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Blackphone is the first phone built from the ground up to be private by design as well as to provide security



**IO BREAKTHROUGH
TECHNOLOGIES**



Red Herring Top
100
Winner 2014
(Europe)



PC World Best of Mobile
World Congress 2014



The product of the best minds in
the privacy and mobile industries.



Phil Zimmermann
Silent Circle President



Javier Agüera
*Geeksphone CEO
& Co-founder*



Tight security

- ▶ Open-source, peer-reviewed encryption – Our founders are the inventors of the world's most trusted encryption protocols: PGP, ZRTP, SCIMP.
- ▶ Peer-reviewed encryption and hashing algorithms (Elliptic Curve Cryptography {P-384}, Advanced Encryption Standard {AES-256}, Secure Hash Algorithm {SHA-256}).
- ▶ Device-to-device encryption – true peer-to-peer key negotiation with every communication session. Keys are destroyed at the end of every call eliminating the possibility of retroactive compromise
- ▶ Interactive voice and text authentication – visual and vocal encryption verification eliminating the possibility of MiTM (man in the middle) attacks via a Short Authentication String (SAS).
- ▶ Multimillion-dollar, custom-built, high-definition, private network.
- ▶ Geographic server redundancy – servers located in Montreal, Toronto and Zurich.
- ▶ Custom-built servers, PBXs and hardware – ensuring security integration through design.
- ▶ Our e-commerce, customer service, analytics and network monitoring software are all custom built and designed to ensure security.



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THE BLACKPHONE SOLUTION

It's your choice ...

