



WHY I DO NOT USE WHATSAPP

by:

Abdul-Hakeem Ajijola

Chair, African Union Cybersecurity Experts Group.

Chair, Working Group "B" Cyber Incident Management and Critical Information Protection, GFCE.

Chair, Nigerian National Cybersecurity Policy and Strategy Review Committee

Chair, Consultancy Support Services (CS2) Limited

twitter.com/cs2Nigeria | www.facebook.com/CS2Nigeria | www.linkedin.com/in/aha01/

Nigeria Computer Society (NCS)

@ the

National Open University of Nigeria, Abuja

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The opinions expressed are solely my own and do not express the views or opinions of the organizers or organizations that I partner with.





Arguing that you **don't care about** the right to privacy because you have nothing to hide is no different than saying you **don't care about** free speech because you have nothing to say - **Edward Snowden**

- US CLOUD Act 2019, facilitates efficient US access to electronic information held by U.S.- based global providers like Meta/ Facebook/ WhatsApp/ Instagram/ Oculus, Google, Yahoo, AWS, Twitter.
- The take aways are that:
 - Service providers like Meta, owners of Facebook and WhatsApp, can only sell the data, and resultant insights, they collect. It is your data but someone else is making money from it.
 - US Authorities can only access what the U.S.- based global providers collect.
 - **Services that do NOT collect massive quantities of your meta-data cannot monetise or handover to their home authorities.**
 - Furthermore, the act permits the collected data to be shared with other governments around the world of their choice.
- As national security operatives, and even as concerned citizens, I would urge you all to switch to indigenous platforms that minimize your digital footprints and promote data sovereignty.
- Minimise **your exposure to "Gmail", "Yahoo", "AOL", "Hotmail", "AWS" and other foreign based providers as your primary email or official website host.**

PEGASUS SPYWARE

- Focus on high value targets due to high cost.

- Phone could become infected by simply receiving a WhatsApp call

- Accesses and exfiltrates:

- Calls, photos and messages, camera, microphone and location information.

- Detection:

- iVerify, a security app for iPhone and Android
- Mobile Verification Toolkit (MVT) by Amnesty International

- The only way to get completely rid of Pegasus is to discard the phone that has been affected.

- Factory resetting cannot remove the spyware completely.

- Delink all cloud accounts.

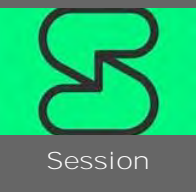
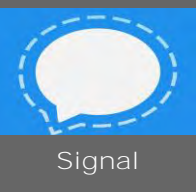
- Change all passwords for enhanced security.

- Install only up-to-date apps on new phone.

- Similar Product : Dropoutjeep, RCSAndroid, Exodus, P6-Geo, Zerodium

- Source: <https://www.iverify.io/>

- Source: <https://github.com/mvt-project/mvt>





Nigeria Budgets \$12m to Monitor WhatsApp, Others

<https://www.arise.tv/nigeria-budgets-12m-to-monitor-whatsapp-others/>



Redirect N4.8bn to monitor WhatsApp calls to pay doctors' salaries, SERAP tells Buhari

<https://www.vanguardngr.com/2021/08/redirect-n4-8bn-to-monitor-whatsapp-calls-to-pay-doctors-salaries-serap-tells-buhari/>



Nigerian govt moves to control media, allocates N4.8bn to monitor WhatsApp, phone calls

<https://www.premiumtimesng.com/news/headlines/473147-as-nigeria-moves-to-control-media-nia-gets-n4-8bn-to-monitor-whatsapp-phone-calls.html>



Facebook Messenger

GSM# during registration
+ 39 items



WhatsApp

GSM# during registration
+ 18 items



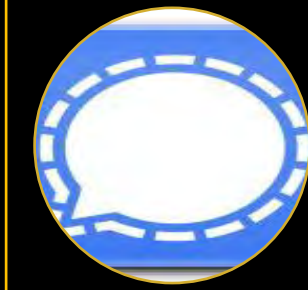
iMessage

GSM# during registration
+ 4 items



Telegram

GSM# during registration
+ 4 items



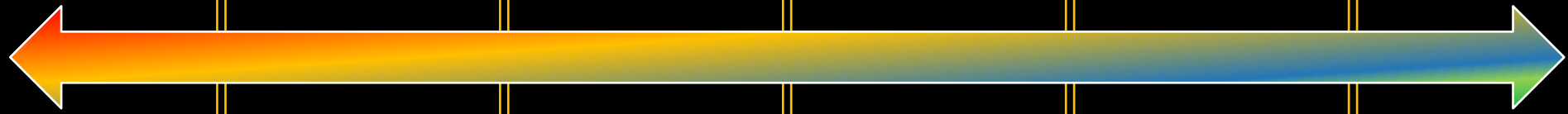
Signal

GSM# during registration



Session
Nothing

Phone Number, Email Address, Contacts, Coarse Location, Device ID, User ID, Advertising Data, Purchase History, Product Interaction, Payment Info, Crash Data, Performance Data, Other Diagnostic Data, Customer Support, Product Interaction, Other **User, Content....**



Platforms cannot monetise/ sell what they don't collect. Provides cannot be ordered by Government to share what they don't have

MALTE SPITZ

Six (6) months cell phone activity

35,000 TRACKED

CELL PHONE

RECORDS

"Betrayed by Our Own Data," Die Zeit

Video of
metadata
that outlines
movements
&
relationships

What metadata does your phone/ISP collect about you and your organization

[HTTP://WWW.ZEIT.DE/DIGITAL/DATENSCHUTZ/2011-03/DATA-PROTECTION-MALTE-SPITZ](http://www.zeit.de/digital/datenschutz/2011-03/data-protection-malte-spitz)



info@consultancyss.com
www.cs2.com.ng

#CYBERSECURITY A, B, C:

A - #ASSUME NOTHING

B - #BELIEVE NO ONE

C - #CHECK EVERYTHING

