Communication without barriers, security without compromise

softwareunited talks

Regional knowledge, local infrastructure, world safety standards

Our company is focused on the development
of innovative tools that help organizations improve the efficiency, privacy and security of everyday communication. Our team consists of experts from Serbia in the field of cyber security with experience in the development, design and implementation of applications.

Whether it's greater flexibility of online collaboration, security of sensitive data and user identities, or compliance with global standards, our goal is to transform communication to eliminate risks and **protect your business** from current and future security threats - today.

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Key functionalities

Talks is a private communication platform based on advanced security protocols. Available on mobile (iOS, Android) and desktop (Windows, macOS, Linux) operating systems, as well as on the web, it enables fast and secure communication from any device and any location.

- Voice, video and conference calls
- Instant messaging and file transfer
- Multifunctional calendar
- Screen Sharing
- White list for premium users
- Admin panel for managing user accounts and activities
- User networking through tokens
- 2FA - two-factor authentication

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iOS

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License types

User license

- Video and audio calls
- Regular chat
- Disappearing chat
- File transfer
- Login verification with OTP sms code or 2FA
- Calendar (scheduling meetings)
- User profile and profile security settings
- User networking through tokens

Admin license

- Adding and editing users
- Adding and editing sectors
- Blocking and deleting users
- User activity logs
- User activity reports
- Support center for reporting bugs on the platform
- List of UPDATEs
- Dashboard with basic information for the ON PREMISE system
- Security settings for ON PREMISE system

On-Premise - Security in your hands

- Traffic and data control in your data center
- High-level data encryption in transit and during storage
- Cryptographically secure hash functions for your users' passwords and tokens
- 0-Trust system + 2 Factor Authentication - Multi-level user authentication according to world standards
- Automatic maintenance and updating of the system infrastructure
- Full control of the system through the admin panel

On-premise hosting

Easy implementation within 24 hours

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Calls and messages

- Seamless peer-2-peer communication technology at group level and direct calls
- Encryption of data and metadata via WebRTC channel
- Routing exclusively through on-premise media & ICE servers
- Call management via proprietary protocols
- Dynamic adjustment of quality and flow rate during communication
- Full support for adding guests to a call via a link

- End-to-end (ECDH) and multi-layer dynamic AES-256 world-class content encryption at group and direct chat level
- Multifunctional user interface: reply, forward, do not disturb...
- Support for the exchange and encryption of documents and their safe storage
- Support of message length up to 6000 characters
- Dynamic synchronization for a better user experience

Security measures and protocols

- Static & Dynamic AES-256 encryption
- SQL Database TDE Data-at-rest encryption
- WebRTC in-transit encryption
- 2FA login procedure
- IP address blocking / blacklisting
- 1 session/user login control
- Anti-admin/tampering data protection
- Brute-force/DOS protection

Security of external services

Firebase / APN

Sending mobile notifications

The content transmitted through this service is completely end-to-end encrypted between the server and the specific mobile device.

For the sake of data protection, the content of the notification is exclusively logical in nature and contains minimal information sufficient for the proper functioning of the platform. Example: { userId: 1, type: 'check-new-messages'}.

Twilio

Sending SMS messages – 2FA

This external service is used exclusively for the distribution of messages with OTP (One-time token) and cannot be used for anything else.