Secure



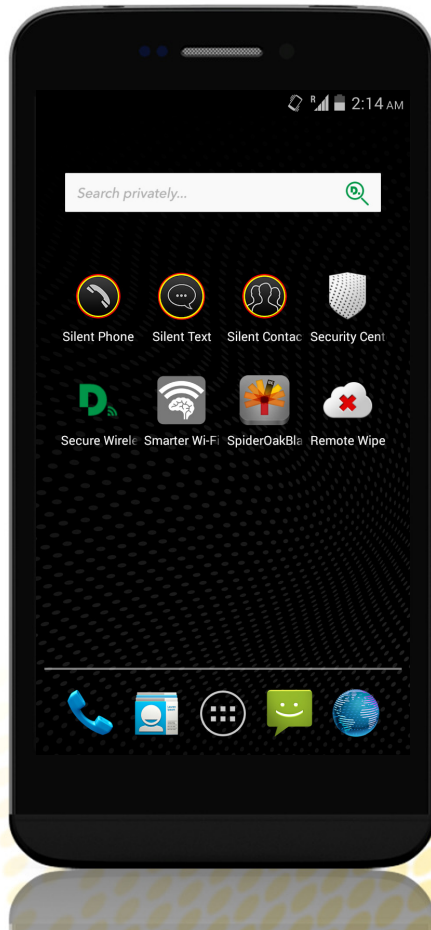
Unsecure





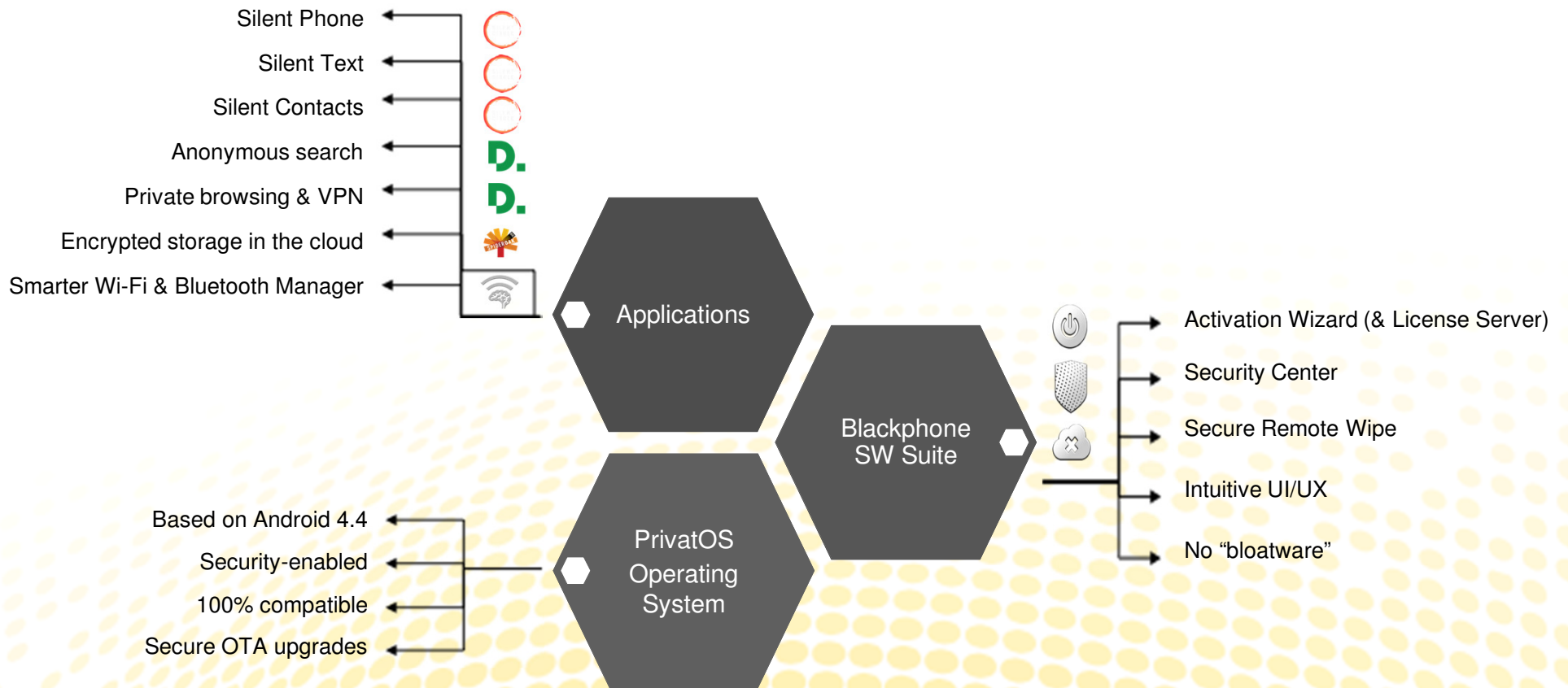
Technical Specifications

Full set of premium features



- High performance, quad-core 2GHz System on Chip (SoC) processor
- NVIDIA Tegra 4i Processor
- 4.7" HD full multi-touch IPS screen
- LTE and HSPA+ connectivity
- High-end materials and finish
- 1GB LPDDR3 RAM
- 16GB internal storage
- Wi-Fi B/G/N, Bluetooth Class 4.0 LE, GPS and sensor suite
- 2000mAh Lithium Polymer Battery
- 8MP auto-focus rear camera with flash and 5MP front-facing camera

An integrated solution





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Silent Phone



Make and receive private and secure calls, video calls and conference calls worldwide.

Standard telephony app

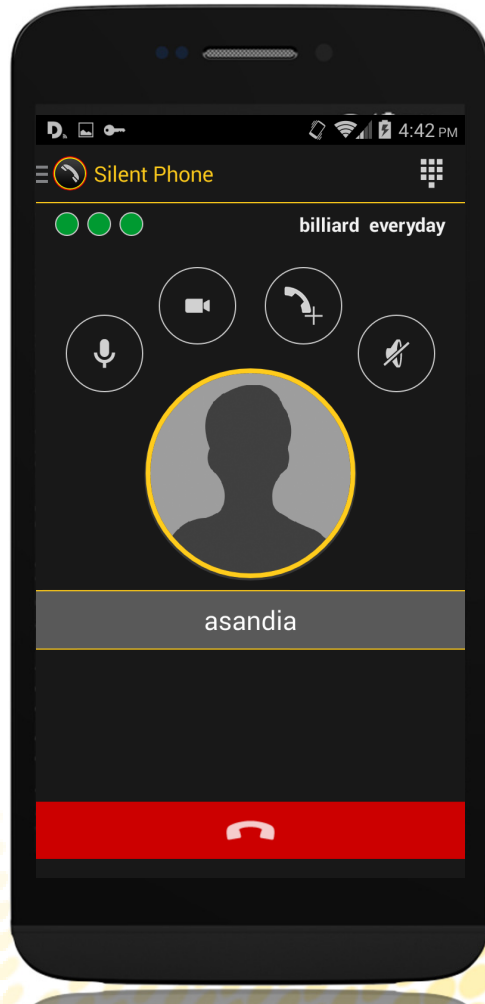


Blackphone also includes the standard telephony app so that you can make or receive normal calls.



