KATIM

KATIM X4

BRIDGING DISTANCES AND SECURING TRUST,
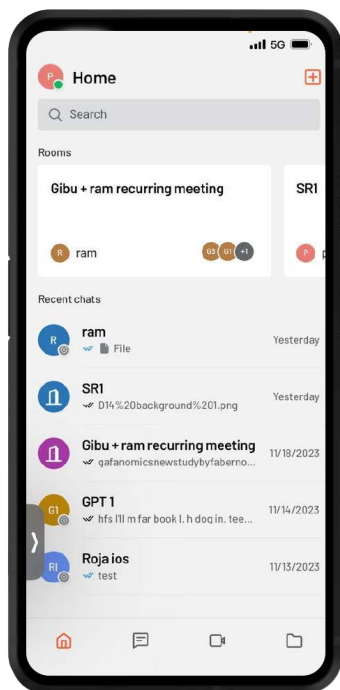EMPOWERING COLLABORATION EFFORTLESSLY

OVERVIEW

In today's complex threat landscape, security breaches can have profound consequences for national interests.

Standard consumer-grade messaging applications simply cannot provide the level of security required by defence, intelligence, critical infrastructure, and sensitive government agencies. Their convenience comes at the cost of weakened encryption, expanded attack surfaces, and overall lack of control. Such apps allow easy communication compromises through vulnerabilities like backdoors, data leaks, unauthorized access, and foreign government surveillance. They lack customizable encryption protocols necessary to meet advanced security requirements.

Vital national communications require purpose-built, government-grade security features like end-to-end encryption, perfect forward secrecy, firewall traversal, and total user control. Without these, standard apps pose unacceptable risks of breach and surveillance. For organizations protecting classified data or critical systems, only defence-grade security can safeguard data against sophisticated cyber threats. Consumer apps may be fine for personal use, but defence, intelligence, and sensitive agencies require communication tools aligned to their advanced security needs.

KATIM X4 FOR UNPARALLELED PROTECTION

KATIM X4 - a next-generation communication solution meticulously designed to support custom, national-level cryptography. Exclusive to elite government agencies, KATIM X4 safeguards our nation's most critical information, reinforcing the walls that protect our sovereignty and interests. In the realm of security, why compromise?

Choose KATIM X4 unparalleled protection to ensure the nation's safety!

KATIM 2.0

KATIM 2.0 is the next generation ultra-secure applications platform for nation's data security.

KATIM 2.0 is the only purpose-built platform that uses the latest technology stack to create scalable, custom, and security-differentiated solutions for ultra-secure communication and collaboration.

KATIM X4 is the first product available on KATIM 2.0 Platform.

CRYPTOGRAPHY

KATIM X4 platform supports crypto agility for integrating sovereign cryptographic algorithms. The platform's architecture is crafted to accommodate interchangeable cryptographic algorithms, rendering it an ideal choice for seamlessly integrating a wide array of cryptographic methods based on specific needs.

The modular design of KATIM X4 Protocol allows configuring the crypto suite from pre-integrated set of algorithms. The configuration is locked in a S/W release to mitigate risks of negotiation attacks during session handshake. According to latest research, traditional algorithms like RSA may be vulnerable to attacks made feasible by developments in quantum computing as factorization of large numbers becomes highly practical.

The KATIM X4 Protocol leverages strong classical and modern post-quantum compatible algorithms to offer best-in-class protection against attacks made feasible by leveraging quantum computers. A solid foundation for data in-transit protection is provided by combination of well-designed random number generation, classical algorithms, quantum computing resistant algorithms having extreme key lengths and short encryption key lifetime.

ABOUT KATIM

KATIM is a leader in the development of innovative secure communication products and solutions for governments and businesses. As part of the Space & Cyber Technologies cluster at EDGE, one of the world's leading advanced technology groups, KATIM delivers trust in a world where cyber risks are a constant threat, and fulfils the increasing demand for advanced cyber capabilities by delivering robust, secure, end-to-end solutions centered on four core business units: Networks, Ultra Secure Mobile Devices, Applications, and Satellite Communications. KATIM empowers organisations worldwide with the confidence that their mission-critical information and communications are private and secure at all times. Based in Abu Dhabi, KATIM accelerates digital advancement, nurtures next-generation talent, and curates advanced innovations to solve the most difficult digital challenges for its customers.

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Level 15, Aldar HQ Abu Dhabi,
United Arab Emirates
+971 2 236 0600

www.katim.com