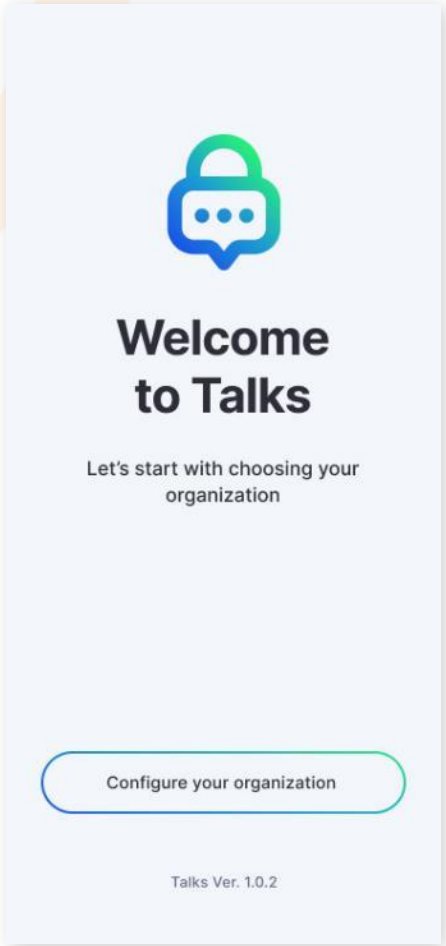
Microsoft Graph

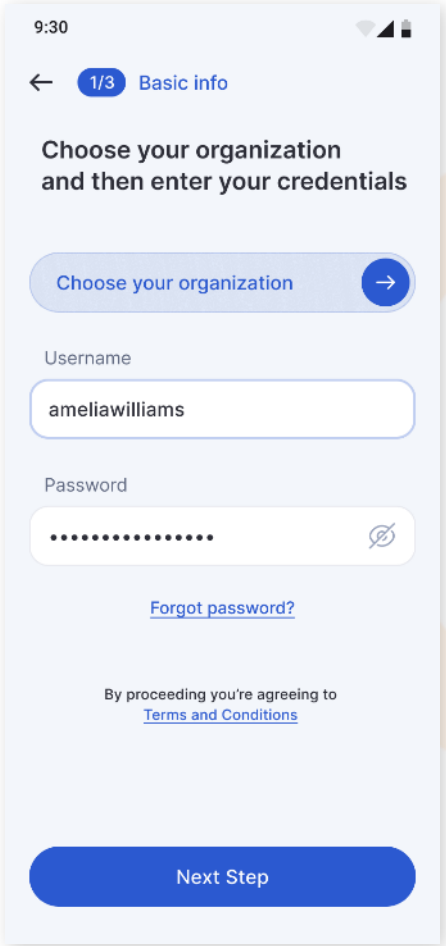
Sending email messages

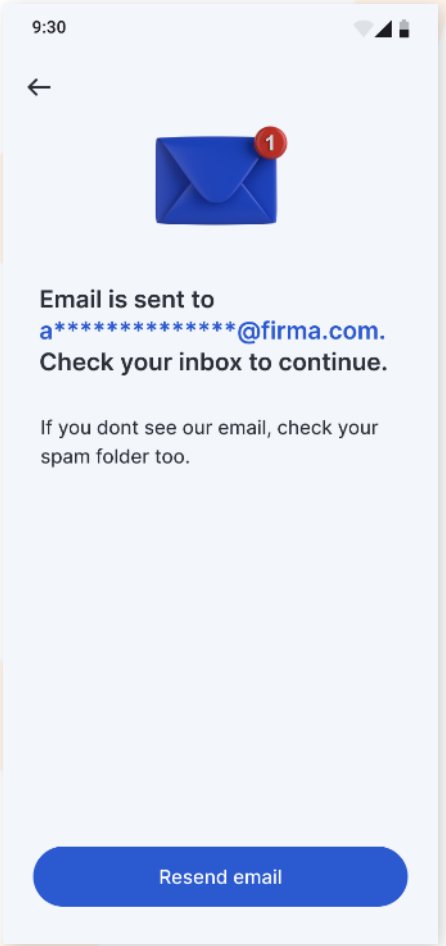
Email messages are of an informational nature and are notifications about changes to the user profile, or about an upcoming meeting.