Silent Phone

Your solution for secure, mobile voice and video calls.



- Personal and Professional Mobility – make worldwide, encrypted, Voice-over-Internet-Protocol (VoIP) calls with HD clarity over 3G, 4G or Wi-Fi.
- Encrypted Phone Calls - AES 256 peer-to-peer encryption designed and built by Phil Zimmermann. You hold the keys in the palm of your hand.
- Secure Video - encrypted mobile video chats over cell data networks or Wi-Fi.
- Conference Calls - hold an encrypted conference call on your mobile device with each caller joining on their own end-to-end encrypted line for up to 6 people



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Silent Text



Send and receive private and secure messages and files worldwide.

Standard messaging app

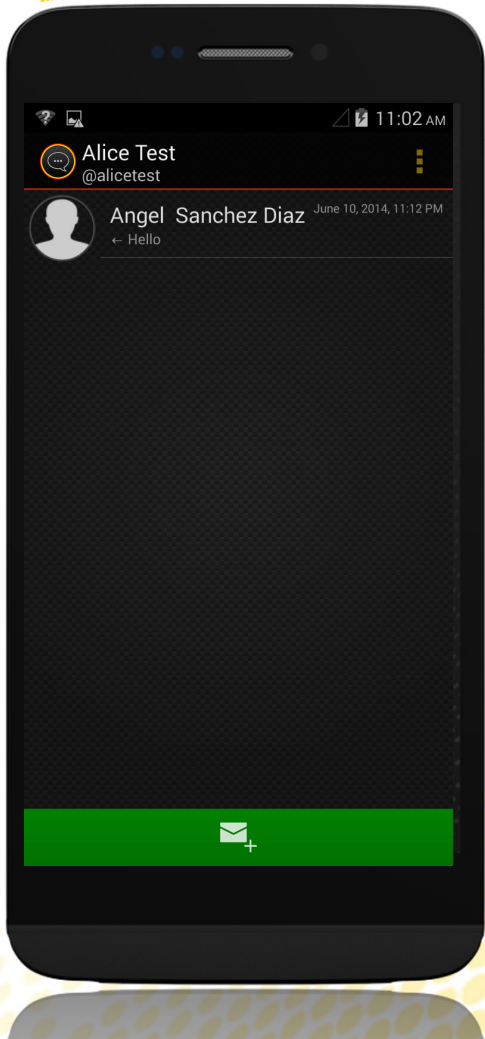


With Blackphone you can also send and receive SMS and MMS



Silent Text

Send truly private messages



- Encrypted File Transfer – encrypt, send, receive and decrypt 100 MB files with a tap of the finger. Word, PDF, Excel, PowerPoint, Keynote, Pages, Numbers - any file.
- Encrypted Text Messaging - AES 256 peer-to-peer encryption using our proprietary Silent Circle Instant Messaging Protocol (SCIMP). You hold the keys in the palm of your hand.
- Secure Destruction of Messages – when a message is burned, it is instantly and permanently removed from your device, from the receiving device and from our S-Cloud.
- Isolated Data Capture – Silent Text accesses your device's camera and microphone, allowing you to capture, store and send pictures, video and audio *within the app*.



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Silent Contacts



Store your important contacts in a secure encrypted way to prevent other non-authorized apps access to them.

Standard agenda app



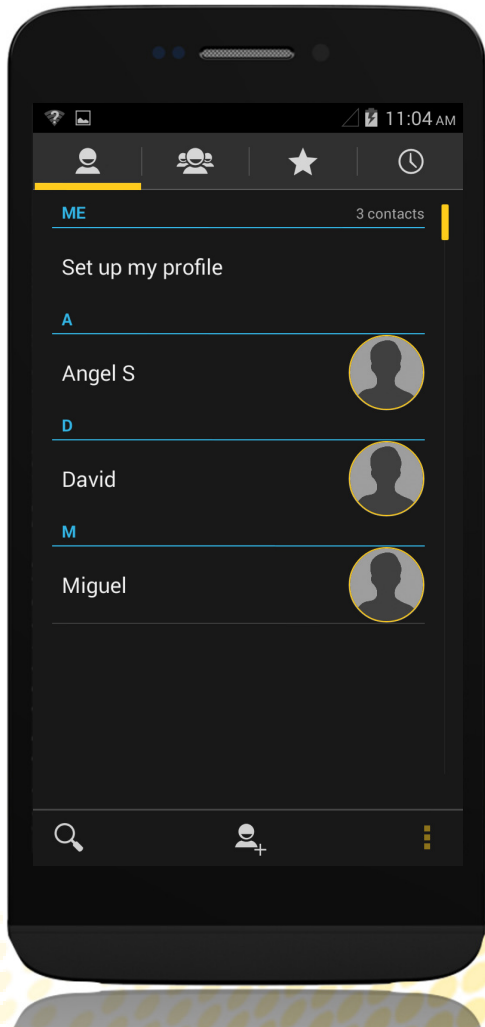
Blackphone also brings the default agenda to keep your normal contacts.



