



ANDROID STATIC ANALYSIS REPORT



● SALTO Homelok (1.5.0)

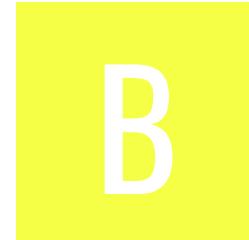
File Name: com.saltosystems.android.homelok.apk

Package Name: com.saltosystems.android.homelok

Scan Date: Jan. 3, 2026, 6:09 a.m.

App Security Score: **55/100 (MEDIUM RISK)**

Grade:



Trackers Detection: **2/432**

FINDINGS SEVERITY

 HIGH	 MEDIUM	 INFO	 SECURE	 HOTSPOT
2	17	3	3	1

FILE INFORMATION

File Name: com.saltosystems.android.homelok.apk

Size: 8.39MB

MD5: 9573bb861418606aa9375548646a532f

SHA1: 43bd769432515b0523c49b88e730f9446a94d474

SHA256: dabd592e49784428817781a82a1ce3a241bd875eca252a9d52f952bf2c07e404

APP INFORMATION

App Name: SALTO Homelok

Package Name: com.saltosystems.android.homelok

Main Activity: com.saltosystems.android.homelok.ui.MainActivity

Target SDK: 33

Min SDK: 24

Max SDK:

Android Version Name: 1.5.0

Android Version Code: 10500900

■ APP COMPONENTS

Activities: 3

Services: 12

Receivers: 15

Providers: 2

Exported Activities: 1

Exported Services: 3

Exported Receivers: 5

Exported Providers: 0

✿ CERTIFICATE INFORMATION

Binary is signed

v1 signature: False

v2 signature: True

v3 signature: True

v4 signature: False

X.509 Subject: C=US, ST=California, L=Mountain View, O=Google Inc., OU=Android, CN=Android

Signature Algorithm: rsassa_pkcs1v15

Valid From: 2022-11-10 16:54:37+00:00

Valid To: 2052-11-10 16:54:37+00:00

Issuer: C=US, ST=California, L=Mountain View, O=Google Inc., OU=Android, CN=Android

Serial Number: 0xa806961df6aefc7ae9e9b6965fe949b49b37469

Hash Algorithm: sha256

md5: bc4729a903b32ff843a766adc0a6f04b

sha1: 05d0783f2d4d27348d6247f1e8191a4455edd617

sha256: 2e9d7785f72c5860da3644ccf18a30f0cb593564bec86a5b6499806f8ead3201

sha512: 8657b7c9b9c0100ea4d8597dee2476810545d5ac4b072a3b0c0bbe14c4efa6d6bb7a75e52d8cafb9bad80b5b136e31dd4d6a2de024df88ea868a9a5d118f31e6

PublicKey Algorithm: rsa

Bit Size: 4096

Fingerprint: ca3c382e16b318d3bf0c8c0994cbcb7264ff6d1f101a9de7b78e5f24d1a1bef5

Found 1 unique certificates

☰ APPLICATION PERMISSIONS

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.INTERNET	normal	full Internet access	Allows an application to create network sockets.
android.permission.VIBRATE	normal	control vibrator	Allows the application to control the vibrator.
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.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.ACCESS_NETWORK_STATE	normal	view network status	Allows an application to view the status of all networks.
android.permission.BLUETOOTH	normal	create Bluetooth connections	Allows applications to connect to paired bluetooth devices.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.BLUETOOTH_ADMIN	normal	bluetooth administration	Allows applications to discover and pair bluetooth devices.
android.permission.WAKE_LOCK	normal	prevent phone from sleeping	Allows an application to prevent the phone from going to sleep.
com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE	normal	permission defined by google	A custom permission defined by Google.
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.
android.permission.FOREGROUND_SERVICE	normal	enables regular apps to use Service.startForeground.	Allows a regular application to use Service.startForeground.
com.saltosystems.android.homelok.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION	unknown	Unknown permission	Unknown permission from android reference
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.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.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.