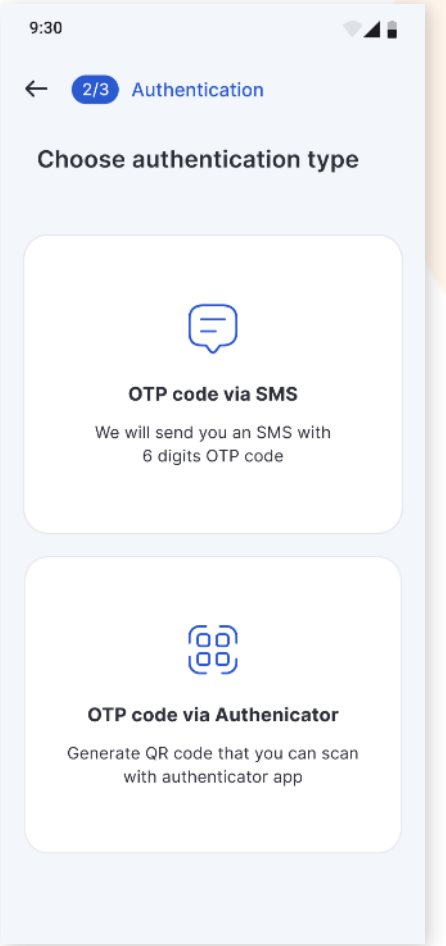
Application screens

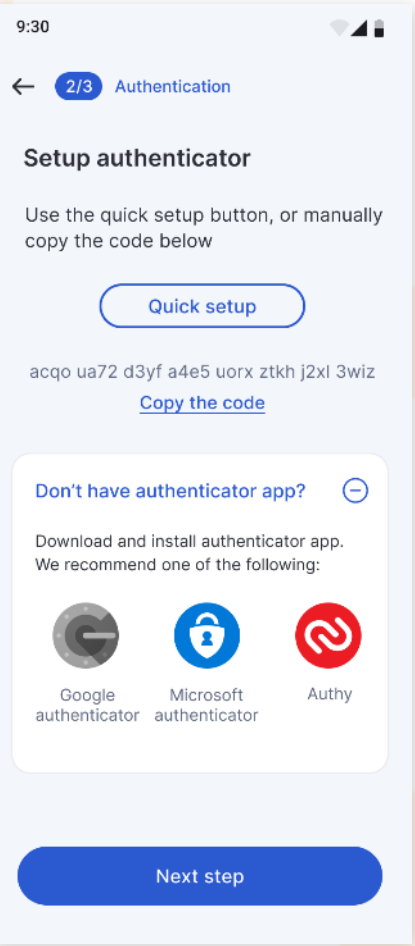
Home screen, login screens mobile app











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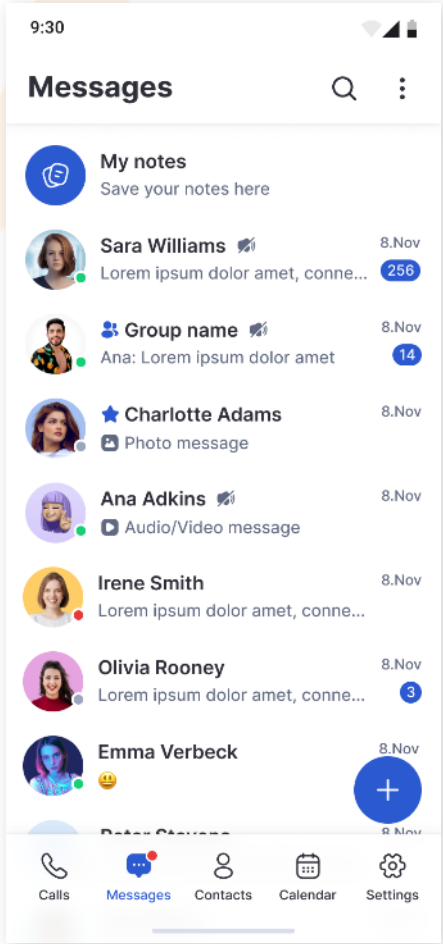
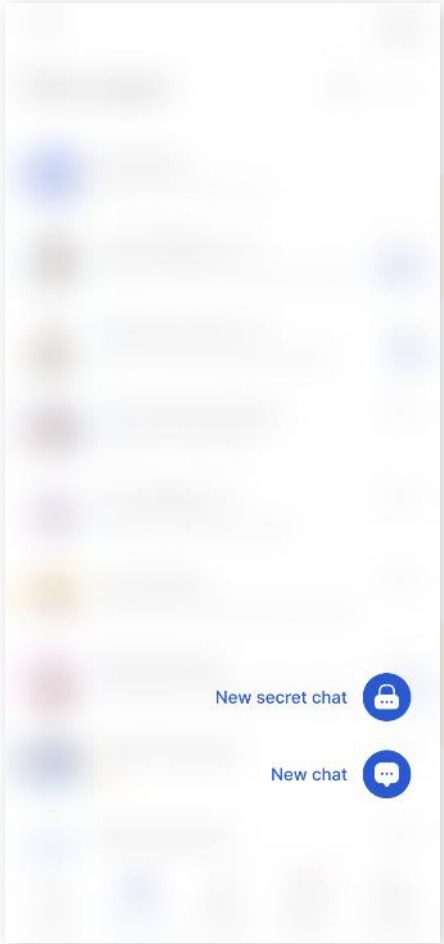
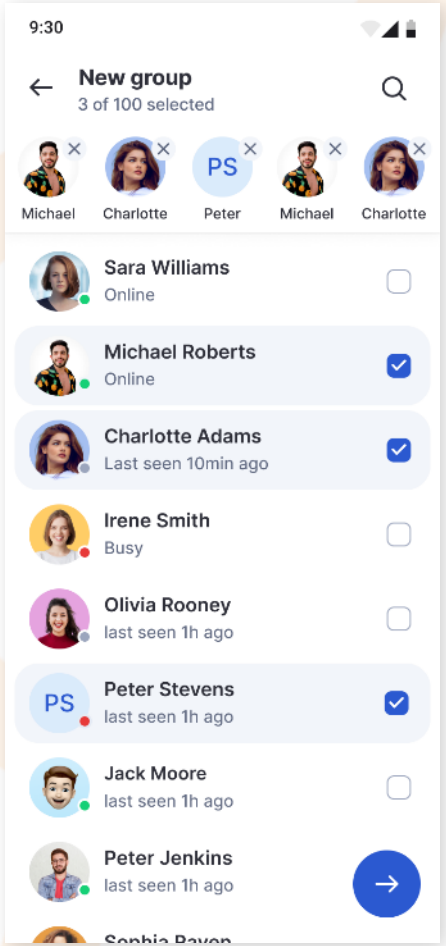
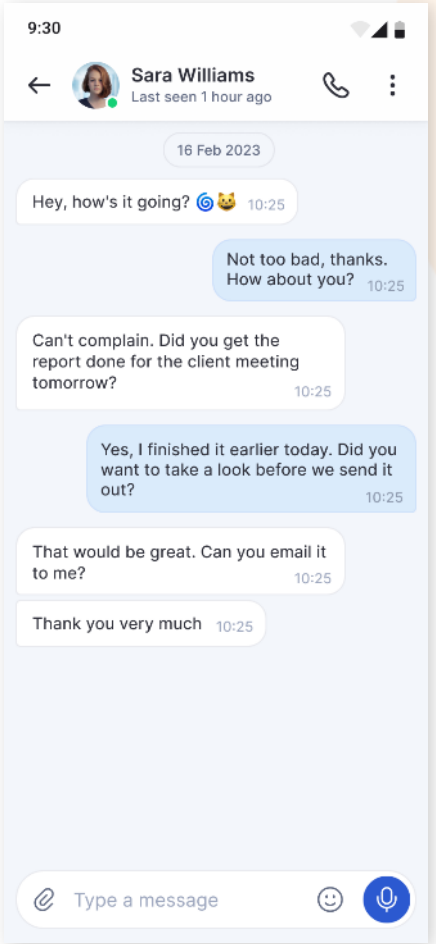
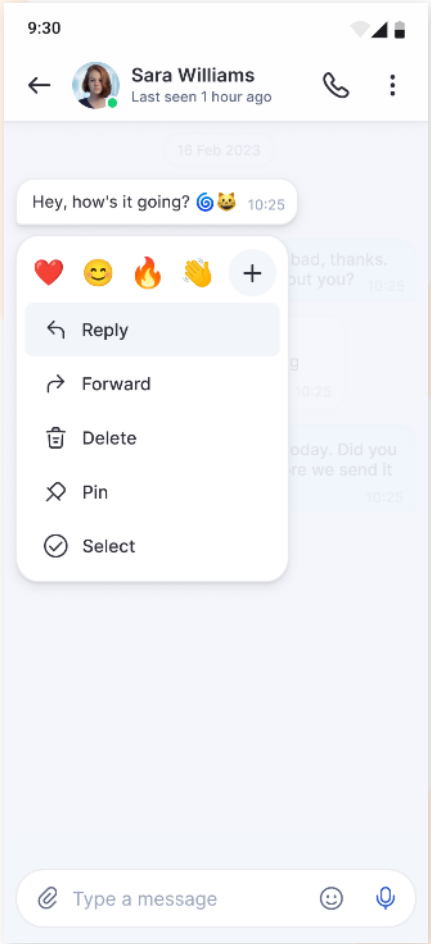
Messages mobile app











