES
00161	Perform accessibility service action on accessibility node info	accessibility service	D/t.java
00173	Get bounds in screen of an AccessibilityNodeInfo and perform action	accessibility service	D/t.java
00112	Get the date of the calendar event	collection calendar	com/alivecor/aliveecg/UserProfileActivity.java com/alivecor/telekardia/ui/timeslot/TimeSlotSelectionFragment.java jp/co/omron/healthcare/communicationlibrary/ogsc/i.java l3/E0.java w8/b.java
00192	Get messages in the SMS inbox	sms	com/alivecor/aliveecg/presenter/bp/H.java com/alivecor/aliveecg/presenter/weight/j.java l3/E0.java

RULE ID	BEHAVIOUR	LABEL	FILES
00063	Implicit intent(view a web page, make a phone call, etc.)	control	M9/d.java Q0/T.java com/alivecor/aliveecg/KardiaConnectCodeActivity.java com/alivecor/aliveecg/V1.java com/alivecor/aliveecg/deeplink/a.java com/alivecor/aliveecg/kardiav2/ui/determination/a.java com/alivecor/aliveecg/kardiav2/ui/profile/ManageRemindersActivity.java com/alivecor/aliveecg/presenter/bp/H.java com/alivecor/aliveecg/presenter/bp/ManageBpDevicesActivity.java com/alivecor/aliveecg/presenter/onboard/OnboardActivity.java com/alivecor/aliveecg/presenter/weight/j.java com/alivecor/ecg/record/AbstractC2432v3.java com/alivecor/ecg/record/S6.java com/alivecor/kiwi/publicrecordapicommon/ui/onboarding/LocationPermissionD eniedFragment.java com/alivecor/sync/AliveAccountActivity.java com/alivecor/sync/DialogVersionCheckerActivity.java com/alivecor/telekardia/utils/k.java com/braintreepayments/api/C2565j0.java l3/E0.java
00051	Implicit intent(view a web page, make a phone call, etc.) via setData	control	H1/e.java com/alivecor/aliveecg/V1.java com/alivecor/aliveecg/deeplink/a.java com/alivecor/aliveecg/kardiav2/ui/profile/ManageRemindersActivity.java com/alivecor/aliveecg/presenter/bp/H.java com/alivecor/aliveecg/presenter/bp/ManageBpDevicesActivity.java com/alivecor/aliveecg/presenter/weight/j.java com/alivecor/ecg/record/S6.java com/alivecor/telekardia/utils/k.java com/braintreepayments/api/C2565j0.java l3/E0.java

RULE ID	BEHAVIOUR	LABEL	FILES
00022	Open a file from given absolute path of the file	file	E2/r.java O/m.java com/airbnb/lottie/LottieCompositionFactory.java com/airbnb/lottie/network/NetworkCache.java com/airbnb/lottie/network/NetworkFetcher.java com/aiirbnb/lottie/network/NetworkFetcher.java com/alivecor/ai/G.java com/alivecor/ai/z.java com/alivecor/aliveecg/sharing/SavePdfService.java com/alivecor/telekardia/utils/f.java g2/b.java l3/E0.java n2/C4129b.java n3/C4133d.java o0/z.java o2/C4258a.java o3/C4260b.java o3/C4264f.java o4/C4271f.java s4/c.java t0/C4602d.java y2/C4968b0.java y4/C4995a.java yc/z.java z8/C5080a.java

RULE ID	BEHAVIOUR	LABEL	FILES
00013	Read file and put it into a stream	file	C8/c.java D3/g.java F6/g.java O/m.java Pa/l.java Pa/l.java R0/b.java U1/a.java com/airbnb/lottie/network/NetworkCache.java com/airbnb/lottie/network/NetworkFetcher.java com/alivecor/alivecog/sharing/PrintActivity.java com/alivecor/pro/C2489s.java com/bumptech/glide/load/a.java com/cardinalcommerce/a/R0.java com/ibm/icu/impl/C2874w.java e5/C3045d.java I3/E0.java m4/b.java n3/C4133d.java oo/z.java okio/OkiolymOkioKt.java org/joda/time/tz/ZoneInfoProvider.java pa/C4375b.java q0/C4386b.java u8/C4710b.java v3/C4762a.java
00012	Read data and put it into a buffer stream	file	U1/a.java com/alivecor/pro/C2489s.java n3/C4133d.java
00191	Get messages in the SMS inbox	sms	com/alivecor/sync/C2514v.java l3/E0.java

RULE ID	BEHAVIOUR	LABEL	FILES
00091	Retrieve data from broadcast	collection	com/alivecor/aliveecg/AbstractC1825d.java com/alivecor/aliveecg/EcgReviewActivity.java com/alivecor/aliveecg/EkgHistoryActivity.java com/alivecor/aliveecg/KardiaConnectCodeActivity.java com/alivecor/aliveecg/MedicalConditionActivity.java com/alivecor/aliveecg/TagSearchCreateActivity.java com/alivecor/aliveecg/TagSandNoteActivity.java com/alivecor/aliveecg/TagSAndNoteActivity.java com/alivecor/aliveecg/LoserProfileActivity.java com/alivecor/aliveecg/kardiav2/MainActivity.java com/alivecor/aliveecg/kardiav2/ui/bp/OmronBpDevicePairingActivity.java com/alivecor/aliveecg/kardiav2/ui/care/innercircle/InnerCircleFragment.java com/alivecor/aliveecg/kardiav2/ui/care/upsell/UpSellActivity.java com/alivecor/aliveecg/kardiav2/ui/diary/DiaryFragment.java com/alivecor/aliveecg/kardiav2/ui/profile/C1935d.java com/alivecor/aliveecg/kardiav2/ui/profile/C1956n0.java com/alivecor/aliveecg/kardiav2/ui/profile/HealthDetailsActivity.java com/alivecor/aliveecg/kardiav2/ui/profile/ProfileFragment.java com/alivecor/aliveecg/kardiav2/ui/profile/ProfileFragment.java com/alivecor/ecg/record/ConsumerEkgActivity.java com/alivecor/overread/AnalysisReportActivity.java jp/co/omron/healthcare/communicationlibrary/ohq/e.java
00054	Install other APKs from file	reflection	com/alivecor/aliveecg/T2.java
00025	Monitor the general action to be performed	reflection	com/alivecor/aliveecg/KardiaConnectCodeActivity.java com/alivecor/aliveecg/T2.java
00125	Check if the given file path exist	file	com/alivecor/aliveecg/T2.java com/alivecor/aliveecg/stethio/ui/StethIODetailsFragment.java com/alivecor/overread/AnalysisReportActivity.java e1/U.java I3/E0.java y2/C4968b0.java z8/C5080a.java