APKID ANALYSIS

FILE	DETAILS

FILE	DETAILS	
	FINDINGS	DETAILS
classes.dex	Anti-VM Code	Build.FINGERPRINT check Build.MANUFACTURER check Build.TAGS check
	Compiler	r8
classes2.dex	FINDINGS	DETAILS
	Anti Debug Code	Debug.isDebuggerConnected() check
	Anti-VM Code	Build.MODEL check Build.PRODUCT check Build.HARDWARE check Build.TAGS check possible VM check
	Compiler	r8

FILE	DETAILS	
	FINDINGS	DETAILS
classes3.dex	Anti-VM Code	Build.MANUFACTURER check Build.TAGS check possible ro.secure check
	Compiler	r8

BROWSABLE ACTIVITIES

ACTIVITY	INTENT
com.saltosystems.android.homelok.ui.MainActivity	Schemes: https://, Hosts: homelok.saltosystems.com, dev.homelok.saltosystems.com, Paths: /,
net.openid.appauth.RedirectUriReceiverActivity	Schemes: https://, Hosts: homelok.saltosystems.com, dev.homelok.saltosystems.com, Paths: /oauth2redirect,

NETWORK SECURITY

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

MANIFEST ANALYSIS

HIGH: 1 | WARNING: 9 | INFO: 0 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	DESCRIPTION
1	App can be installed on a vulnerable unpatched Android version Android 7.0, [minSdk=24]	high	This application can be installed on an older version of android that has multiple unfixed vulnerabilities. These devices won't receive reasonable security updates from Google. Support an Android version => 10, API 29 to receive reasonable security updates.
2	Activity (net.openid.appauth.RedirectUriReceiverActivity) 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.
3	Broadcast Receiver (com.saltosystems.android.homelok.widget.WidgetOpenDoorSmall) 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.

NO	ISSUE	SEVERITY	DESCRIPTION
4	Broadcast Receiver (com.saltosystems.android.homelok.widget.WidgetOpenDoorMedium) 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.
5	Broadcast Receiver (com.saltosystems.android.homelok.widget.WidgetOpenDoorLarge) 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.
6	Service (com.saltosystems.android.homelok.shared.domain.digitalkey.hce.HomelokHceService) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.BIND_NFC_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.
7	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]	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.

NO	ISSUE	SEVERITY	DESCRIPTION
8	<p>Broadcast Receiver (androidx.work.impl.diagnostics.DiagnosticsReceiver) is Protected by a permission, but the protection level of the permission should be checked.</p> <p>Permission: android.permission.DUMP [android:exported=true]</p>	warning	<p>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.</p>
9	<p>Service (com.saltosystems.justinmobile.sdk.hce.JustinHceService) is Protected by a permission, but the protection level of the permission should be checked.</p> <p>Permission: android.permission.BIND_NFC_SERVICE [android:exported=true]</p>	warning	<p>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.</p>

NO	ISSUE	SEVERITY	DESCRIPTION
10	<p>Broadcast Receiver (androidx.profileinstaller.ProfileInstallReceiver) is Protected by a permission, but the protection level of the permission should be checked.</p> <p>Permission: android.permission.DUMP [android:exported=true]</p>	warning	<p>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.</p>