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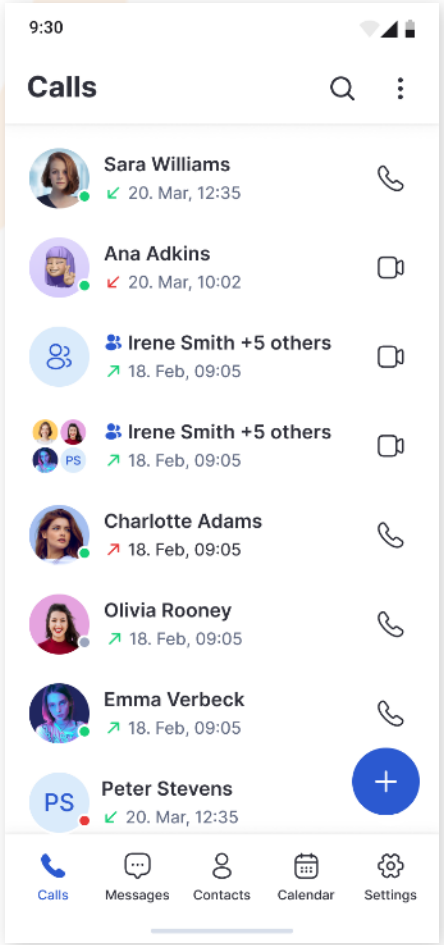
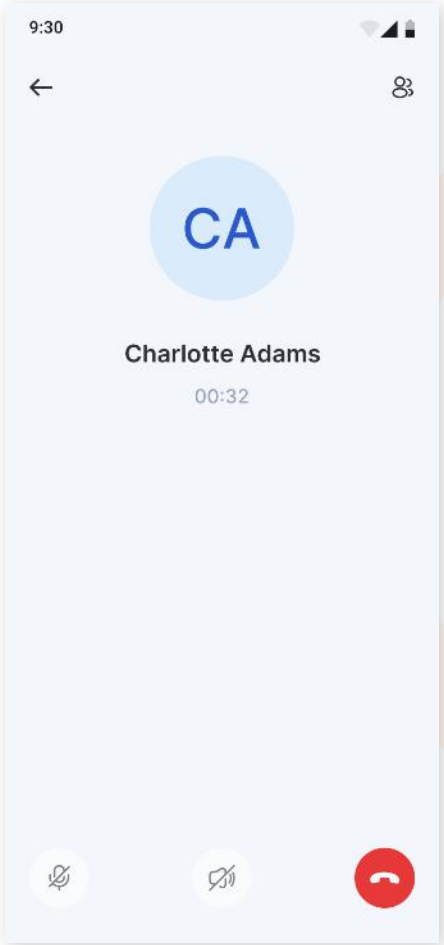
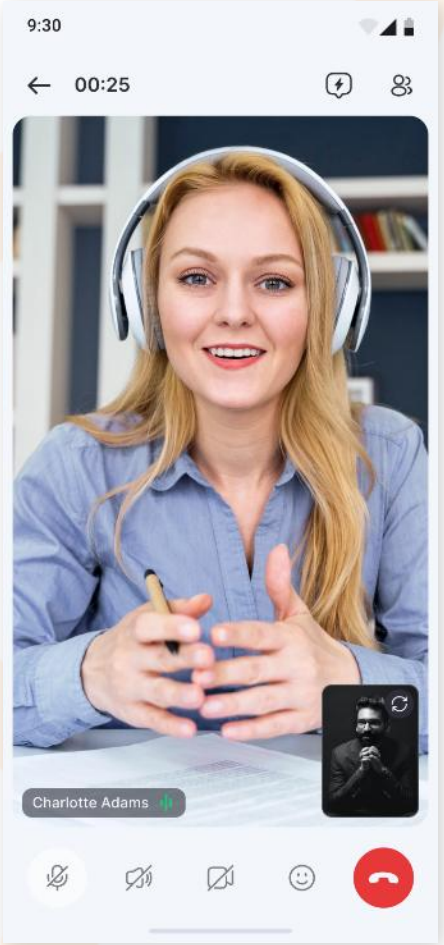
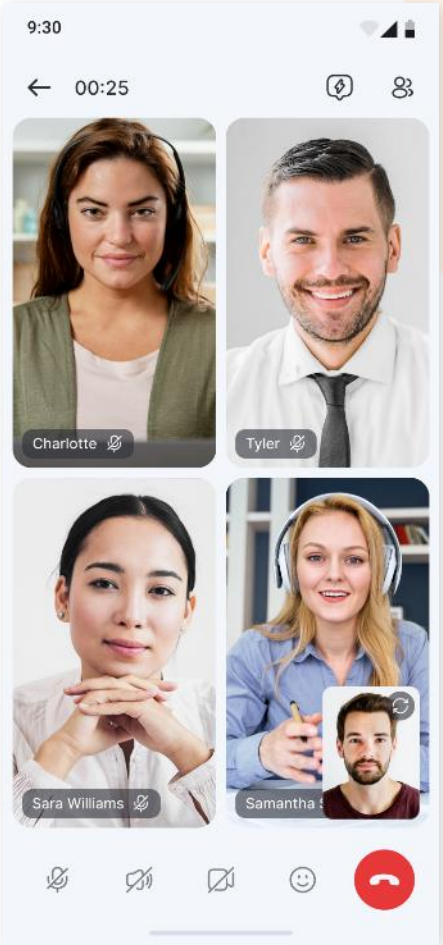
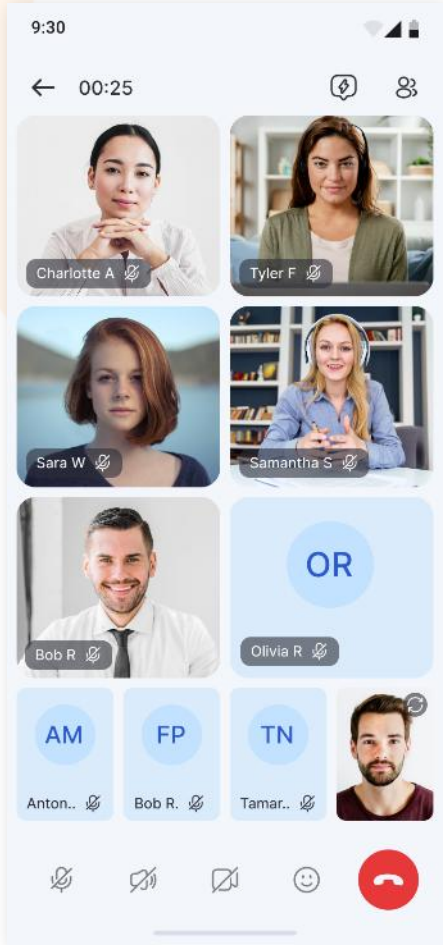
Calls mobile app