RULE ID	BEHAVIOUR	LABEL	FILES	
00036	Get resource file from res/raw directory reflection		M9/d.java com/alivecor/ecg/record/S6.java com/alivecor/telekardia/utils/k.java l3/E0.java yc/C5032A.java	
00026	Method reflection	reflection	ob/C4293a.java ob/C4294b.java	
00049	Query the phone number from SMS sender	sms collection	jp/co/omron/healthcare/communicationlibrary/ohq/e.java	
00065	Get the country code of the SIM card provider collection		com/alivecor/aliveecg/AppPreferencesActivity.java com/cardinalcommerce/a/u1.java	
00132	Query The ISO country code telephony collection		G6/J.java com/alivecor/aliveecg/AppPreferencesActivity.java com/cardinalcommerce/a/u1.java l3/E0.java	
00009	Put data in cursor to JSON object	file	S7/g.java com/alivecor/aliveecg/P0.java com/alivecor/sync/C2518z.java l3/M.java y2/C4968b0.java yc/C5032A.java	
00062	Query WiFi information and WiFi Mac Address	wifi collection	yc/C5032A.java	

RULE ID	BEHAVIOUR	LABEL	FILES	
00130	Get the current WIFI information wifi collection		com/cardinalcommerce/a/RunnableC2653b1.java yc/C5032A.java yc/M.java	
00116	Get the current WiFi MAC address and put it into JSON	wifi collection	yc/C5032A.java	
00004	Get filename and put it to JSON object file collection		com/airbnb/lottie/LottieCompositionFactory.java com/alivecor/sync/C2518z.java y2/C4968b0.java yc/C5032A.java yc/M.java	
00076	Get the current WiFi information and put it into JSON	collection wifi	yc/C5032A.java yc/M.java	
00082	Get the current WiFi MAC address	collection wifi	yc/C5032A.java	
00162	Create InetSocketAddress object and connecting to it		Nc/b.java Nc/j.java	
00163	Create new Socket and connecting to it socket		Nc/b.java Nc/j.java	
00056	Modify voice volume	control	org/otwebrtc/voiceengine/WebRtcAudioTrack.java org/otwebrtc/voiceengine61/WebRtcAudioTrack.java org/webrtc/voiceengine/WebRtcAudioTrack.java	
00183	Get current camera parameters and change the setting.	camera	com/opentok/android/DefaultVideoCapturer.java org/otwebrtc/Camera1Session.java org/webrtc/Camera1Session.java	

RULE ID	BEHAVIOUR	LABEL	FILES	
00078	Get the network operator name	collection telephony	S7/n.java com/cardinalcommerce/a/u1.java	
00034	Query the current data network type	collection network	com/cardinalcommerce/a/u1.java	
00089	Connect to a URL and receive input stream from the server		Ea/a.java F6/r.java T7/b.java com/bumptech/glide/load/data/j.java n3/h.java	
00030	Connect to the remote server through the given URL	network	Ea/a.java F6/r.java com/airbnb/lottie/network/DefaultLottieNetworkFetcher.java com/bumptech/glide/load/data/j.java linc/com/amplituda/FileManager.java	
00109	Connect to a URL and get the response code network command		Ea/a.java F6/r.java T7/b.java com/bumptech/glide/load/data/j.java n3/h.java	
00189	Get the content of a SMS message	sms	B4/f.java o0/C4230d.java	
00188	Get the address of a SMS message	sms	B4/f.java o0/C4230d.java	
00200	Query data from the contact list	collection contact	B4/f.java o0/C4230d.java	

RULE ID	BEHAVIOUR	LABEL	FILES
00187	Query a URI and check the result	collection sms calllog calendar	o0/C4230d.java
00201	Query data from the call log	collection calllog	B4/f.java o0/C4230d.java
00096	Connect to a URL and set request method	command network	Ea/a.java F6/r.java T7/b.java com/airbnb/lottie/network/DefaultLottieNetworkFetcher.java linc/com/amplituda/FileManager.java n3/h.java
00153	Send binary data over HTTP	http	n3/h.java
00024	Write file after Base64 decoding reflection file		E2/r.java com/airbnb/lottie/LottieCompositionFactory.java
00094	Connect to a URL and read data from it command network		F6/r.java T7/b.java linc/com/amplituda/FileManager.java
00108	Read the input stream from given URL network command		F6/r.java T7/b.java com/braintreepayments/api/C2633x.java
00208	Capture the contents of the device screen	collection screen	org/otwebrtc/ScreenCapturerAndroid.java org/webrtc/ScreenCapturerAndroid.java
00042	Query WiFi BSSID and scan results	collection wifi	yc/M.java

RULE ID	BEHAVIOUR	LABEL	FILES	
00137	Get last known location of the device	location collection	yc/M.java	
00139	Get the current WiFi id	collection wifi	com/cardinalcommerce/a/RunnableC2653b1.java yc/M.java	
00115	Get last known location of the device	collection location	yc/M.java	
00066	Query the ICCID number	collection	yc/M.java	
00135	Get the current WiFi id and put it into JSON.	wifi collection	yc/M.java	
00067	Query the IMSI number	collection	yc/M.java	
00113	Get location and put it into JSON	collection location	yc/M.java	
00016	Get location info of the device and put it to JSON object	location collection	yc/M.java	
00123	Save the response to JSON after connecting to the remote server	network command	Ea/a.java	
00079	Hide the current app's icon	evasion	G0/q.java	
00147	Get the time of current location	collection location	l3/E0.java	
00121	Create a directory	file command	com/alivecor/aliveecg/stethio/ui/StethIODetailsFragment.java l3/E0.java y2/C4968b0.java	

