



Secure Self-Hosted Enterprise Messenger

Your Own Private Teams. Your Own Secure WhatsApp. All-in-One.

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Why Now?

Shadow IT Is Out of Control:

- In regulated sectors, staff default to consumer messengers like WhatsApp or Telegram for speed and ease — creating unmonitored communication channels, compliance gaps, and data leakage risks.

Growing Skepticism Toward Public Cloud:

- A 2024 Barclays survey shows **83% of enterprises plan to shift workloads off the public cloud**, with **94% of IT leaders already executing repatriation** due to rising costs, sovereignty concerns, and compliance demands.

Regulatory & Geopolitical Pressures:

- In the UK, **95% of IT leaders worry about data control**, with over half reducing dependence on U.S. cloud providers due to political and legal changes.

Market Concentration & Systemic Risks:

- AWS, Microsoft, and Google control **~65% of global cloud infrastructure**, creating single points of failure and geopolitical vulnerabilities.

Global Shift to Sovereign & Hybrid Cloud:

- Governments are accelerating national cloud projects to keep data, control, and trust within their jurisdiction.

About Us



More than 10 years of
development



We cooperate with 13
companies from the TOP-20

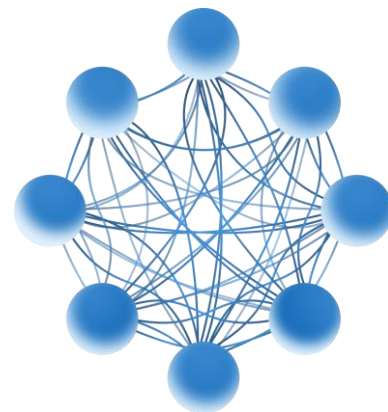


Our platform is Included in the Domestic
Software Register

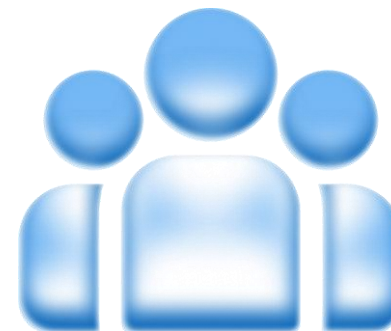
Registry entry No. 5745 dated September 20,
2019



