KATIM

KATIM® Messenger

DEFENCE-GRADE SECURE MESSAGING, VOICE AND VIDEO

Secure communications require a secure-by-design approach

KATIM® Messenger is an ultra-secure communications tool without compromise. Using state-of-the-art encryption, it is ideal for messaging, voice and video communications and ensures private and secure enterprise communications, collaboration and decision-making.

Secure communications require a secure-by-design approach
The foundation of our approach is a secure-by-design philosophy. We build our solutions with a zero-trust security model and an industry first multi-layer secure-by-design methodology that incorporates threat modelling and attack vector analysis, ensuring secure communications across all the use cases.

THE KATIM® DIFFERENCE ▬

SECURE

Multi–layered, end-to-end cryptography model is similar to having a primary and secondary parachute for a skydiver

Strong identity guarantees peer-verified user authentication to prevent impersonation and information leaks

Continuous application threat modeling keeps security at the forefront of development, mitigating organisation-wide risk exposure

PRIVATE

Your data always belongs to you, it remains encrypted throughout its life, keeping your communications private across all the use cases

Users' data is never shared with third parties for monetisation

Completely control the data and keys of the solution, preventing Digital14 (or anyone else for that matter) from accessing your communications

TRUSTED

Manage and control the whole solution, further isolate users into circles, create an organisational structure to your design

Manage the solution's auditing and tracking controls, enable administrators to manage risk while establishing compliance

Independent testing and validation to reduce risks to users and enhance the value, reliability and security of the solution
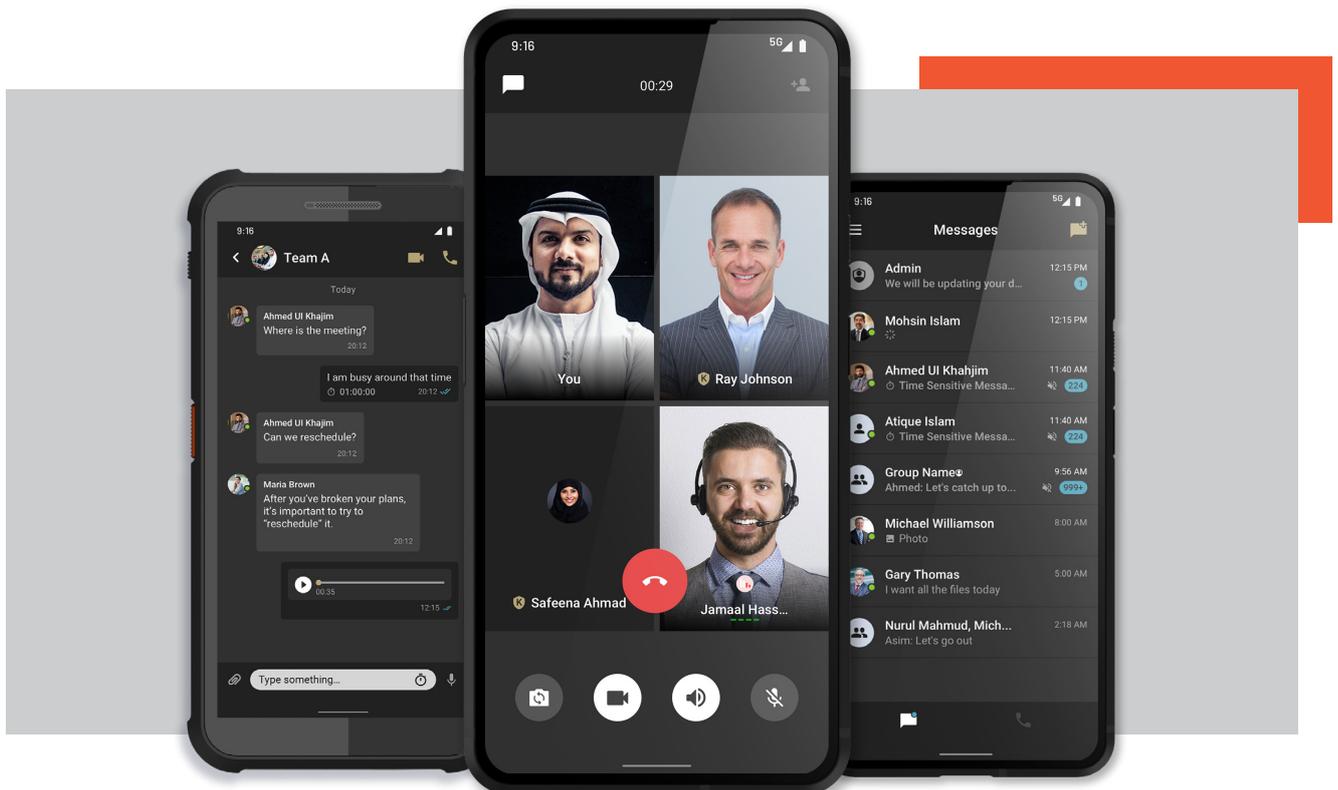
SPECIFICATIONS —