Silent Contacts

Encrypted storage of your contacts

- Encrypted address book and allows for the full control of call logs and contacts without compromising privacy.
- The encrypted app can be locked and password protected, giving you added control over your privacy
- It stores all contact and call log data in an encrypted database.





BLACKPHONE SOFTWARE SUITE



Remote Wipe & Protect

Have peace of mind in knowing that you have control over your data from anywhere in the world.



Secure File Transfer & Storage

Only you will decide what to publish, what to share, and what to keep entirely to yourself.



Blackphone Security Center

Gives you complete control over the flow of data to and from the applications and services on your device.

You are not isolated when using Blackphone

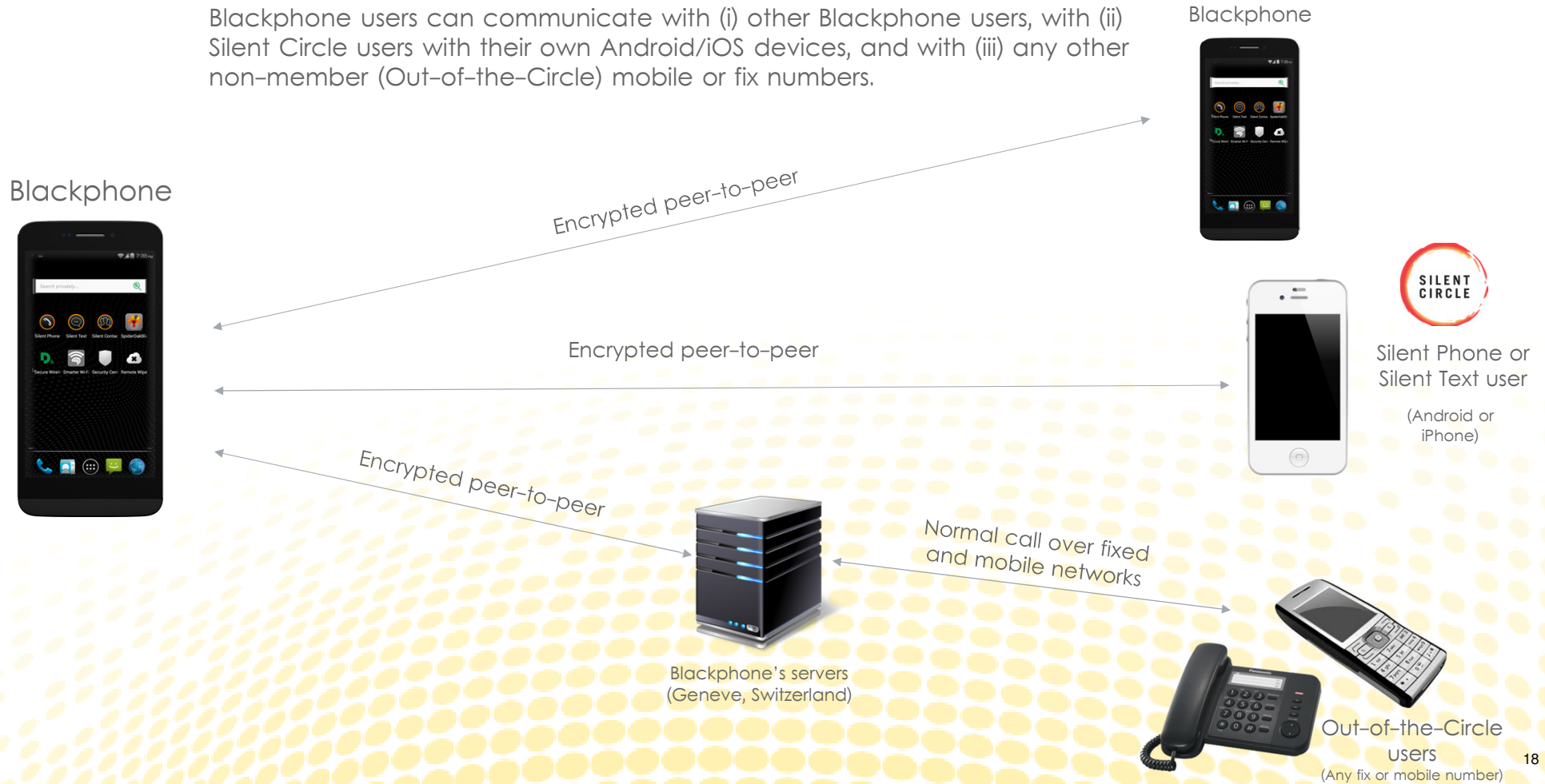




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Blackphone secure communication scenarios

Blackphone users can communicate with (i) other Blackphone users, with (ii) Silent Circle users with their own Android/iOS devices, and with (iii) any other non-member (Out-of-the-Circle) mobile or fix numbers.