Unique communication protocol —
Federation



Over 2M users in the eXpress
Federation



Trust Level 4

FSTEC certificate No. 4232 dated March 30, 2020

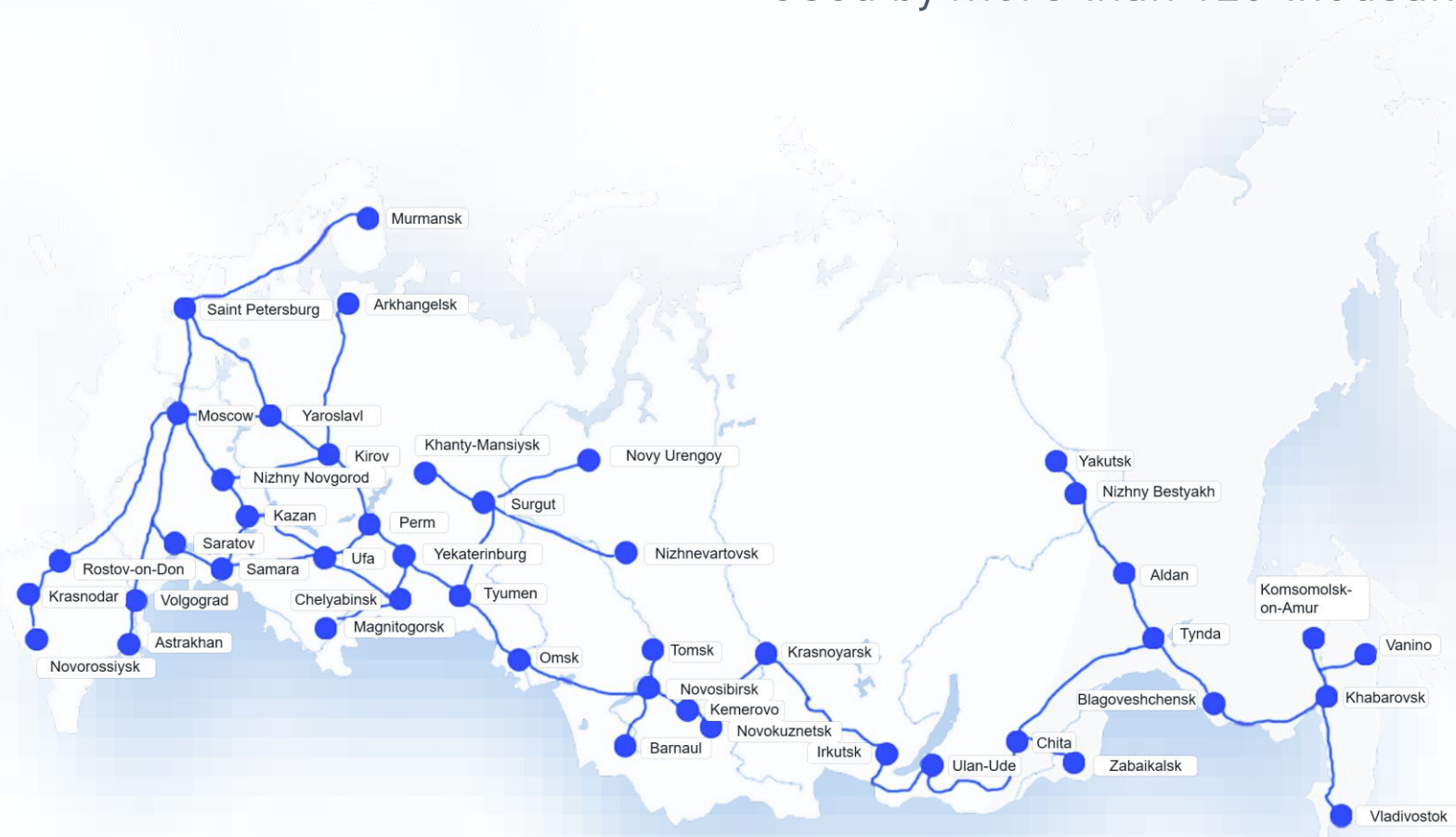


Product of Choice Among the Largest Companies in the Country



Russian Railways

- 16 railways, each with its own Computer Center
- Moscow, administrative apparatus and the Main Computer Center
- Numerous subsidiaries
- 700 thousand employees
- Used by more than 120 thousand users



Rosatom

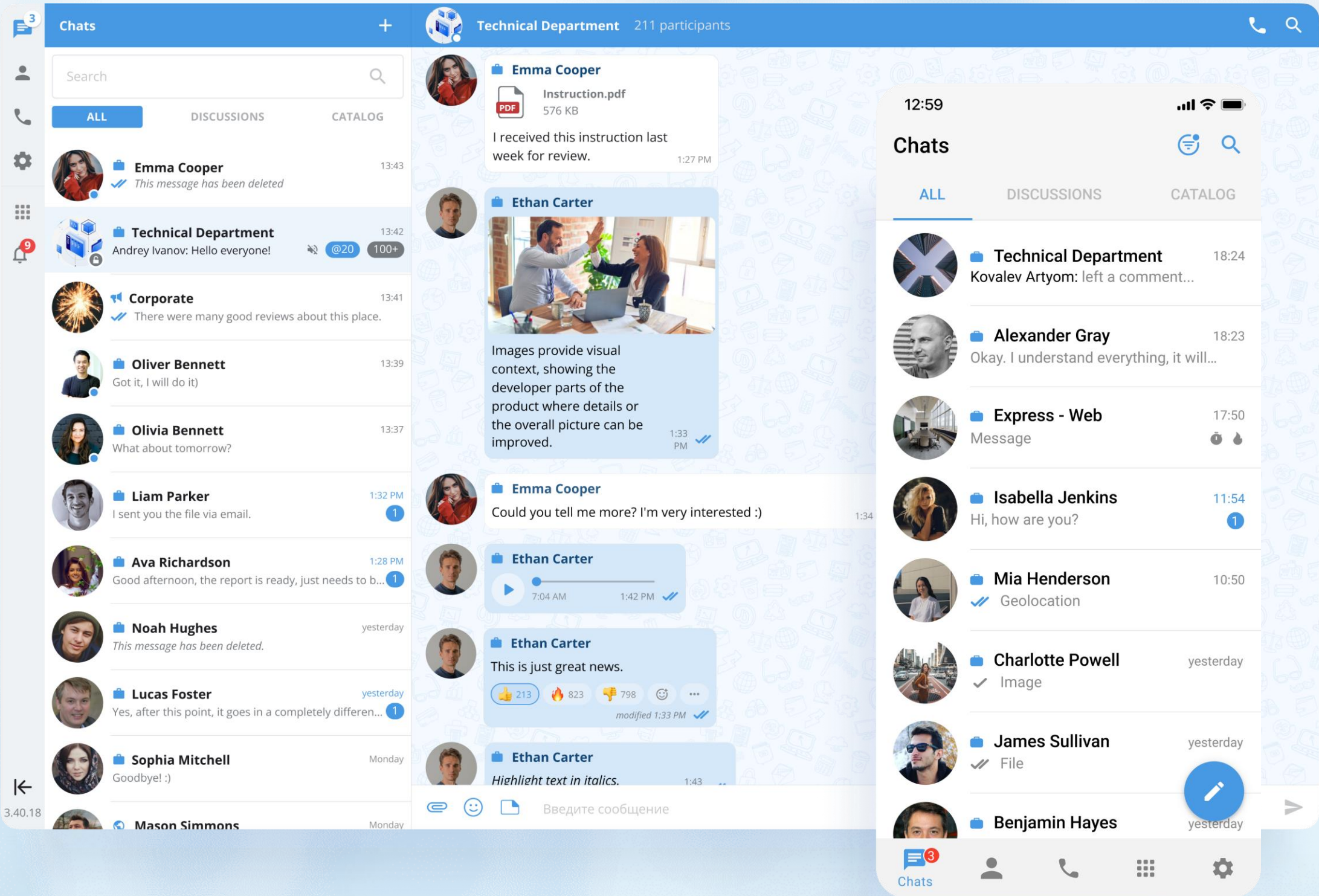
- 12 divisions with completely different types of activity
- Distributed computing: Grinatom and divisions
- Subsidiaries and joint ventures
- 300 thousand employees
- Used by more than 100 thousand users



