

UNCLASSIFIED

Babylon™ Secure Communications

WHAT IS BABYLON?

Babylon is a unique combination of encryption, HW and architecture for using the public cellular communication infrastructure to securely transfer classified information and conduct classified calls.

Babylon is the only smartphone solution in the market that cannot be hacked by known and unknown cyber attack tools and spyware.



***Modified
S23+ Phone
and Secure Jacket***



BABYLON BASED CELLULAR DEVICE ARCHITECTURE

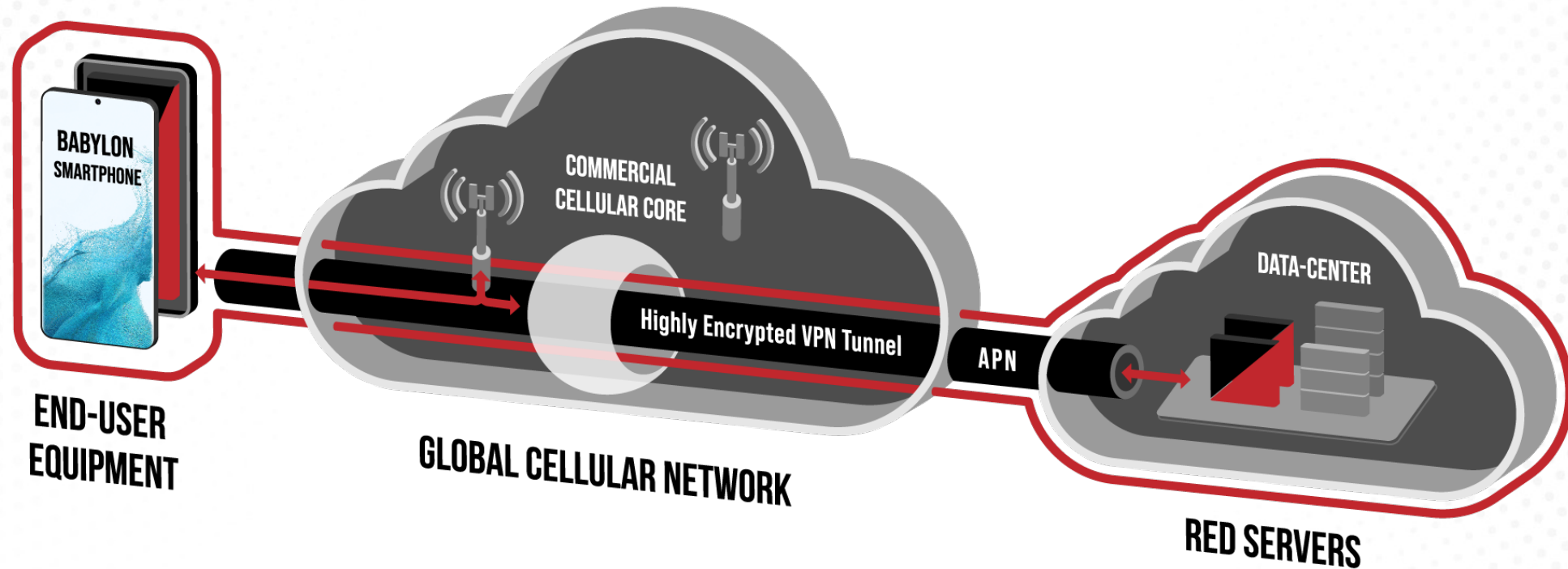
- Modified COTS phone protected against penetration
- The phone's transmitting capability is disabled, forcing all communication via an external modem
- External modem and crypto engine are built into the phone's external jacket
- Only IP communication is allowed
- Military grade encryption

Even installing a malicious app on the phone will not breach the phone.



HSL SECURE MOBILITY SYSTEM – CELLULAR INFRASTRUCTURE

Babylon is essentially creating a private network for organizations on top of a public infrastructure



BABYLON APP STORE AND FUNCTIONALITY

- Secure calls with other members of the organization
- Video calls and conference calls
- Text messages to a single user or group
- Geographical messaging – select an area and send a message to anyone in the area
- PTT application
- Location and mapping services – see where other member of the organization are located
- Picture and file sharing