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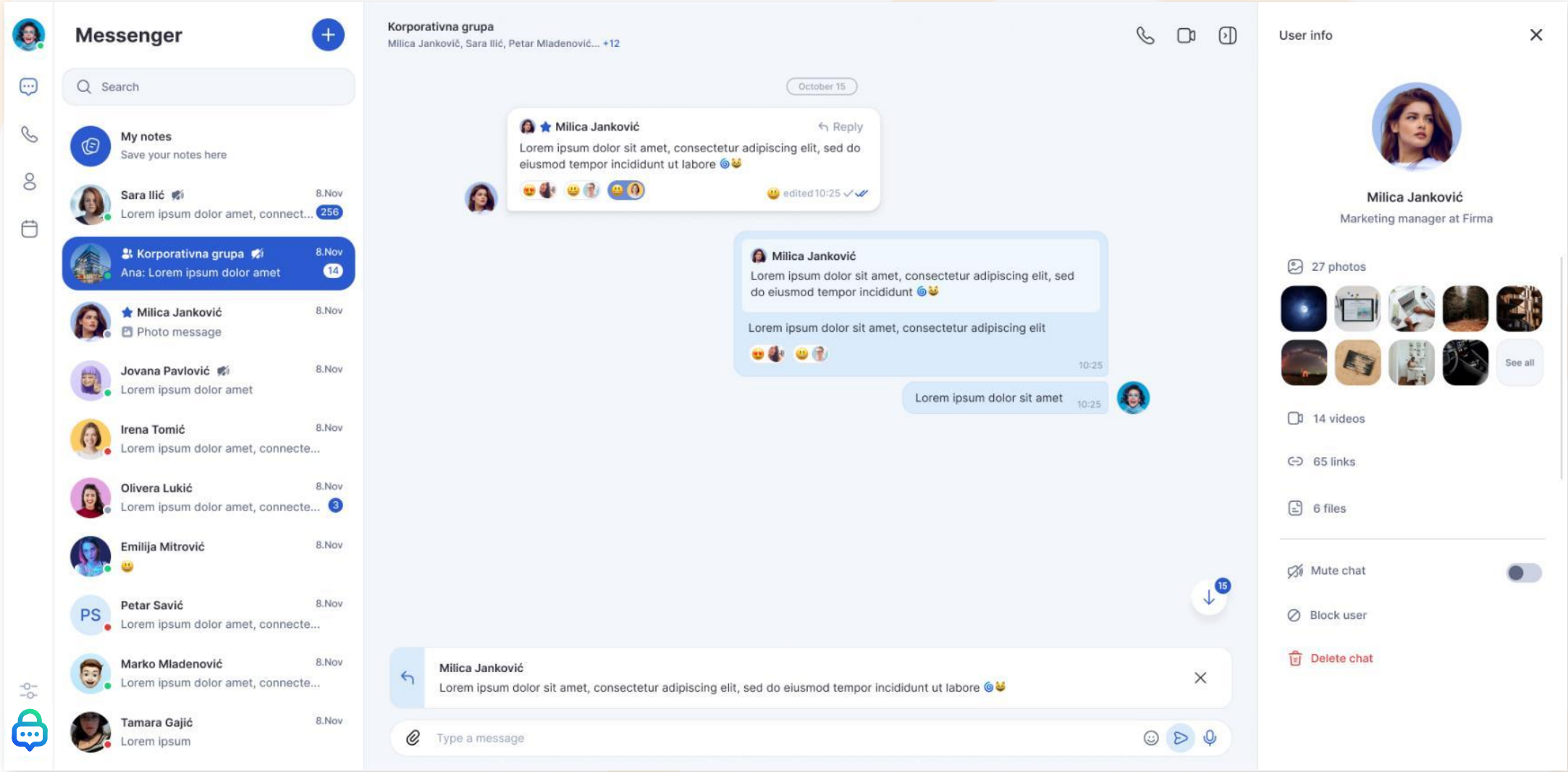
Messages on desktop



Sending, editing, forwarding, replying, copying and deleting messages // Calling with audio or video option from chat // Creating groups

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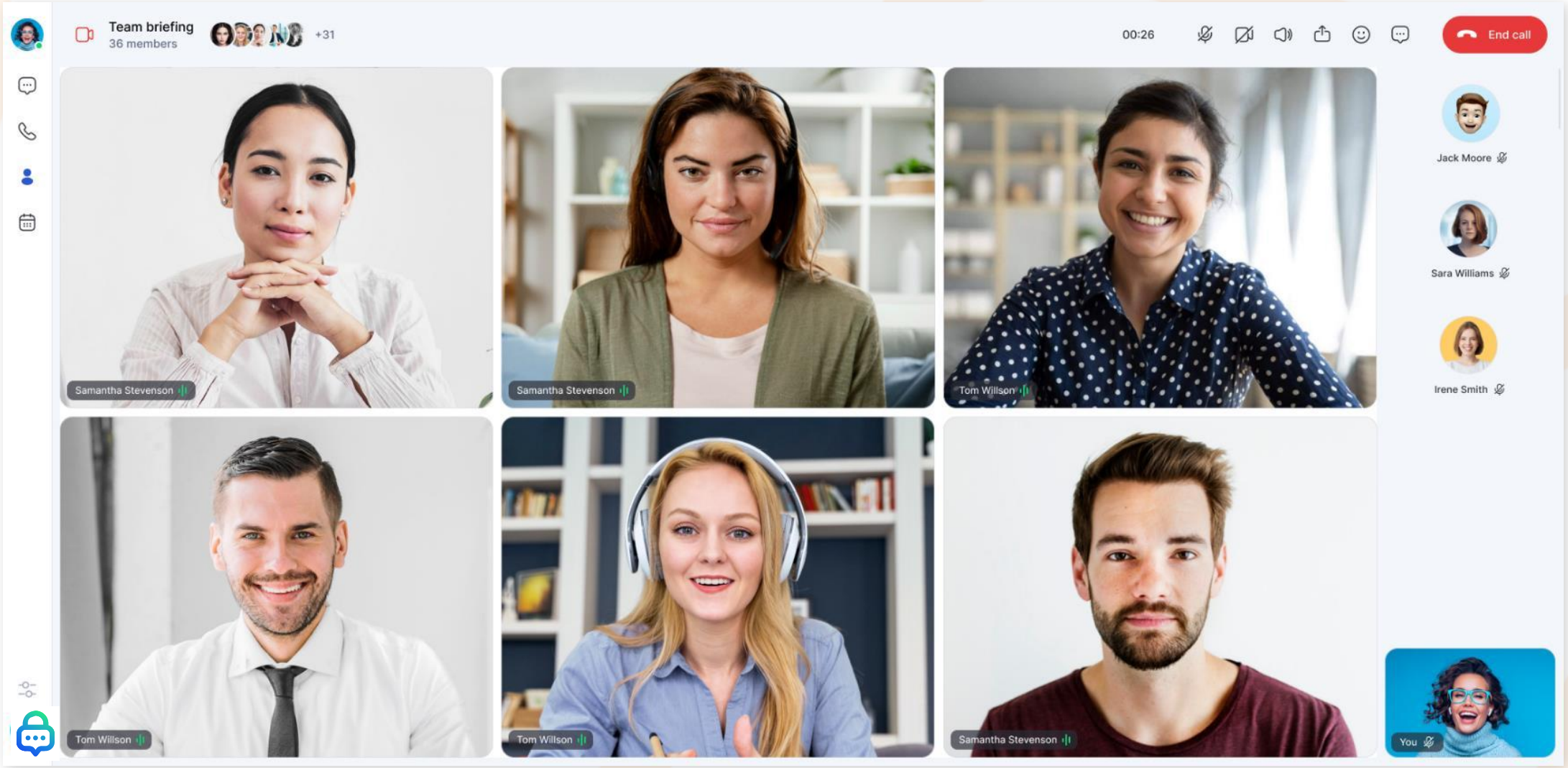
Video meeting