</> CODE ANALYSIS

HIGH: 1 | WARNING: 6 | INFO: 3 | SECURE: 2 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	STANDARDS	FILES
1	<p>This App uses SSL certificate pinning to detect or prevent MITM attacks in secure communication channel.</p>	secure	OWASP MASVS: MSTG-NETWORK-4	ch/qos/logback/core/net/ssl/SSLContextFactoryBean.java com/saltosystems/android/homelok/obscured/gi.java com/saltosystems/android/homelok/obscured/kk2.java com/saltosystems/android/homelok/obscured/wf2.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
2	<u>The App uses an insecure Random Number Generator.</u>	warning	CWE: CWE-330: Use of Insufficiently Random Values OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-6	com/saltosystems/android/homelok/obscured/a03.java com/saltosystems/android/homelok/obscured/b1.java com/saltosystems/android/homelok/obscured/b13.java com/saltosystems/android/homelok/obscured/dl0.java com/saltosystems/android/homelok/obscured/ra0.java com/saltosystems/android/homelok/obscured/rk2.java com/saltosystems/android/homelok/obscured/se2.java com/saltosystems/android/homelok/obscured/tg2.java com/saltosystems/android/homelok/obscured/uj2.java com/saltosystems/android/homelok/obscured/wj2.java com/saltosystems/android/homelok/obscured/wl0.java
				ch/qos/logback/classic/android/LogcatAppender.java ch/qos/logback/classic/net/SimpleSocketServer.java ch/qos/logback/classic/pattern/TargetLengthBasedClassNameAbbreviator.java ch/qos/logback/classic/spi/ThrowableProxy.java ch/qos/logback/core/joran/util/ConfigurationWatchListUtil.java ch/qos/logback/core/net/DefaultSocketConnector.java ch/qos/logback/core/net/SocketConnectorBase.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
				ch/qos/logback/core/recovery/ResilientOutputStreamBase.java ch/qos/logback/core/spi/ContextAwareBase.java se.java ch/qos/logback/core/spi/ContextAwareImpl.java ch/qos/logback/core/subst/Node.java com/airbnb/lottie/LottieAnimationView.java com/saltosystems/android/homelok/obscured/ac.java com/saltosystems/android/homelok/obscured/aw.java com/saltosystems/android/homelok/obscured/bz3.java com/saltosystems/android/homelok/obscured/c00.java com/saltosystems/android/homelok/obscured/cl3.java com/saltosystems/android/homelok/obscured/dt1.java com/saltosystems/android/homelok/obscured/el3.java com/saltosystems/android/homelok/obscured/et1.java com/saltosystems/android/homelok/obscured/ez2.java com/saltosystems/android/homelok/obscured/f4.java com/saltosystems/android/homelok/obscured/fc.java com/saltosystems/android/homelok/obscured/gf3.java com/saltosystems/android/homelok/obscured/gq1.java com/saltosystems/android/homelok/obscured/gt1.java com/saltosystems/android/homelok/obscured/gz0.java com/saltosystems/android/homelok/obsc

NO	ISSUE	SEVERITY	STANDARDS	FILES
3	<u>The App logs information. Sensitive information should never be logged.</u>	info	CWE: CWE-532: Insertion of Sensitive Information into Log File OWASP MASVS: MSTG-STORAGE-3	com/saltosystems/android/homelok/obscured/h92.java com/saltosystems/android/homelok/obscured/hj2.java com/saltosystems/android/homelok/obscured/hp3.java com/saltosystems/android/homelok/obscured/hz2.java com/saltosystems/android/homelok/obscured/i11.java com/saltosystems/android/homelok/obscured/ip3.java com/saltosystems/android/homelok/obscured/jp3.java com/saltosystems/android/homelok/obscured/jv0.java com/saltosystems/android/homelok/obscured/kz2.java com/saltosystems/android/homelok/obscured/mr1.java com/saltosystems/android/homelok/obscured/nf3.java com/saltosystems/android/homelok/obscured/np3.java com/saltosystems/android/homelok/obscured/nu0.java com/saltosystems/android/homelok/obscured/oy3.java com/saltosystems/android/homelok/obscured/pb.java com/saltosystems/android/homelok/obscured/q82.java com/saltosystems/android/homelok/obscured/qj3.java com/saltosystems/android/homelok/obscured/qm3.java com/saltosystems/android/homelok/obscured/r13.java com/saltosystems/android/homelok/obscured/rj3.java com/saltosystems/android/homelok/obsc