RULE ID	BEHAVIOUR	LABEL	FILES		
00028	Read file from assets directory	file	F6/c.java I3/E0.java		
00071	Write the ISO country code of the current network operator into a file	collection command network file	l3/E0.java		
00104	Check if the given path is directory	file	l3/E0.java		
00128	Query user account information	collection account	com/alivecor/sync/AliveAccountActivity.java		
00033	Query the IMEI number	collection	J0/c.java		
00199	Stop recording and release recording resources	record	org/webrtc/CameraCapturer.java		
00005	Get absolute path of file and put it to JSON object	I TILE I VZ/C496XDU IAVA			
00014	Read file into a stream and put it into a JSON object	file	pa/C4375b.java		
00114	Create a secure socket connection to the proxy address	network command	Jc/f.java		
00102	Set the phone speaker on	command	com/opentok/android/DefaultAudioDevice.java		
00077	Read sensitive data(SMS, CALLLOG, etc)	collection sms calllog calendar	com/alivecor/telekardia/ui/upcoming/ViewUpcomingAppointmentDetailsFragr nt.java y3/c.java		

RULE ID	BEHAVIOUR	LABEL	FILES
00175	Get notification manager and cancel notifications	notification	com/alivecor/telekardia/utils/e.java

FIREBASE DATABASES ANALYSIS

TITLE	SEVERITY	DESCRIPTION
App talks to a Firebase database	info	The app talks to Firebase database at https://aliveecg-android.firebaseio.com
Firebase Remote Config disabled	secure	Firebase Remote Config is disabled for https://firebaseremoteconfig.googleapis.com/v1/projects/242230815243/namespaces/firebase:fetch? key=AlzaSyBo5xFkcu0gh53x1gXgPSze37P_IGUKBDQ. This is indicated by the response: {'state': 'NO_TEMPLATE'}

***: ::** ABUSED PERMISSIONS

TYPE	MATCHES	PERMISSIONS
Malware Permissions	13/25	android.permission.INTERNET, android.permission.RECORD_AUDIO, android.permission.ACCESS_NETWORK_STATE, android.permission.GET_ACCOUNTS, android.permission.ACCESS_FINE_LOCATION, android.permission.ACCESS_COARSE_LOCATION, android.permission.RECEIVE_BOOT_COMPLETED, android.permission.WAKE_LOCK, android.permission.WRITE_EXTERNAL_STORAGE, android.permission.READ_EXTERNAL_STORAGE, android.permission.VIBRATE, android.permission.CAMERA, android.permission.READ_PHONE_STATE

TYPE	MATCHES	PERMISSIONS
Other Common Permissions	11/44	android.permission.AUTHENTICATE_ACCOUNTS, android.permission.BLUETOOTH, android.permission.BLUETOOTH_ADMIN, com.google.android.c2dm.permission.RECEIVE, android.permission.ACTIVITY_RECOGNITION, android.permission.READ_CALENDAR, android.permission.CHANGE_NETWORK_STATE, android.permission.FOREGROUND_SERVICE, com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE, com.google.android.gms.permission.AD_ID, android.permission.MODIFY_AUDIO_SETTINGS

Malware Permissions:

Top permissions that are widely abused by known malware.

Other Common Permissions:

Permissions that are commonly abused by known malware.

• OFAC SANCTIONED COUNTRIES

This app may communicate with the following OFAC sanctioned list of countries.

DOMAIN	COUNTRY/REGION
DOMAIN	COUNTRY/REGIO

Q DOMAIN MALWARE CHECK

DOMAIN	STATUS	GEOLOCATION
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DOMAIN	STATUS	GEOLOCATION
www.mayoclinichealthsystem.org	ok	IP: 23.204.250.85 Country: United States of America Region: California City: Los Angeles Latitude: 34.052231 Longitude: -118.243683 View: Google Map
www.content.image	ok	No Geolocation information available.
www.kardia.com	ok	IP: 34.195.109.151 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
dev-alivecor-us.myshopify.com	ok	IP: 23.227.38.74 Country: Canada Region: Ontario City: Ottawa Latitude: 45.418877 Longitude: -75.696510 View: Google Map
www.protocol.netdoc	ok	No Geolocation information available.
www.protocol.doc	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
c.paypal.com	ok	IP: 151.101.193.21 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
centinelapistag.cardinalcommerce.com	ok	IP: 198.217.251.251 Country: United States of America Region: California City: San Francisco Latitude: 37.609699 Longitude: -122.386948 View: Google Map
bugreport.java.com@java@@@@@@@@bug@@@@@@@@	ok	No Geolocation information available.
www.protocol.verbatim	ok	No Geolocation information available.
alivecor.zendesk.com	ok	IP: 216.198.53.6 Country: United States of America Region: California City: San Francisco Latitude: 37.773968 Longitude: -122.410446 View: Google Map
www.protocol.https	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
s.firebaseapp.com	ok	IP: 199.36.158.100 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
bugs.java.com	ok	IP: 23.213.190.84 Country: Canada Region: Ontario City: Etobicoke Latitude: 43.654209 Longitude: -79.567108 View: Google Map
eu.alivecor.com	ok	IP: 3.72.151.180 Country: Germany Region: Hessen City: Frankfurt am Main Latitude: 50.115520 Longitude: 8.684170 View: Google Map
global-kardia-production.alivecor.com	ok	IP: 34.195.109.151 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map