Group video/audio communication // Add/remove // Camera on and off // Microphone on and off // Screen sharing // Send: files, pictures, videos, voice messages, links and stickers...

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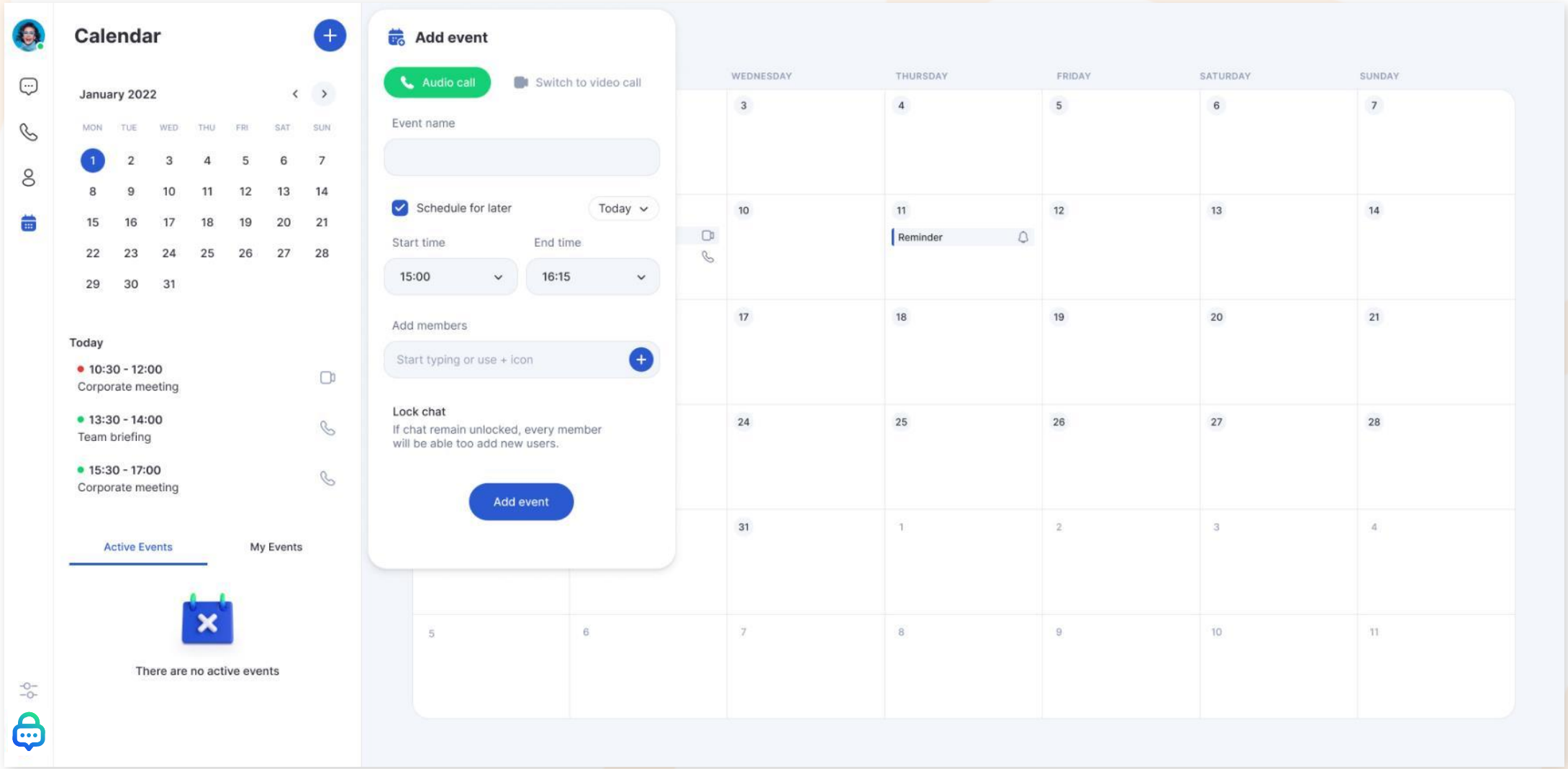
Calendar



Create & manage events, preview of upcoming meetings.