KATIM® MESSENGER OFFERS PEACE OF MIND UNLIKE ANY CONSUMER-GRADE MESSAGING APPLICATION

KATIM® Messenger is designed with continuous threat modeling and risk mitigation at the design stage and thereafter on every iteration, unlike consumer-grade apps that employ a "catch and patch" approach only after vulnerabilities have been disclosed.

Consumer-grade messaging applications are designed for broad viral adoption with the least amount of controls. They allow any user with a phone number to reach other users and send content, without the recipients' ability to verify the sender's identity or the content's risk. KATIM® Messenger practices strong Private Key Infrastructure (PKI) based user identity and a double handshake peer-verification approach to ensure that the user is communicating with a trusted and intended peer.

With KATIM® Messenger you own and control your data and encryption keys preventing others from accessing your information. Consumer-grade free messengers are inherently designed to collect and share users' personal information in order to monetise user's data or the users directly.

Unlike most consumer-grade applications, every release and update of KATIM® Messenger is independently tested and validated to ensure the code meets the strictest security requirements of the design, with no gaps or known vulnerabilities.

With an option to host and manage KATIM® Messenger in your organisation's infrastructure, you are in control of your business communications and who takes part in it. With behind-the-firewall-control, the organisation's info-sec team can practice secure compliance and auditing to meet regulatory requirements and reduce business risks drastically. No such user management or controls are possible with consumer-grade messaging applications, neither are the auditing and compliance management capabilities. Your data may be spread across the world on multiple servers without your knowledge or visibility into minor or large scale data leaks.

FEATURES

Works with KATIM® Phones, Android and iOS devices

Installation and activation via a simple registration process

One-to-one and group chat, voice or video calls

Self-destruct, recall and deletion of messages

Shoulder surfing protection, read messages one line at a time, while the rest are obfuscated

See when messages you have sent to someone are forwarded to others

InfoSec-focused operational security through compliance and auditing capabilities

State-of-the-art Opus WB audio codec for superior call quality

Higher quality and lower bit-rate codecs than industry standard to save bandwidth

Secure Federation allows your organisation to trust another by federating both organisations, allowing secure communications between both organisations

Secure Circles further isolate users by creating secure circles of peers

DEPLOYMENT

Customer-Hosted: Deployed in the organisation's site so that all components and data reside in organisation-controlled infrastructure

Digital14-Hosted on a dedicated instance: KATIM® Messenger delivered as a managed service by Digital14 on a dedicated private deployment per customer

Digital14-Hosted on a shared instance: KATIM® Messenger as-a-Service delivered via shared instance on a cloud infrastructure

KATIM® Messenger is distributed securely for iPhones via an organisation's Apple Business Manager account or through controlled distribution for Android devices

Licensing is based on the number of users

Various levels of enterprise support options are available to meet organisation's needs