DOMAIN	STATUS	GEOLOCATION
omronhealthcare.com	ok	IP: 104.20.28.93 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
api.sandbox.braintreegateway.com	ok	IP: 159.242.242.129 Country: United States of America Region: Illinois City: Chicago Latitude: 41.888401 Longitude: -87.635101 View: Google Map
us-telekardia-production.alivecor.com	ok	IP: 54.161.81.179 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
issuetracker.google.com	ok	IP: 64.233.177.100 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
api.braintreegateway.com	ok	IP: 52.40.66.148 Country: United States of America Region: Oregon City: Portland Latitude: 45.523449 Longitude: -122.676208 View: Google Map
www.paypal.com	ok	IP: 151.101.1.21 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
eu-kardia-api-dev.alivecor.com	ok	No Geolocation information available.
us-telekardia-staging.alivecor.com	ok	IP: 98.82.143.29 Country: United States of America Region: Washington City: Seattle Latitude: 47.606209 Longitude: -122.332069 View: Google Map
centinelapi.cardinalcommerce.com	ok	IP: 198.217.251.250 Country: United States of America Region: California City: San Francisco Latitude: 37.609699 Longitude: -122.386948 View: Google Map

DOMAIN	STATUS	GEOLOCATION
c.sandbox.paypal.com	ok	IP: 151.101.3.1 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
www.mayoclinic.org	ok	IP: 23.204.250.85 Country: United States of America Region: California City: Los Angeles Latitude: 34.052231 Longitude: -118.243683 View: Google Map
www.content.audio	ok	No Geolocation information available.
us-kardia-production.alivecor.com	ok	IP: 34.195.109.151 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
ws.nexmo.com	ok	IP: 168.100.81.10 Country: United States of America Region: New Jersey City: Holmdel Latitude: 40.383961 Longitude: -74.170563 View: Google Map

DOMAIN	STATUS	GEOLOCATION
eu-alivecor-staging.alivecor.com	ok	IP: 18.199.108.95 Country: Germany Region: Hessen City: Frankfurt am Main Latitude: 50.115520 Longitude: 8.684170 View: Google Map
www.cdc.gov	ok	IP: 23.52.208.211 Country: Argentina Region: Ciudad Autonoma de Buenos Aires City: Buenos Aires Latitude: -34.613152 Longitude: -58.377232 View: Google Map
www.protocol.ftp	ok	No Geolocation information available.
bugreport.java.com	ok	IP: 23.213.190.84 Country: Canada Region: Ontario City: Etobicoke Latitude: 43.654209 Longitude: -79.567108 View: Google Map
www.alivecor.com	ok	IP: 34.195.109.151 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map

DOMAIN	STATUS	GEOLOCATION
www.protocol.mailto	ok	No Geolocation information available.
b.stats.paypal.com	ok	IP: 34.106.92.18 Country: United States of America Region: Utah City: Salt Lake City Latitude: 40.760780 Longitude: -111.891052 View: Google Map
us-kardia-staging.alivecor.com	ok	IP: 98.83.230.1 Country: United States of America Region: Washington City: Seattle Latitude: 47.606209 Longitude: -122.332069 View: Google Map
www.protocol.systemresource	ok	No Geolocation information available.
www.protocol.http	ok	No Geolocation information available.
eu-kardia-k8s.development.alivecor.net	ok	No Geolocation information available.
www.zetetic.net	ok	IP: 18.238.96.79 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map

DOMAIN	STATUS	GEOLOCATION
store.kardia.com	ok	IP: 54.161.81.179 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
www.w3.org	ok	IP: 104.18.22.19 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
github.com	ok	IP: 140.82.114.3 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
www.protocol.jar	ok	No Geolocation information available.
www.heart.org	ok	IP: 104.18.26.158 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map

DOMAIN	STATUS	GEOLOCATION
global-kardia-staging.alivecor.com	ok	IP: 98.83.230.1 Country: United States of America Region: Washington City: Seattle Latitude: 47.606209 Longitude: -122.332069 View: Google Map
10.0.2.2	ok	IP: 10.0.2.2 Country: - Region: - City: - Latitude: 0.000000 Longitude: 0.000000 View: Google Map
developer.android.com	ok	IP: 64.233.176.102 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
api.nexmo.com	ok	IP: 168.100.80.10 Country: United States of America Region: New Jersey City: Holmdel Latitude: 40.383961 Longitude: -74.170563 View: Google Map

DOMAIN	STATUS	GEOLOCATION
stagingapi.stethio.com	ok	IP: 18.211.107.33 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
bugs.java.com0000000000000	ok	No Geolocation information available.
www.protocol.file	ok	No Geolocation information available.
us-kardia-api-dev.alivecor.com	ok	No Geolocation information available.
www.http	ok	No Geolocation information available.
eu-alivecor-dev.alivecor.com	ok	No Geolocation information available.
ns.adobe.com	ok	No Geolocation information available.
alivecor.myshopify.com	ok	IP: 23.227.38.74 Country: Canada Region: Ontario City: Ottawa Latitude: 45.418877 Longitude: -75.696510 View: Google Map

DOMAIN	STATUS	GEOLOCATION
eu-kardia-staging.alivecor.com	ok	IP: 18.194.30.141 Country: Germany Region: Hessen City: Frankfurt am Main Latitude: 50.115520 Longitude: 8.684170 View: Google Map
eu-kardia-production.alivecor.com	ok	IP: 3.72.151.180 Country: Germany Region: Hessen City: Frankfurt am Main Latitude: 50.115520 Longitude: 8.684170 View: Google Map
support.apple.com	ok	IP: 23.40.173.114 Country: United States of America Region: California City: Los Angeles Latitude: 34.052231 Longitude: -118.243683 View: Google Map
api.stethio.com	ok	IP: 52.5.2.146 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map

DOMAIN	STATUS	GEOLOCATION
api.opentok.com	ok	IP: 168.100.107.249 Country: United States of America Region: New Jersey City: Holmdel Latitude: 40.383961 Longitude: -74.170563 View: Google Map
alivecor.com	ok	IP: 34.195.109.151 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
play.google.com	ok	IP: 172.253.124.139 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
cmsdk.cardinalcommerce.com	ok	IP: 198.217.251.250 Country: United States of America Region: California City: San Francisco Latitude: 37.609699 Longitude: -122.386948 View: Google Map

DOMAIN	STATUS	GEOLOCATION
aliveecg-android.firebaseio.com	ok	IP: 35.190.39.113 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
braintreepayments.com	ok	IP: 151.101.67.1 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
exoplayer.dev	ok	IP: 185.199.108.153 Country: United States of America Region: Pennsylvania City: California Latitude: 40.065632 Longitude: -79.891708 View: Google Map
api.mixpanel.com	ok	IP: 35.190.25.25 Country: United States of America Region: Missouri City: Kansas City Latitude: 39.099731 Longitude: -94.578568 View: Google Map
www.protocol.gopher	ok	No Geolocation information available.