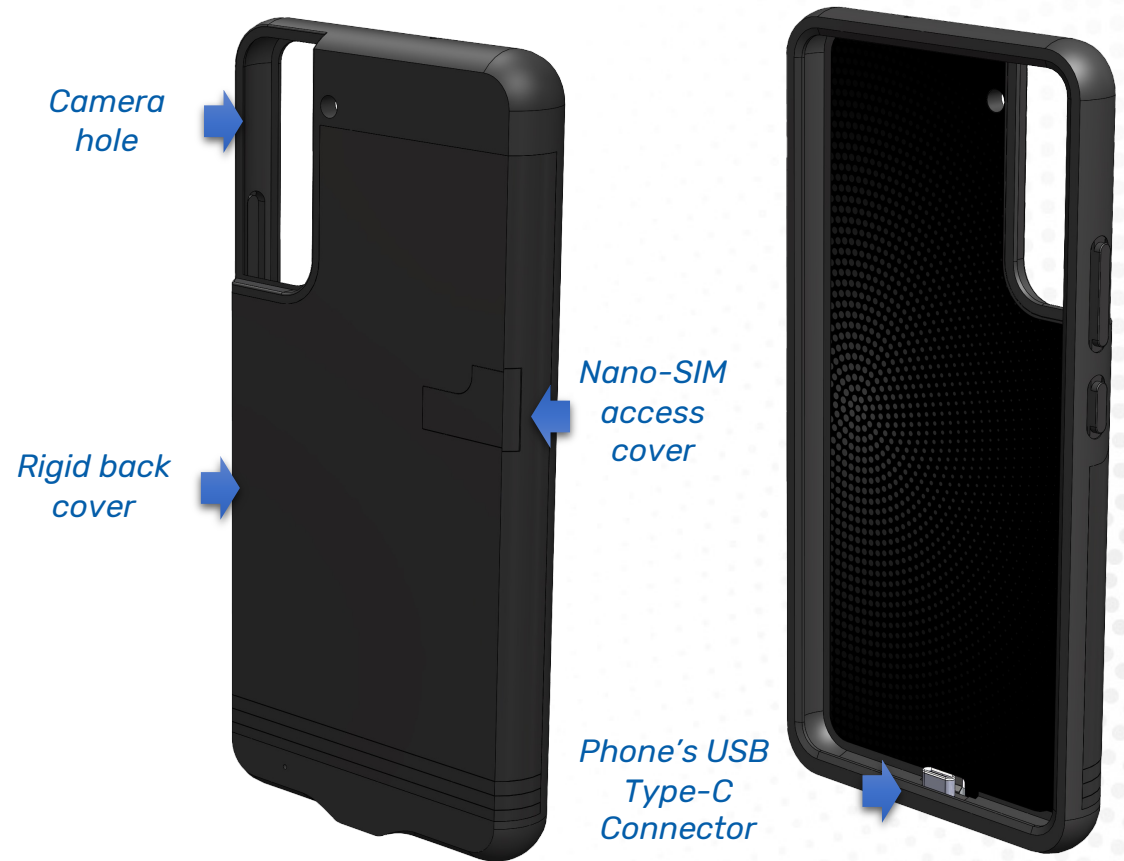
Completely resistant to all spyware attacks; can be used anywhere in the world



BABYLON ARCHITECTURE

- ✓ End-to-End security architecture – system is isolated from the internet
- ✓ Dedicated App store with modified applications
- ✓ Access is limited by encryption, HW device, IP Address, APN and SIM
- ✓ Modified ROM image to assure security and functionality

S23+ Security Jacket



BABYLON BUILDING BLOCKS

- Modifying standard phones to be used as high-security phones
- Classified\private traffic on commercial LTE/5G networks
- End-to-end security enforcement and monitoring tools
- Utilization of commercial cellular infrastructure to support high-security communications
- Low-cost, low-power, high-bandwidth military strength encryption
- Robust multi-user encryption gates
- Ruggedized Android images and commercial Android applications

S23+ Security Jacket



BABYLON SAMSUNG TAB ACTIVE 2 ENCRYPTED TABLET

Modified Tab Active 2 Tablet for Top-Secret Use



ABOUT HIGHSECLABS

High Sec Labs is a Cyber Security Company Protecting Defense and National Security Infrastructure

- ✓ *Privately-owned, HQ in Israel*
- ✓ *Founded in 2008*
- ✓ *Locations in Israel and the USA, 300 employees, 100 R&D positions*
- ✓ *More than 100 patents*
- ✓ *Secure manufacturing facilities in Israel and the US*
- ✓ *Main markets: US, Canada, Europe*



https://www.youtube.com/watch?v=_5512WELq0w

Thank You

For more info:



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