

MILITARY GRADE END-TO-END CRYPTO SMARTPHONE

X-CRYPTO 7500



Mil-Grade interoperable : Crypto Smartphone X-Crypto 7500.

Smartphone solution for Military & Government officials.

For defense authorities, government department and law enforcement the demand of keeping communications secure, access data and transfer information anywhere and anytime present real challenges.

Despite commercial innovations, these commercial devices are disqualified for the professionals that handle sensitive or classified information.

When communicating, be it voice or data communication, users should always be aware of the risks associated with third parties tracking data, gaining access to or modifying users information.

For government authorities and defense departments X-Systems has developed a military grade smartphone in-house, that is designed to resist attacks from any source.

**X-Systems 7500 Smartphone.
Available as X-Crypto + X-Secure.**

Security & Safety First. Combined with Modularity.

The X-Crypto 7500 military grade smartphone has been developed to provide end-to-end encrypted and secure communications to those professionals handling high-level sensitive and classified information.

The X-Crypto 7500 is built for data security, encrypted interoperability, communication- and data protection.

The X-Crypto 7500 software- and hardware protection has been designed to resist attacks from any source, is forensically proven safe, and can resist to the current methods of [physical] data-extraction, phishing and cyber espionage.

Security threats. Real challenges.

X-Crypto 7500 • X-Secure 7500.

Secure Interoperable Communications.



User-friendly security & safety. Choose the required level of security.

X-Crypto 7500 / X-Secure 7500.

X-Crypto 7500 has been developed to protect users handling high-level classified information. It has been designed to resist attacks from any source on communication, application, information, data, hardware and components level.

X-Secure 7500 enables users to establish secure voice and text communications, data transfers and application access. And substantially reduces eavesdropping, vulnerability to malicious applications and tampering.

X-Crypto 7500. No compromise of security.

The X-Crypto 7500 military grade smartphone offers the exceptional combination of security, safety, usability, and stability for the user.

Containing the highest security, safety and cryptography levels,- to safeguard sensitive or classified data -, information and intel protection, on both hardware- and software through the entire smartphone.

The X-Crypto 7500 military smartphone is designed to make it easy for the user to establish and maintain end-to-end encrypted communications without risk of eavesdropping, steganography and cyber espionage.

Users can worry-free communicate with colleagues from their own company, platoon, department or national security domain.

Be safe. Be secure. Be accessible. Be protected.
Safeguarding your sensitive information.

Built for end-to-end security. Primed for users safety.

Mil-Grade software protection

- Secure Software & Hardware as one.
- Defense grade protection against attackers.
- Three layered encrypted architecture.
- Custom strengthened device kernel.
- Secure signed and encrypted shielded boot.
- Custom-built encrypted operating system.
- Encrypted AES-256 AOSP device OS.
- AES-256 encrypted data & user partitions.
- Reducing the risks of malware and hacking.
- Self-destruct OTA wipe, to destroy all local data.
- Malicious, phishing and infrastructure proof.
- Side-channel, brute-force and tamper proof.
- Processor: Cortex-A7 Quad-Core 1.2 GHz.
- Memory: RAM: 2GB, ROM: 16GB, SD: 32GB.
- Micro-USB: Allows only device charging.
- Camera: Front 5.0 MP - Rear 13.0 MP.
- Dual-SIM cards: 2G, 2.5G, 3G and 4G.
- Wifi: 802.11 B/G/N.
- Sensors: G-, light-, range- and geomagnetic.
- Pre-set SOS emergency calling dialer.
- Compatible to all major MDM providers.



X-Secure 7500 / X-Crypto 7500 Optimum Security with X-Crypto 7500.

Safety by design & Security by development.

The X-Crypto 7500 and X-Secure 7500 come with safety features within the ergonomic housing including; physical device (answer, reject, custom, SOS emergency) buttons for gloves-friendly use. Beltstrap, flashlight, waterproof speaker, extended battery, and more.