DOMAIN	STATUS	GEOLOCATION
developer.paypal.com	ok	IP: 151.101.65.21 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
www.paypalobjects.com	ok	IP: 104.18.34.93 Country: United States of America Region: Texas City: Dallas Latitude: 32.783058 Longitude: -96.806671 View: Google Map
www.googleapis.com	ok	IP: 142.251.15.95 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
us-kardia-k8s.development.alivecor.net	ok	No Geolocation information available.
www.content.text	ok	No Geolocation information available.



EMAIL	FILE
connectivitylibrary@omron.com	z8/C5080a.java
sales@alivecor.com	com/alivecor/api/ApiKeyException.java
support@alivecor.com support@alivecor.com	Android String Resource

** TRACKERS

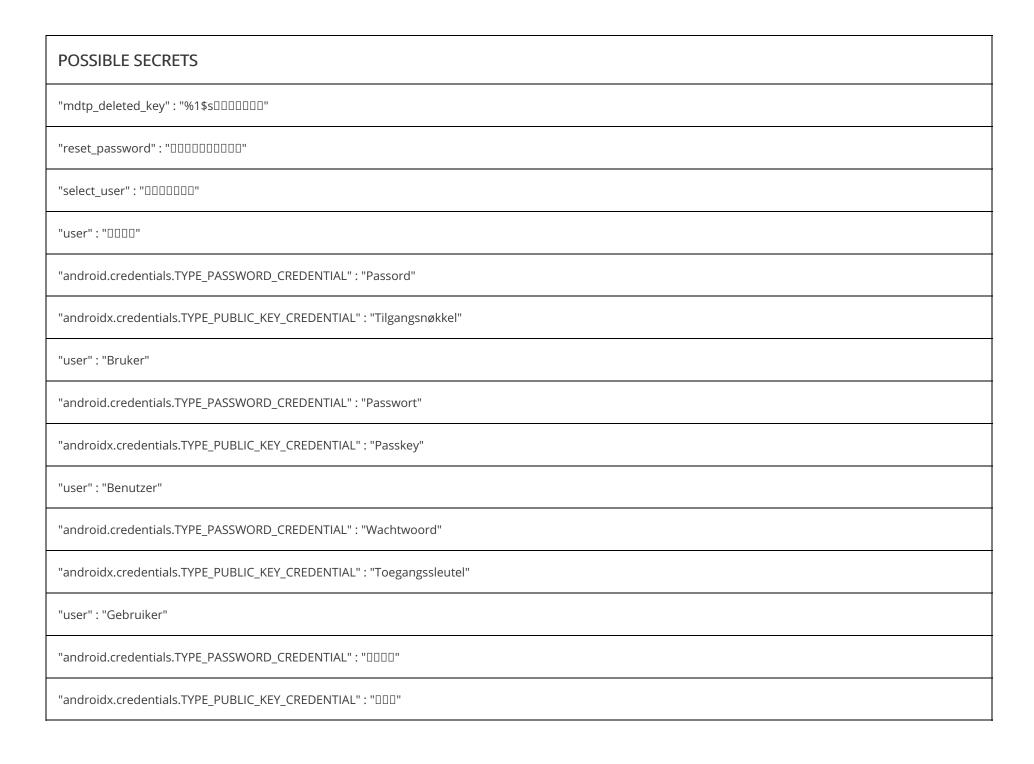
TRACKER	CATEGORIES	URL
Google Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/48
Google CrashLytics	Crash reporting	https://reports.exodus-privacy.eu.org/trackers/27
Google Firebase Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/49
Google Tag Manager	Analytics	https://reports.exodus-privacy.eu.org/trackers/105