Platform Features



The eXpress Corporate Communications and Mobility Platform combines a secure corporate messenger, video conferencing, e-mail client, and corporate mini-SmartApps store.



Corporate Messenger

Personal and group chats, document exchange



Audio Calls

One-to-one and group audio calls



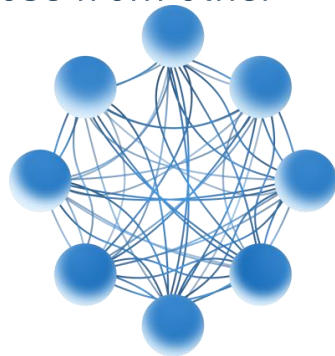
Videoconferencing

Videoconferencing for 250+ participants, call recording, raise hand, custom backgrounds

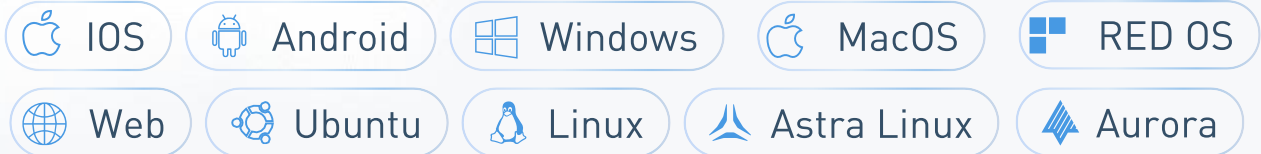


Federation

eXpress communication protocol for communicating with colleagues and partners (including those from other companies)



Available for:



Federation



Federation is a unique communication protocol in eXpress that allows employees to communicate with colleagues registered on trusted corporate servers (including those from other companies) and to interact securely with public users of the messenger.