NO	ISSUE	SEVERITY	STANDARDS	FILES ured/rv.java com/saltosystems/android/homelok/obsc ured/rz.java
				com/saltosystems/android/homelok/obsc ured/s03.java com/saltosystems/android/homelok/obsc ured/sa.java com/saltosystems/android/homelok/obsc ured/ss.java com/saltosystems/android/homelok/obsc ured/sw3.java com/saltosystems/android/homelok/obsc ured/ta.java com/saltosystems/android/homelok/obsc ured/tb.java com/saltosystems/android/homelok/obsc ured/u04.java com/saltosystems/android/homelok/obsc ured/u42.java com/saltosystems/android/homelok/obsc ured/u5.java com/saltosystems/android/homelok/obsc ured/uu3.java com/saltosystems/android/homelok/obsc ured/uw3.java com/saltosystems/android/homelok/obsc ured/vf3.java com/saltosystems/android/homelok/obsc ured/vk0.java com/saltosystems/android/homelok/obsc ured/vm2.java com/saltosystems/android/homelok/obsc ured/vp2.java com/saltosystems/android/homelok/obsc ured/vr.java com/saltosystems/android/homelok/obsc ured/vt0.java com/saltosystems/android/homelok/obsc ured/w42.java com/saltosystems/android/homelok/obsc

NO	ISSUE	SEVERITY	STANDARDS	FILES
				<p>com/saltosystems/android/homelok/obscured/w5.java FILE com/saltosystems/android/homelok/obscured/w71.java</p> <p>com/saltosystems/android/homelok/obscured/wb.java com/saltosystems/android/homelok/obscured/wh3.java com/saltosystems/android/homelok/obscured/wx3.java com/saltosystems/android/homelok/obscured/x80.java com/saltosystems/android/homelok/obscured/x91.java com/saltosystems/android/homelok/obscured/xw3.java com/saltosystems/android/homelok/obscured/y42.java com/saltosystems/android/homelok/obscured/y62.java com/saltosystems/android/homelok/obscured/yk3.java com/saltosystems/android/homelok/obscured/zk3.java</p> <p>net/openid/appauth/internal/Logger.java org/slf4j/helpers/Util.java</p>

NO	ISSUE	SEVERITY	STANDARDS	FILES
4	<u>Files may contain hardcoded sensitive information like usernames, passwords, keys etc.</u>	warning	CWE: CWE-312: Cleartext Storage of Sensitive Information OWASP Top 10: M9: Reverse Engineering OWASP MASVS: MSTG-STORAGE-14	ch/qos/logback/classic/joran/action/ConfigurationAction.java ch/qos/logback/classic/sift/ContextBasedDiscriminator.java ch/qos/logback/core/CoreConstants.java ch/qos/logback/core/net/ssl/SSL.java ch/qos/logback/core/rolling/helper/DateTokenConverter.java ch/qos/logback/core/rolling/helper/IntegerTokenConverter.java com/saltosystems/android/homelok/model/device/v1/WifiSettings.java com/saltosystems/android/homelok/model/user/v1/User.java com/saltosystems/android/homelok/model/wellknown/WellKnownData.java com/saltosystems/android/homelok/obscured/am3.java com/saltosystems/android/homelok/obscured/az0.java com/saltosystems/android/homelok/obscured/es3.java com/saltosystems/android/homelok/obscured/fm2.java com/saltosystems/android/homelok/obscured/hi2.java com/saltosystems/android/homelok/obscured/m42.java com/saltosystems/android/homelok/obscured/qf0.java com/saltosystems/android/homelok/obscured/uy0.java com/saltosystems/android/homelok/ui/users/edit/keys/a.java net/openid/appauth/ClientSecretPost.java net/openid/appauth/RegistrationResponse.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
5	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	ch/qos/logback/core/android/AndroidContentUtil.java
6	Insecure Implementation of SSL. Trusting all the certificates or accepting self signed certificates is a critical Security Hole. 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/saltosystems/android/homelok/obscured/j7.java
7	This App copies data to clipboard. Sensitive data should not be copied to clipboard as other applications can access it.	info	OWASP MASVS: MSTG-STORAGE-10	com/saltosystems/android/homelok/ui/users/edit/keys/EditUserKeysViewModel.java
8	App can write to App Directory. Sensitive Information should be encrypted.	info	CWE: CWE-276: Incorrect Default Permissions OWASP MASVS: MSTG-STORAGE-14	com/saltosystems/android/homelok/shared/auth/AuthConfiguration.java
9	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	ch/qos/logback/classic/android/SQLiteAppender.java com/saltosystems/android/homelok/obscured/iv0.java
10	This App may have root detection capabilities.	secure	OWASP MASVS: MSTG-RESILIENCE-1	com/saltosystems/android/homelok/obscured/w03.java
11	This App may request root (Super User) privileges.	warning	CWE: CWE-250: Execution with Unnecessary Privileges OWASP MASVS: MSTG-RESILIENCE-1	com/saltosystems/android/homelok/obscured/jv.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
12	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/saltosystems/android/homelok/obscured/r13.java