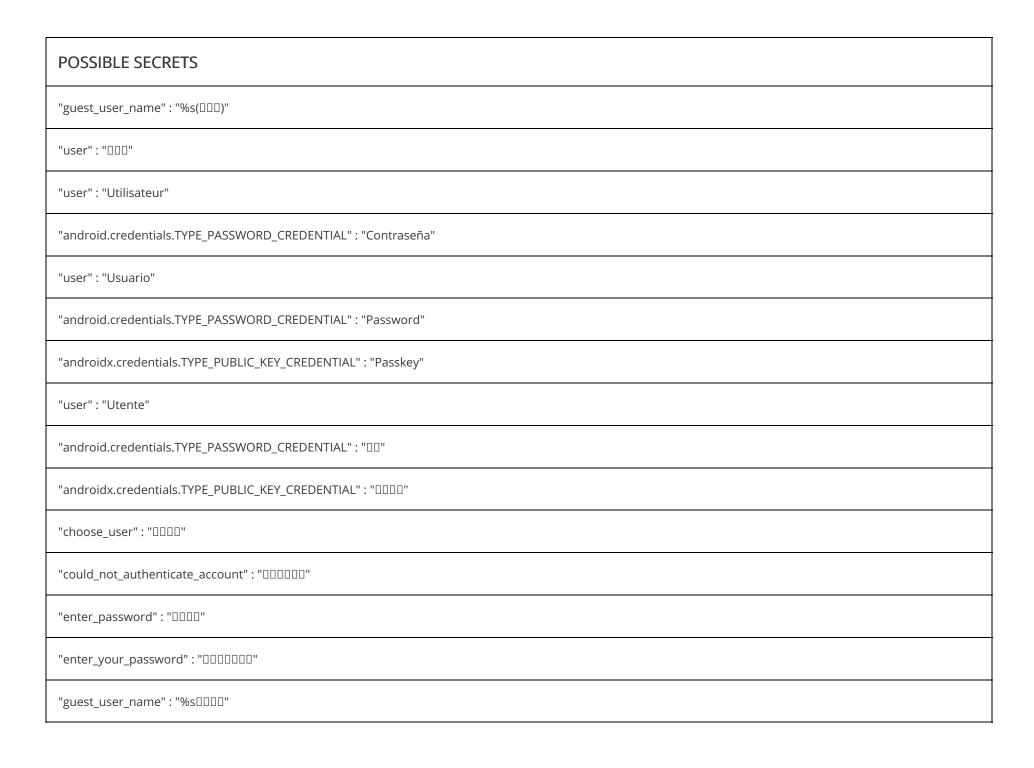
▶ HARDCODED SECRETS

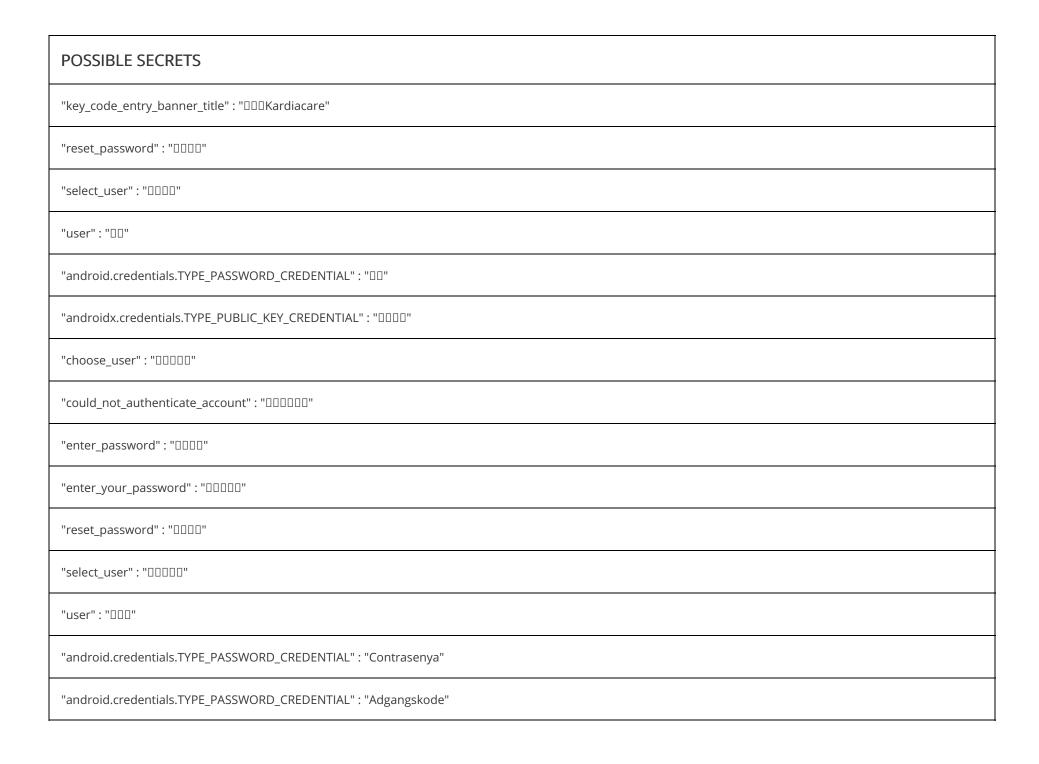
POSSIBLE SECRETS

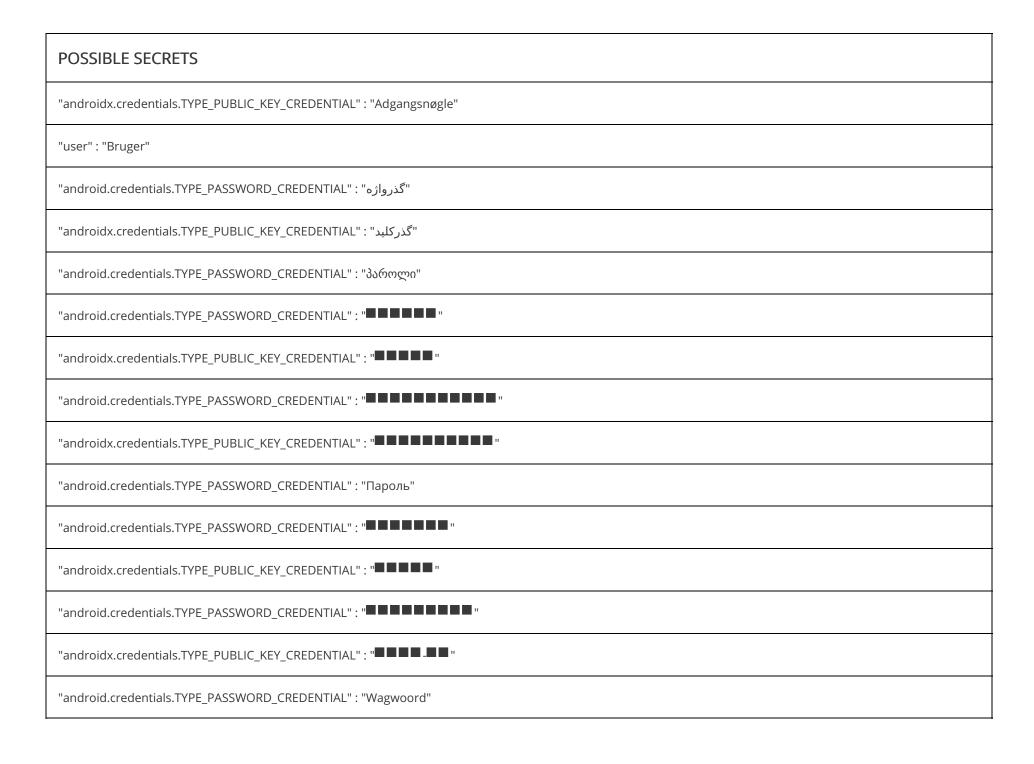
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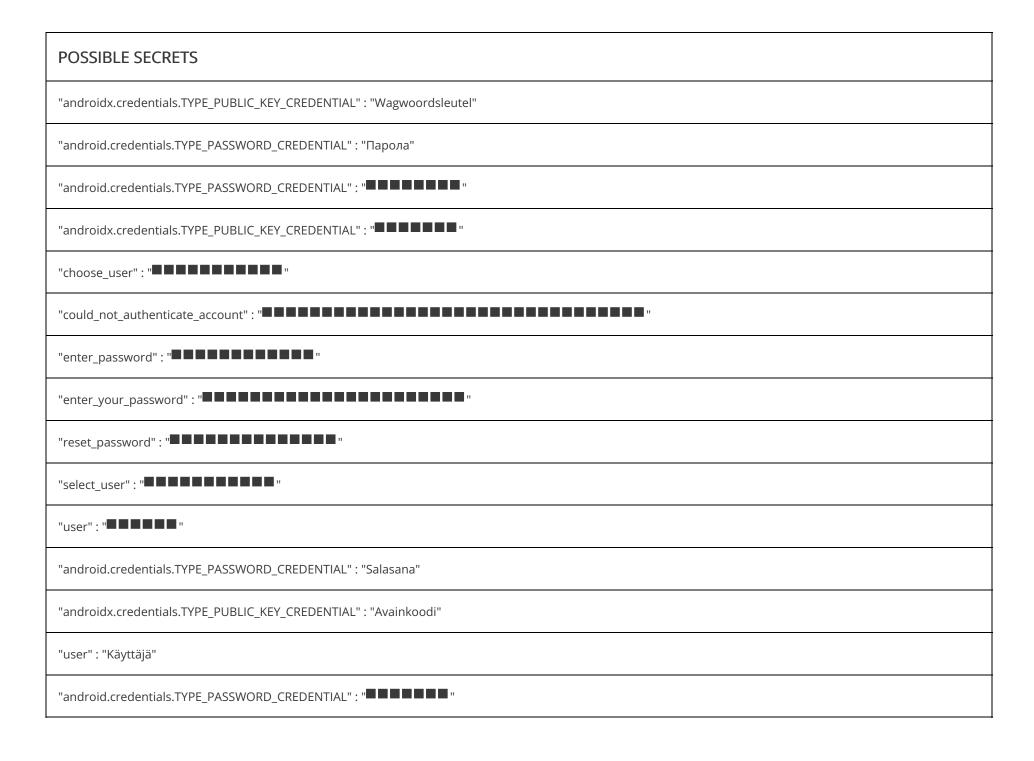
POSSIBLE SECRETS
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Passkey"
"com.google.firebase.crashlytics.mapping_file_id" : "c14d8ed8b478449fb448a989b275d21f"
"content_authority" : "com.alivecor.aliveecg.ecgcontentprovider"
"firebase_database_url" : "https://aliveecg-android.firebaseio.com"
"google_api_key" : "AlzaSyBo5xFkcu0gh53x1gXgPSze37P_lGUKBDQ"
"google_crash_reporting_api_key" : "AlzaSyBo5xFkcu0gh53x1gXgPSze37P_lGUKBDQ"
"library_android_database_sqlcipher_authorWebsite" : "https://www.zetetic.net/sqlcipher/"
"password" : "Password"
"user" : "User"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "□□□□□"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "DDDD"
"choose_user" : "DDDDDD"