Both the X-Crypto and X-Secure 7500 are an intrinsically safe IP68, Mil-Std 810g smartphone

Available in three color types;
Orange-Black | Green-Black | Black-Black

Security threats. Real challenges.

X-Secure and X-Crypto are developed as an defensegrade, secure mobile workspace designed to separate, encrypt, and protect data from attackers.

Professionals within the government, law-enforcement, military, naval, marine and defense should also be able to communicate end-to-end securely while on the move.

For these users the ability to transfer information fast and secure may be a matter of life or death. For these users only the highest level of security and safety is mandatory.

Developed upon layers of trust, providing the highest security, safety and cryptography levels,- to safeguard sensitive or classified data -, information and intel protection, on both hardware- and software through the entire smartphone.

The presented X-Crypto and X-Secure 7500 military smartphone are available as MOTS and GOTS. Special Developments are possible.

Built for end-to-end security. Primed for users safety.

Mil-Grade hardware protection

- Safe Hardware & Software combined.
- Durable and ruggedized construction.
- Tactical multi-purposes ergonomic design.
- Shock, drop, vibration and pressure resistant.
- Impact resistant strengthened display.
- Display 4.0 inch FWVGA + Gorilla Glass.
- Mil-STD 810G components & housing.
- IP68 environment, dust- and waterproof.
- Hand gloves friendly with physical buttons.
- Physical calling, safety & emergency buttons.
- For additional safety extremely bright flashlight.
- Loud waterproof speaker + noise cancellation.
- Additional extended and replacable battery.
- Long battery life: 72+ hours operative usage.
- Extreme and hostile environment resistant.
- Developed for mission critical situations.
- Interoperability architecture engineering.
- Sealed device with epoxy around housing.
- Sealed device with screws within housing.
- Identify when attempted disassembly.
- Dual-Sim capability for global connectivity.
- Trigger function to inoperable device.
- And other protective hardware features.



Special & Customized Developments. Personalized Security & Safety.

Special Developments.

Confidential & Restricted developments upon request.

X-Systems has the ability to develop an exclusive crypto smartphone with custom requirements upto development and manufacturing on premises and within the borders of the client.

May it be tailor-made hardware, housing, component or printed-circuit board design. Using specific chemically strengthened components protection or RAM / ROM potting reducing chip-off attacks. Applying biometric and other physical sensors.

Customization Developments

The following device components can be removed on software level, or on both software and hardware level for optimum security, deniability or safeguarding from observers.

With a patent-pending software integration it is also possible to enable and disable device components on hardware level.

Remove / disable: Bluetooth communications
Remove / disable: Wi-Fi / WLAN communications
Remove / disable: SIM / IMSI communications
Remove / disable: Location & GPS receiver
Remove / disable: SD-Card slot connector
Remove / disable: AUX audio connections
Remove / disable: Front- and rear cameras
Etcetera, possible for each of the components.

**Contact the X-Systems sales team
for more information.**

Enhancing mobile security. Data and communications.

Reducing and preventing vulnerabilities risks

- Tampering.
- Eavesdropping.
- Cyber Espionage.
- Malicious spyware.
- Drive-by downloads.
- Web browser exploits.
- Malware & Ransomware.
- Malicious applications.
- Sideloaded applications.
- Software vulnerabilities.
- Man-in-the-middle attacks.
- Forensic software attacks.
- Forensic hardware attacks.
- Privacy software attacks.
- Brute-force attacks.
- Side-channel attacks.
- Chip-off/on attacks.

X-Systems

Secure Mobile IoT

X-Systems develops and delivers high level user-friendly security and safety (software- and hardware) mobile and IoT solutions, for a more secure and safer world.

X-Crypto 7500 and X-Secure 7500 are developed and built to provide the highest security and safety currently available in one encrypted military grade smartphone.



X-Systems BV
The Hague Security Delta
Wilhelmina van Pruisenweg 104
2595 AN – The Hague
The Netherlands

X-Systems BV
www.X-Systems.com
info@X-Systems.com
0031-85-877-17-67