NIAP ANALYSIS v1.3

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION
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BEHAVIOUR ANALYSIS

RULE ID	BEHAVIOUR	LABEL	FILES
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RULE ID	BEHAVIOUR	LABEL	FILES
00022	Open a file from given absolute path of the file	file	ch/qos/logback/classic/android/SQLiteDatabaseAppender.java ch/qos/logback/core/FileAppender.java ch/qos/logback/core/android/AndroidContextUtil.java ch/qos/logback/core/rolling/helper/Compressor.java ch/qos/logback/core/rolling/helper/FileFinder.java ch/qos/logback/core/rolling/helper/RenameUtil.java com/saltosystems/android/homelok/obscured/db2.java com/saltosystems/android/homelok/obscured/f03.java com/saltosystems/android/homelok/obscured/gv3.java com/saltosystems/android/homelok/obscured/jv0.java com/saltosystems/android/homelok/obscured/la2.java com/saltosystems/android/homelok/obscured/nl0.java com/saltosystems/android/homelok/obscured/r13.java com/saltosystems/android/homelok/obscured/vm2.java com/saltosystems/android/homelok/obscured/vs2.java io/realm/e.java io/realm/internal/OsRealmConfig.java io/realm/internal/OsSharedRealm.java io/realm/internal/Util.java
00013	Read file and put it into a stream	file	ch/qos/logback/core/joran/GenericConfigurator.java ch/qos/logback/core/joran/action/PropertyAction.java ch/qos/logback/core/rolling/helper/Compressor.java ch/qos/logback/core/util/FileUtil.java com/saltosystems/android/homelok/obscured/cf2.java com/saltosystems/android/homelok/obscured/db2.java com/saltosystems/android/homelok/obscured/fc.java com/saltosystems/android/homelok/obscured/g00.java com/saltosystems/android/homelok/obscured/hp3.java com/saltosystems/android/homelok/obscured/la2.java com/saltosystems/android/homelok/obscured/lg0.java com/saltosystems/android/homelok/obscured/np3.java com/saltosystems/android/homelok/obscured/r13.java com/saltosystems/android/homelok/obscured/vk0.java

RULE ID	BEHAVIOUR	LABEL	FILES
00091	Retrieve data from broadcast	collection	com/saltosystems/android/homelok/ui/keys/KeysFragment.java net/openid/appauth/AuthorizationManagementActivity.java
00036	Get resource file from res/raw directory	reflection	com/saltosystems/android/homelok/obscured/dz2.java com/saltosystems/android/homelok/obscured/gf3.java com/saltosystems/android/homelok/obscured/u5.java com/saltosystems/android/homelok/shared/auth/AuthConfiguration.java
00114	Create a secure socket connection to the proxy address	network command	com/saltosystems/android/homelok/obscured/kt2.java
00026	Method reflection	reflection	com/saltosystems/android/homelok/obscured/fc1.java com/saltosystems/android/homelok/obscured/gc1.java
00012	Read data and put it into a buffer stream	file	ch/qos/logback/core/rolling/helper/Compressor.java ch/qos/logback/core/util/FileUtil.java com/saltosystems/android/homelok/obscured/vk0.java
00173	Get bounds in screen of an AccessibilityNodeInfo and perform action	accessibility service	com/saltosystems/android/homelok/obscured/f4.java
00147	Get the time of current location	collection location	com/saltosystems/android/homelok/obscured/qm3.java
00075	Get location of the device	collection location	com/saltosystems/android/homelok/obscured/qm3.java
00115	Get last known location of the device	collection location	com/saltosystems/android/homelok/obscured/qm3.java
00189	Get the content of a SMS message	sms	com/saltosystems/android/homelok/obscured/hq0.java
00188	Get the address of a SMS message	sms	com/saltosystems/android/homelok/obscured/hq0.java