"could_not_authenticate_account" : "DDDDDDDDDDDDD"
"enter_password" : "DDDDDDD"
"enter_your_password" : "000000000000"



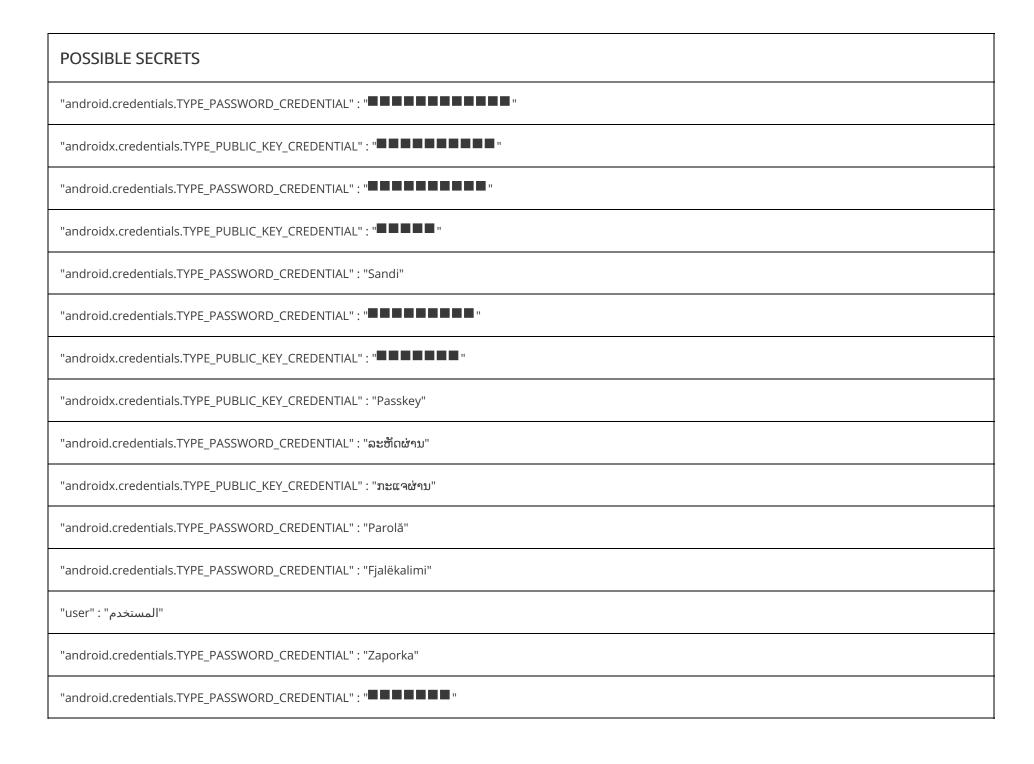








POSSIBLE SECRETS
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "■■■■■"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "■■■■■■"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Лозинка"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Heslo"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Пароль"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Contrasinal"
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"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "
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"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Klucz"
"user" : "Użytkownik"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Geslo"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Password"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Passkey"