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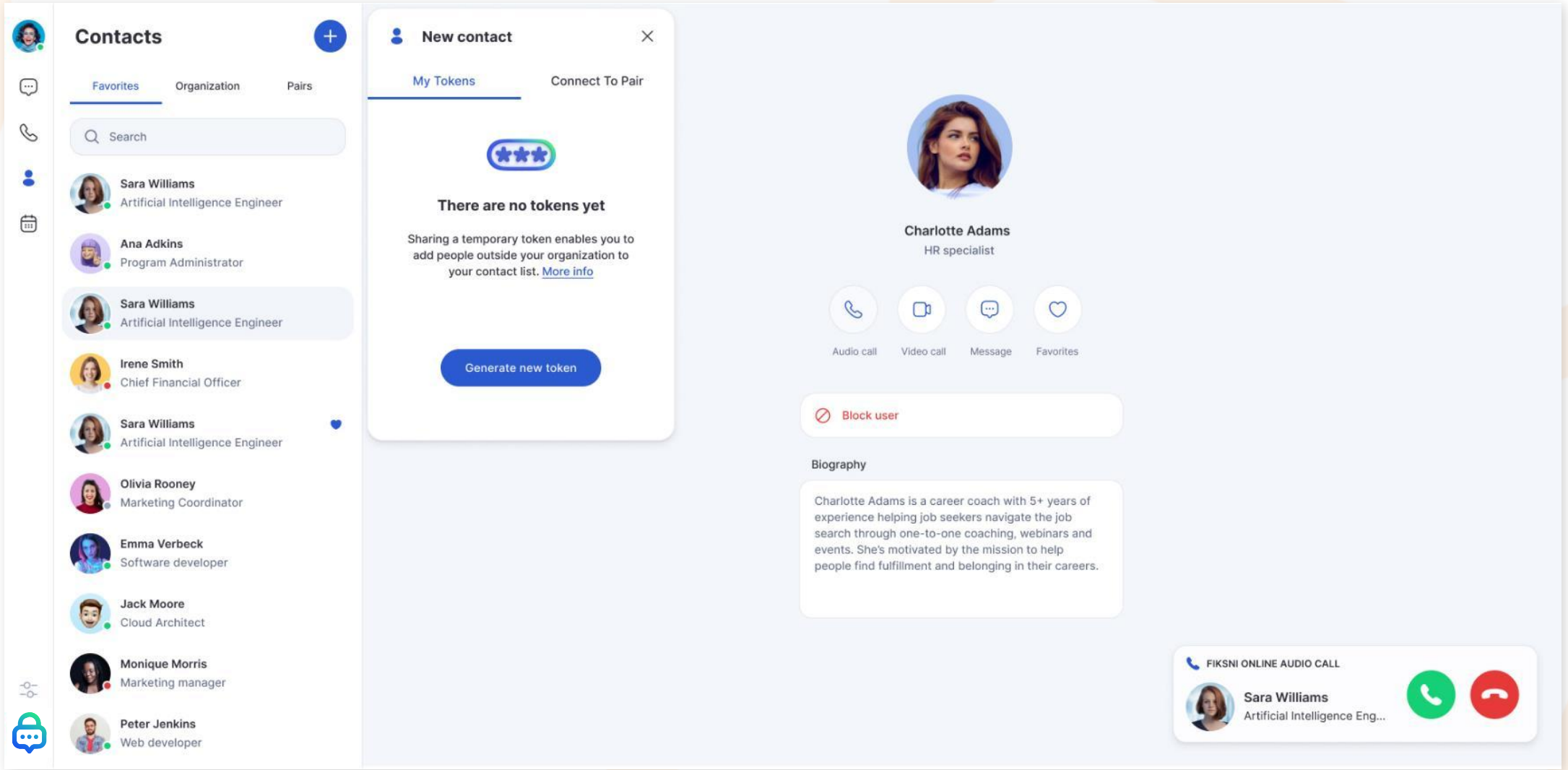
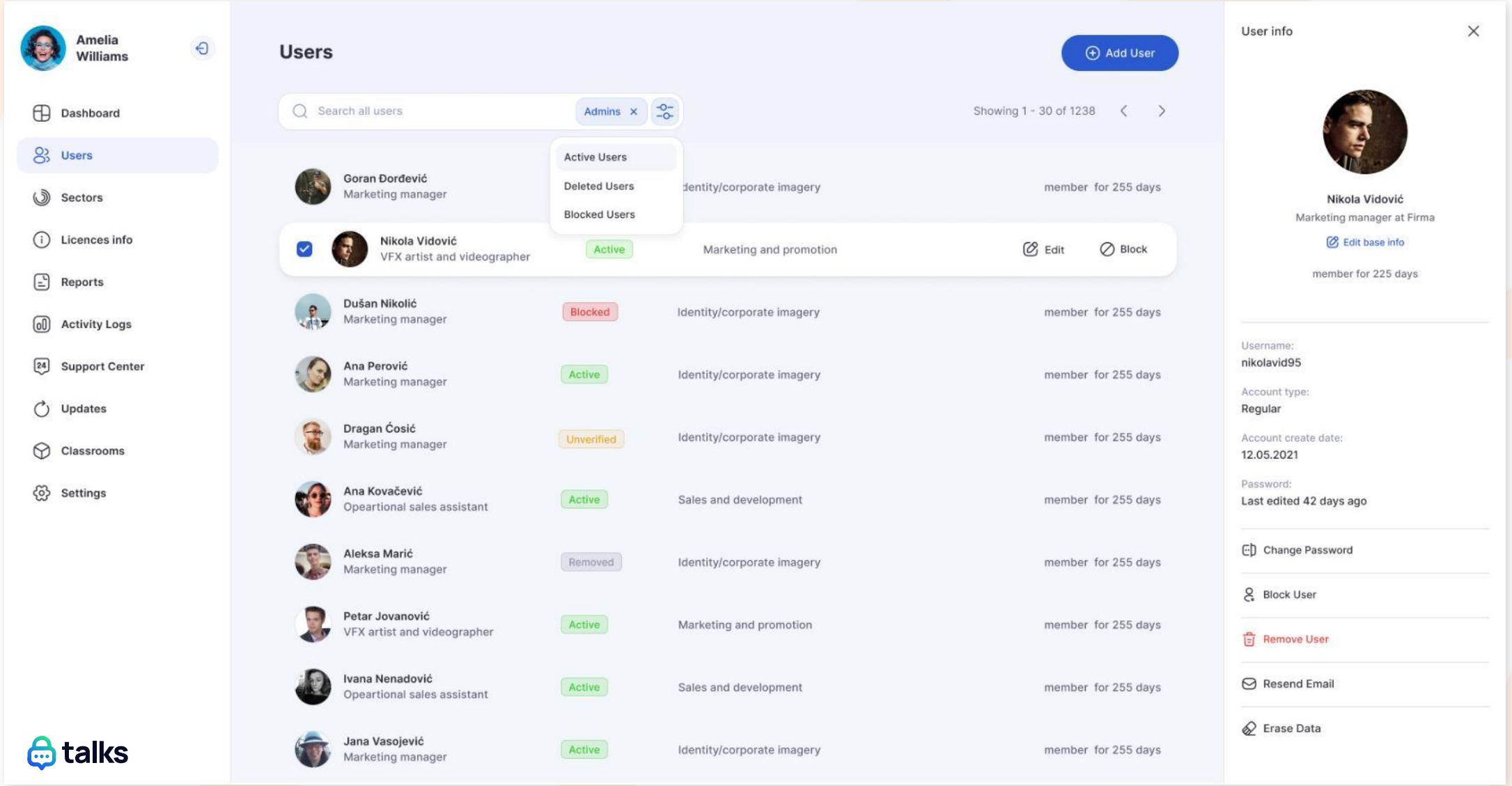