RULE ID	BEHAVIOUR	LABEL	FILES
00200	Query data from the contact list	collection contact	com/saltosystems/android/homelok/obscured/hq0.java
00187	Query a URI and check the result	collection sms callog calendar	com/saltosystems/android/homelok/obscured/hq0.java
00201	Query data from the call log	collection callog	com/saltosystems/android/homelok/obscured/hq0.java
00077	Read sensitive data(SMS, CALLLOG, etc)	collection sms callog calendar	com/saltosystems/android/homelok/obscured/hq0.java
00063	Implicit intent(view a web page, make a phone call, etc.)	control	com/saltosystems/android/homelok/obscured/o10.java com/saltosystems/android/homelok/obscured/u5.java com/saltosystems/android/homelok/shared/auth/AuthConfiguration.java com/saltosystems/android/homelok/ui/users/edit/keys/EditUserKeysViewModel.java net/openid/appauth/AuthorizationException.java
00051	Implicit intent(view a web page, make a phone call, etc.) via setData	control	com/saltosystems/android/homelok/obscured/u5.java com/saltosystems/android/homelok/shared/auth/AuthConfiguration.java
00123	Save the response to JSON after connecting to the remote server	network command	net/openid/appauth/AuthorizationServiceConfiguration.java
00162	Create InetSocketAddress object and connecting to it	socket	com/saltosystems/android/homelok/obscured/kk2.java com/saltosystems/android/homelok/obscured/o7.java
00163	Create new Socket and connecting to it	socket	com/saltosystems/android/homelok/obscured/kk2.java com/saltosystems/android/homelok/obscured/o7.java
00191	Get messages in the SMS inbox	sms	com/saltosystems/android/homelok/obscured/gf3.java

RULE ID	BEHAVIOUR	LABEL	FILES
00079	Hide the current app's icon	evasion	com/saltosystems/android/homelok/obscured/nh2.java
00039	Start a web server	control network	ch/qos/logback/classic/net/SimpleSocketServer.java
00096	Connect to a URL and set request method	command network	com/saltosystems/android/homelok/obscured/z20.java net/openid/appauth/AuthorizationService.java
00089	Connect to a URL and receive input stream from the server	command network	net/openid/appauth/AuthorizationService.java
00109	Connect to a URL and get the response code	network command	net/openid/appauth/AuthorizationService.java
00030	Connect to the remote server through the given URL	network	com/saltosystems/android/homelok/obscured/z20.java

FIREBASE DATABASES ANALYSIS

TITLE	SEVERITY	DESCRIPTION
Firebase Remote Config disabled	secure	Firebase Remote Config is disabled for https://firebaseremoteconfig.googleapis.com/v1/projects/1001076883823/namespaces.firebaseio:fetch?key=AlzaSyDE9e7BQVApsvtY_oejrkZXlaHFYZR2KEI . This is indicated by the response: {'state': 'NO_TEMPLATE'}

ABUSED PERMISSIONS

Type	Matches	Permissions
Malware Permissions	8/25	android.permission.INTERNET, android.permission.VIBRATE, android.permission.CAMERA, android.permission.ACCESS_NETWORK_STATE, android.permission.WAKE_LOCK, android.permission.RECEIVE_BOOT_COMPLETED, android.permission.ACCESS_COARSE_LOCATION, android.permission.ACCESS_FINE_LOCATION
Other Common Permissions	4/44	android.permission.BLUETOOTH, android.permission.BLUETOOTH_ADMIN, com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE, android.permission.FOREGROUND_SERVICE