Do you want to install other social and communication apps?

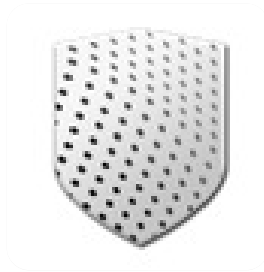


Feel free to do it. Remember that with Blackphone you decide until where you want to expose your privacy.



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Security Center



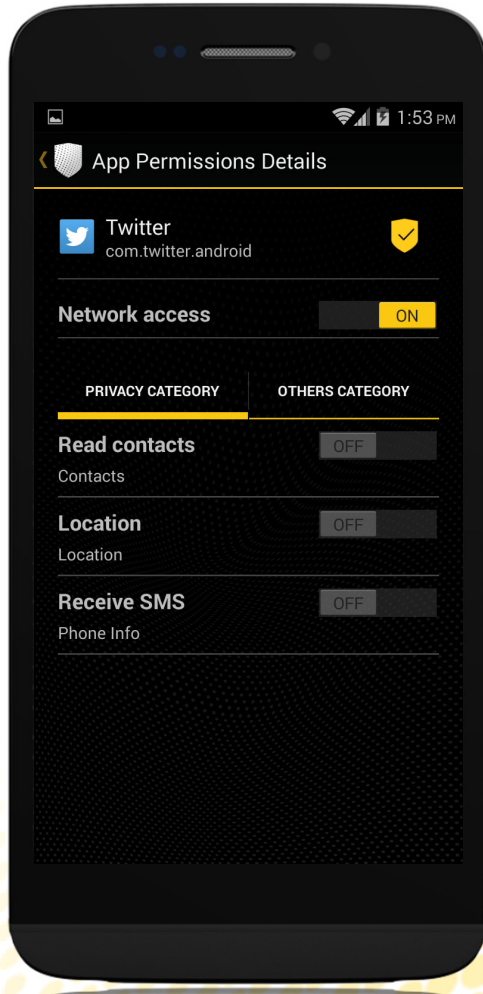
Gives you complete control over the flow of data to and from the applications and services on your device. You decide what permissions you grant to the applications you install.

Don't open the door of your personal information to the apps



When you install an application in any other Android device you have to accept ALL the permissions asked by the app, including those comprising your privacy (contacts, SMS, pictures, call log, location, ...). Most applications don't need to have access to this information for them to work. Have you ever wondered why?

Security Center



- Recommended permission settings for applications
- By default, Blackphone will deny Twitter to have access to your contacts, locations and receive SMS.
- The apps will keep working properly even when certain permissions have been denied.