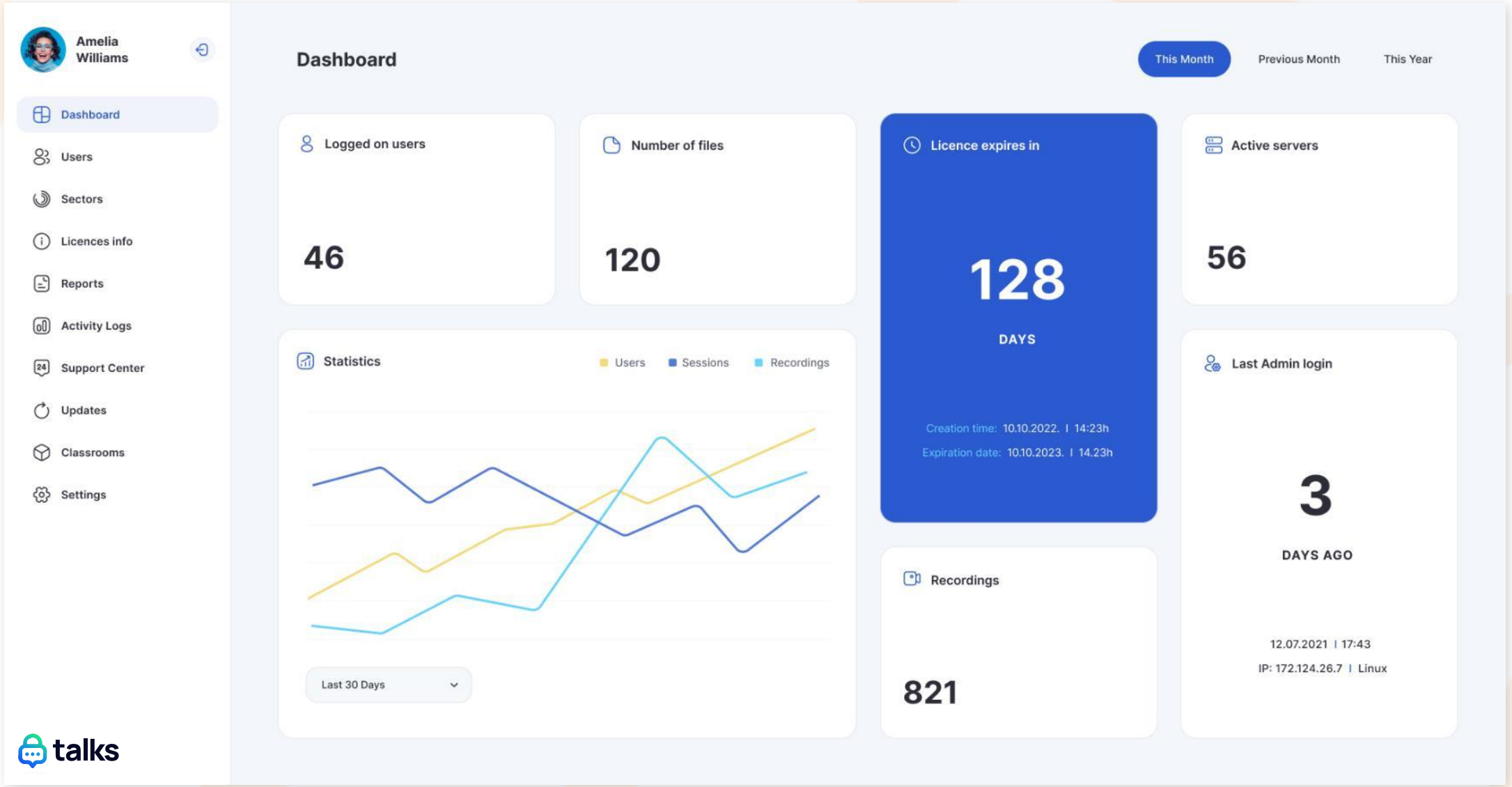
Contacts



List of contacts, connecting with others via token.

Admin panel desktop / Users



Admin panel desktop / dashboard