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 MALWARE CHECK

Domain	Status	Geolocation

DOMAIN	STATUS	GEOLOCATION
saltosystems.com	ok	IP: 151.101.2.133 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
issuetracker.google.com	ok	IP: 142.250.217.174 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
ns.adobe.com	ok	No Geolocation information available.
logback.qos.ch	ok	IP: 159.100.250.151 Country: Switzerland Region: Vaud City: Lausanne Latitude: 46.515999 Longitude: 6.632820 View: Google Map
docs.mongodb.com	ok	IP: 3.33.186.135 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map

DOMAIN	STATUS	GEOLOCATION
www.slf4j.org	ok	IP: 31.97.181.89 Country: United Kingdom of Great Britain and Northern Ireland Region: England City: Bowness-on-Windermere Latitude: 54.363312 Longitude: -2.918590 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
support.saltosystems.com	ok	IP: 151.101.130.133 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
schemas.android.com	ok	No Geolocation information available.
xml.org	ok	IP: 104.239.142.8 Country: United States of America Region: Texas City: Windcrest Latitude: 29.499678 Longitude: -98.399246 View: Google Map

TRACKERS

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

HARDCODED SECRETS

POSSIBLE SECRETS
"google_api_key" : "AlzaSyDE9e7BQVApsvtY_oejrkZXlaHFYZR2KEI"
"google_crash_reporting_api_key" : "AlzaSyDE9e7BQVApsvtY_oejrkZXlaHFYZR2KEI"
"user_card_key_title" : "Key"
5181942b9ebc31ce68dacb56c16fd79f
68647976601306097149819007990813932172694353001433054093944634591855431833976560521225596406614545549772963113914808580371219879997166 4381257402829115057151
470fa2b4ae81cd56ecbcda9735803434cec591fa
B6E60002-E2E3-BC82-4C72-929D0D29CA17
B6E60003-E2E3-BC82-4C72-929D0D29CA17

POSSIBLE SECRETS

4fe342e2fe1a7f9b8ee7eb4a7c0f9e162bce33576b315ececbb6406837bf51f5

B6E60001-E2E3-BC82-4C72-929D0D29CA17

ae2044fb577e65ee8bb576ca48a2f06e

115792089210356248762697446949407573530086143415290314195533631308867097853951

c6858e06b70404e9cd9e3ecb662395b4429c648139053fb521f828af606b4d3dbaa14b5e77efe75928fe1dc127a2ffa8de3348b3c1856a429bf97e7e31c2e5bd66

aa87ca22be8b05378eb1c71ef320ad746e1d3b628ba79b9859f741e082542a385502f25dbf55296c3a545e3872760ab7

7fmduHKTdHHrlMvlldlEqAllSfii1tl35bxj1OXN5Ve8c4IU6URVu4xtSHc3BVZxS6WWJnxMDhlfQN0N0K2NDJg==

ABi2fbt8vkzj7SJ8aD5jc4xJFTDFntdkMrYXL3itsvqY1Qlw

115792089210356248762697446949407573529996955224135760342422259061068512044369

5ac635d8aa3a93e7b3ebbd55769886bc651d06b0cc53b0f63bce3c3e27d2604b

68647976601306097149819007990813932172694353001433054093944634591855431833976553942450577463332171975329639963713633211138647686124403
80340372808892707005449

b3312fa7e23ee7e4988e056be3f82d19181d9c6efe8141120314088f5013875ac656398d8a2ed19d2a85c8edd3ec2aef

051953eb9618e1c9a1f929a21a0b68540eea2da725b99b315f3b8b489918ef109e156193951ec7e937b1652c0bd3bb1bf073573df883d2c34f1ef451fd46b503f00

16a09e667f3bcc908b2fb1366ea957d3e3adec17512775099da2f590b0667322a

dZozdop5rgKNxjbrQAd5nntAGpgh9w84O1Xgg==

POSSIBLE SECRETS

3617de4a96262c6f5d9e98bf9292dc29f8f41dbd289a147ce9da3113b5f0b8c00a60b1ce1d7e819d7a431d7c90ea0e5f

11839296a789a3bc0045c8a5fb42c7d1bd998f54449579b446817afbd17273e662c97ee72995ef42640c550b9013fad0761353c7086a272c24088be94769fd16650