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Disconnect Private Search

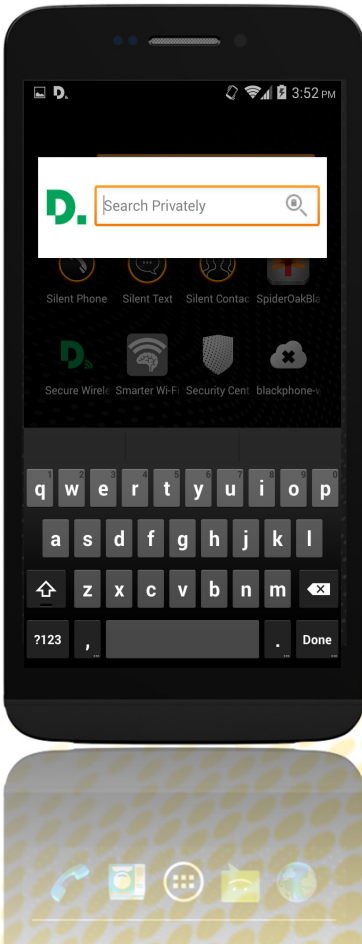


Stop companies from tracking & selling your searches. Blackphone lets you search privately using your favorite search engine and doesn't log searches, IP addresses or any other personal info.

Non-anonymous Search



You decide when you don't want to be anonymous when searching the Internet. It's up to you!



Disconnect Private Search

Search engines save your searches, which can be connected to your real name. Blackphone anonymizes your searches.

When you click a result link, the site may see your search terms. Blackphone doesn't let sites get your searches.

Your ISP can also see your search terms. Blackphone prevents ISPs from accessing your searches.



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Disconnect Secure Wireless

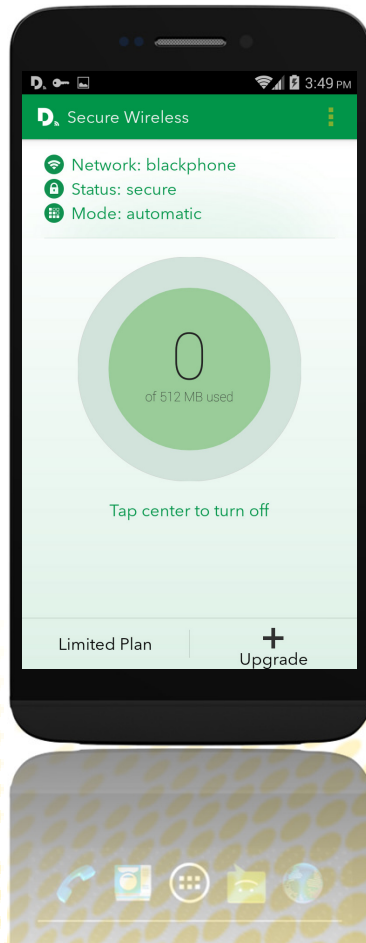


Secure your communications with a VPN when you are connecting to an unsecure network.

Be careful when connecting to non-trusted WIFI networks



Connecting to non-trusted WIFI networks certainly involves important risks. When you connect to a wireless network, your device receives data like a radio does. Anybody can “tune in” to steal your data if the connection isn't secure.



Disconnect Secure Wireless

Blackphone offers a smarter VPN designed to stop wireless eavesdropping over Wi-Fi and cellular networks. Secure Wireless is the first app that automatically detects and protects you on potentially insecure and dangerous networks.

Stop the biggest mobile trackers from collecting your info.

Protection from thousands of malicious advertising threats.

Private Storage



Blackphone provides the ability to utilize cloud technologies while retaining that precious right we call privacy. The 'zero-knowledge' privacy environment ensures only you can see your data. No one else can gain access. Not our staff. Not a government.

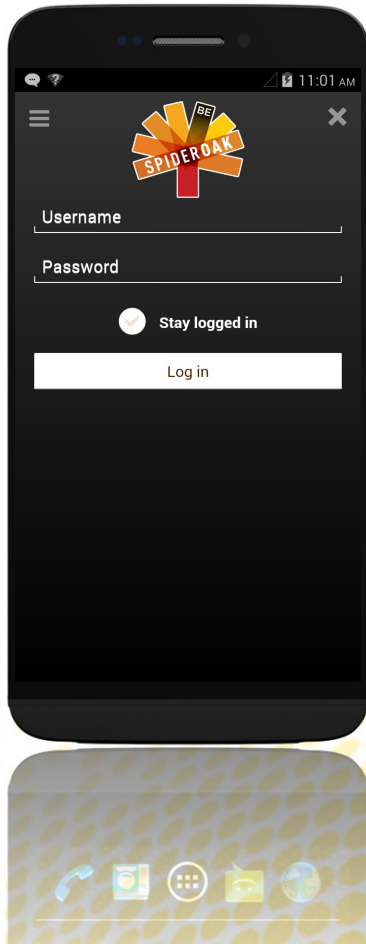
Relying on other cloud storage services may involve security risks



Most cloud storage services don't encrypt the information stored in their hard disks. Besides, they keep too much info about the owner of that data, which means: "No anonymity"



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Private Storage

Blackphone makes it possible for you to privately store, sync, share & access your data from everywhere.