POSSIBLE SECRETS
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "■■■■■"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "■■■■■"
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"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Heslo"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Aðgangsorð"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Aðgangslykill"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Parool"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Pääsuvõti"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Slaptažodis"

POSSIBLE SECRETS
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Passkey"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Senha"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Pasahitza"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Sarbide-gakoa"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "■■■■■"
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"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Azonosítókulcs"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Пароль"
"user" : "Пользователь"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Iphasiwedi"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Parole"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Lösenord"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Nyckel"
"user" : "Användare"

POSSIBLE SECRETS
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "סיסמה"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Nenosiri"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Գաղտնաբառ"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "ຟູໂນຕູພາກຸພາກຸມ ການ
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Сырсөз"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : " DD D
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Parol"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Parol"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Kod"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Password"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Passkey"
"user" : "User"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "□□"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "□□"

POSSIBLE SECRETS
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Password"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Passkey"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Senha"
"user" : "Usuário"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Contraseña"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Palavra-passe"
"user" : "Utilizador"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Password"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Passkey"
"user" : "Felhasználó:"
"user" : "Uživatel"
"android.credentials.TYPE_PASSWORD_CREDENTIAL" : "Password"
"androidx.credentials.TYPE_PUBLIC_KEY_CREDENTIAL" : "Passkey"
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POSSIBLE SECRETS
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26584d407930d52f3d62ef77e729f1b4
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POSSIBLE SECRETS
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8D03709F-499B-4938-92FE-4785411DCB24
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POSSIBLE SECRETS
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Title: Kardia

Score: 4.7359242 Installs: 1,000,000+ Price: 0 Android Version Support: Category: Medical Play Store URL: com.alivecor.aliveecg

Developer Details: AliveCor Inc., AliveCor+Inc., None, http://www.alivecor.com, support@alivecor.com,

Release Date: Oct 3, 2013 Privacy Policy: Privacy link

Description:

Kardia works with the FDA-cleared KardiaMobile, KardiaMobile 6L, or KardiaBand personal EKG devices, which can detect the most common arrhythmias in just 30 seconds. The Kardia app is designed to make managing heart care from home easier than ever, giving you the ability to seamlessly record EKGs, share heart data with your doctor remotely, keep track of your health history, and more. Capture a medical-grade EKG with your Kardia device anytime, anywhere—no patches, wires, or gels required. Get an immediate result from Kardia's Instant Analysis of normal, possible atrial fibrillation, bradycardia, or tachycardia. For additional analysis, you can choose to send the recording to your physician or to one of our partners for a Clinician Review by a cardiologist (US, Australia only) or cardiac care physiologist (UK, Ireland only).

The Kardia system is recommended by leading cardiologists and used by people around the world for accurate EKG recordings. Track your heart health data from home with the medical accuracy your doctor can trust. NOTE: This app requires KardiaMobile, KardiaMobile 6L, or KardiaBand hardware to record an EKG. Get your Kardia device now at alivecor.com.

∷ SCAN LOGS

Timestamp	Event	Error
2025-08-29 19:21:13	Generating Hashes	OK
2025-08-29 19:21:19	Extracting APK	OK
2025-08-29 19:21:19	Unzipping	ОК
2025-08-29 19:21:33	Parsing APK with androguard	OK
2025-08-29 19:21:35	Extracting APK features using aapt/aapt2	OK
2025-08-29 19:21:36	Getting Hardcoded Certificates/Keystores	OK
2025-08-29 19:21:42	Parsing AndroidManifest.xml	OK
2025-08-29 19:21:42	Extracting Manifest Data	ОК

2025-08-29 19:21:42	Manifest Analysis Started	ОК
2025-08-29 19:21:42	Reading Network Security config from network_security_config.xml	ОК
2025-08-29 19:21:42	Parsing Network Security config	ОК
2025-08-29 19:21:42	Performing Static Analysis on: Kardia (com.alivecor.aliveecg)	ОК
2025-08-29 19:21:43	Fetching Details from Play Store: com.alivecor.aliveecg	ОК
2025-08-29 19:21:45	Checking for Malware Permissions	OK
2025-08-29 19:21:45	Fetching icon path	OK
2025-08-29 19:21:45	Library Binary Analysis Started	ОК
2025-08-29 19:21:52	Reading Code Signing Certificate	OK
2025-08-29 19:21:53	Running APKiD 2.1.5	OK
2025-08-29 19:22:08	Detecting Trackers	OK

2025-08-29 19:22:15	Decompiling APK to Java with JADX	ОК
2025-08-29 19:22:52	Converting DEX to Smali	ОК
2025-08-29 19:22:52	Code Analysis Started on - java_source	ОК
2025-08-29 19:23:03	Android SBOM Analysis Completed	ОК
2025-08-29 19:23:18	Android SAST Completed	ОК
2025-08-29 19:23:18	Android API Analysis Started	ОК
2025-08-29 19:23:32	Android API Analysis Completed	ОК
2025-08-29 19:23:33	Android Permission Mapping Started	ОК
2025-08-29 19:24:02	Android Permission Mapping Completed	OK
2025-08-29 19:24:42	Android Behaviour Analysis Started	ОК
2025-08-29 19:25:14	Android Behaviour Analysis Completed	ОК

2025-08-29 19:25:14	Extracting Emails and URLs from Source Code	OK
2025-08-29 19:26:20	Email and URL Extraction Completed	ОК
2025-08-29 19:26:20	Extracting String data from APK	OK
2025-08-29 19:26:23	Extracting String data from Code	ОК
2025-08-29 19:26:23	Extracting String values and entropies from Code	ОК
2025-08-29 19:27:08	Performing Malware check on extracted domains	ОК
2025-08-29 19:27:18	Saving to Database	OK

Report Generated by - MobSF v4.4.0

Mobile Security Framework (MobSF) is an automated, all-in-one mobile application (Android/iOS/Windows) pen-testing, malware analysis and security assessment framework capable of performing static and dynamic analysis.

@ 2025 Mobile Security Framework - MobSF | <u>Ajin Abraham</u> | <u>OpenSecurity</u>.