6b17d1f2e12c4247f8bce6e563a440f277037d812deb33a0f4a13945d898c296

39402006196394479212279040100143613805079739270465446667948293404245721771496870329047266088258938001861606973112319

39402006196394479212279040100143613805079739270465446667946905279627659399113263569398956308152294913554433653942643

► PLAYSTORE INFORMATION

Title: Salto Homelok

Score: None **Installs:** 10,000+ **Price:** 0 **Android Version Support:** Category: Lifestyle Play Store URL: [com.saltosystems.android.homelok](https://play.google.com/store/apps/details?id=com.saltosystems.android.homelok)

Developer Details: Salto Systems S.L., Salto+Systems+S.L., None, <https://saltosystems.com/en/solutions/salto-homelok/>, android@saltosystems.com,

Release Date: Nov 10, 2022 **Privacy Policy:** [Privacy link](#)

Description:

Salto Homelok smart access solution allows residents to efficiently manage access to their living space while enjoying a better keyless and mobile experience. Salto Homelok enables modern keyless living for residents, streamlines operations for managers and owners, and improves security across all types of residential properties. Our ground-breaking cloud smart access platform with intelligent, wire-free and virtually networked electronic locking SVN technology optimises hybrid deployments and enables the smart building ecosystem with no need of infrastructure. Homelok offers flexible, convenient smart access solutions for residential properties, connecting SALTO access control hardware to security infrastructure and to the property operations to manage any access point, in any type of building.

≡ SCAN LOGS

Timestamp	Event	Error
2026-01-03 06:09:41	Generating Hashes	OK
2026-01-03 06:09:41	Extracting APK	OK
2026-01-03 06:09:41	Unzipping	OK
2026-01-03 06:09:41	Parsing APK with androguard	OK
2026-01-03 06:09:41	Extracting APK features using aapt/aapt2	OK
2026-01-03 06:09:41	Getting Hardcoded Certificates/Keystores	OK
2026-01-03 06:09:42	Parsing AndroidManifest.xml	OK
2026-01-03 06:09:42	Extracting Manifest Data	OK
2026-01-03 06:09:42	Manifest Analysis Started	OK
2026-01-03 06:09:42	Performing Static Analysis on: SALTO Homelok (com.saltosystems.android.homelok)	OK

2026-01-03 06:09:42	Fetching Details from Play Store: com.saltosystems.android.homelok	OK
2026-01-03 06:09:43	Checking for Malware Permissions	OK
2026-01-03 06:09:43	Fetching icon path	OK
2026-01-03 06:09:43	Library Binary Analysis Started	OK
2026-01-03 06:09:43	Reading Code Signing Certificate	OK
2026-01-03 06:09:43	Running APKiD 3.0.0	OK
2026-01-03 06:09:45	Detecting Trackers	OK
2026-01-03 06:09:46	Decompiling APK to Java with JADX	OK
2026-01-03 06:09:54	Converting DEX to Smali	OK
2026-01-03 06:09:55	Code Analysis Started on - java_source	OK
2026-01-03 06:09:55	Android SBOM Analysis Completed	OK

2026-01-03 06:09:58	Android SAST Completed	OK
2026-01-03 06:09:58	Android API Analysis Started	OK
2026-01-03 06:09:59	Android API Analysis Completed	OK
2026-01-03 06:09:59	Android Permission Mapping Started	OK
2026-01-03 06:10:01	Android Permission Mapping Completed	OK
2026-01-03 06:10:01	Android Behaviour Analysis Started	OK
2026-01-03 06:10:03	Android Behaviour Analysis Completed	OK
2026-01-03 06:10:03	Extracting Emails and URLs from Source Code	OK
2026-01-03 06:10:06	Email and URL Extraction Completed	OK
2026-01-03 06:10:06	Extracting String data from APK	OK
2026-01-03 06:10:06	Extracting String data from Code	OK

2026-01-03 06:10:06	Extracting String values and entropies from Code	OK
2026-01-03 06:10:07	Performing Malware check on extracted domains	OK
2026-01-03 06:10:11	Saving to Database	OK

Report Generated by - MobSF v4.4.4

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.

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