“Zero-knowledge” privacy means the server never knows the plaintext contents of the data it is storing. Never. Therefore, the data is never at risk of being compromised or abused by either internal threats or external hackers.

Never lose a file, folder, or version ever again. You can automatically back-up everything, or select specific folders to back up at a scheduled time. You have full flexibility and the freedom of control.

Put multiple folders into a share and/or send a direct link to a file, anytime. And no need to worry... everything is password-protected.



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POSITIONING



Privacy, Choice, Control

A secure smartphone for everything you do.

The Choice is Yours

Blackphone's unique features put privacy back in your hands.

Secure by design

Blackphone combines a custom operating system with leading applications optimized for security.

The result

An unparalleled product ideal for people who recognize a need for privacy and want a simple, secure place to start.



Privacy applications

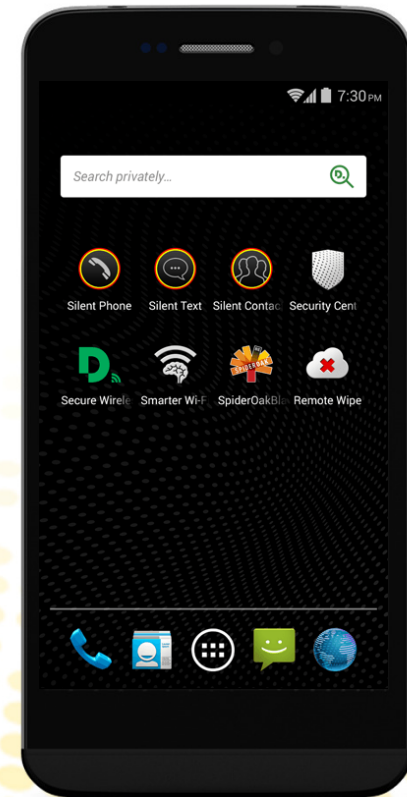
Blackphone comes unlocked and features several pre-installed privacy applications designed to maximize your control over what information you share.

Risk Control

Your digital life now revolves primarily around your mobile device, making privacy critical for your protection. Blackphone allows you to share voice, video, attachments, and texts securely.

Safety First

Blackphone uses encryption technologies already proven in government and enterprise accounts around the world. Blackphone's core applications combine world-leading commercial security tools with the transparency necessary to know which risks you can take and which you should avoid.





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PrivatOS



Developed by Blackphone, PrivatOS is a security-enhanced Android™ based operating system without the usual compromises.

Android default



Android, by default, still has many security doors open that comprises the privacy and security of the users.

Positioning



Commercial Online Services:
 Consumer grade encryption or known backdoors
 Access contacts and personal info
 "Customer as product" model – ads and marketing



- ✓ End to End world class Encryption
- ✓ Secure video, voice, file transfer & text communication
- ✓ No infrastructure, "Software as a Service" model
- ✓ No training: easy to use
- ✓ Out of Circle capability



Professional Encryption Tools:
 Hardware: expensive, infrastructure
 Software: implementation
 Often not peer-to-peer encryption
 Text only or call only
 No OutCircle capability



(Mobile) Device Security:
 Do not provide encrypted voice, video or text
 Data at rest, often not data in transit
 If encrypted in transit, usually via email or VPN
 "Enterprise grade": expensive, infrastructure, IT spend



Target groups

<i>Target Group</i>	<i>Potential</i>	<i># Subscribers</i>	<i># Blackphone</i>
Local Government	Mayors & direct staff		
Central Government (Ministries: e.g. Foreign affairs, security)	Inter departmental communications, SG/DG and sr. staff members		
Police, Fire brigade, Ambulance	Alternative or for non-vital communication between colleagues and related parties		
Defense	For inter-departmental communications or communication with external vendors		
Corporates	For confidential conversation on executive level Special target groups: energy, aviation, medical, semi-conductors. IP sensitive / Listed companies, Banks/Farma, Law firms		
LME	Specific segments like legal, researchers, freelancers in highly confidential environments		
SMB / SME	S pecific segments like legal, researchers, freelancers in highly confidential environments		
Consumer	Privacy sensitive individuals will pay for such a service		