**Trusted communication loop within
and outside the company**

Independence

Secure On-Premises servers within the company's perimeter

Guest Loop

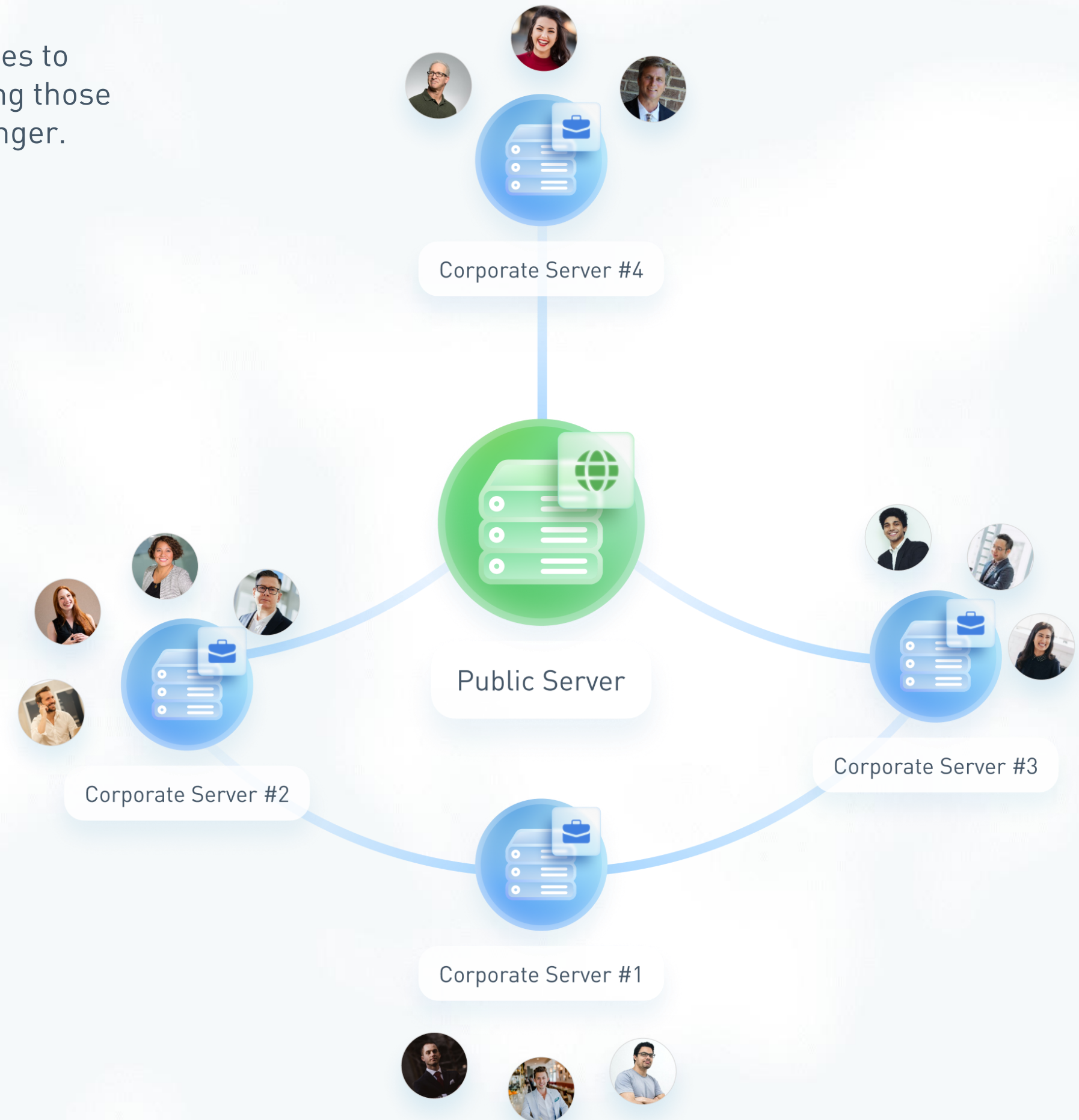
Temporary accounts for external project team members

Communication Efficiency

Possibility to create a working group within the company and with external eXpress users

Security

Complete control of data flows and enhanced encryption for external communications



Videoconferencing / Main Features



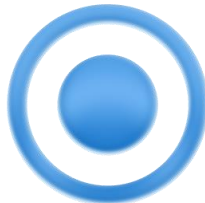
250+ presentations

Raise Hand

Reactions during presentation



Call Recording



Screen Sharing

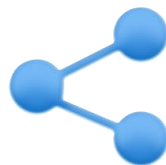


Background Blur, Custom BG



Planning

Automatic sending of a link to the video conference (in the app, by e-mail) and adding it to the participants' calendar



Links for Guest Users

Virtual Meeting Rooms



Notifications via Chatbot



Online Chat

Chat with reactions during participants



Organization of Video Conferences with Password Access



Messenger

User Search

Within the corporate system (by name or position) or by corporate directory

Contacts

Q

All Contacts

AllCorporateExternal

Files and Documents

Sending by moving a document shortcut to the WEB window, forwarding from other users, saving files

PDF

Voice Messages

Messages can be listened to through the phone's speaker

0:0818:46

Emoji, Stickers and Reactions

125,5K

765

12:59

Chats

ALLDISCUSSIONSCATALOG

Technical Department

Kovalev Artyom: left a comment...

18:24

Alexander Gray

Okay. I understand everything, it will...

18:23

Express - Web

Message

17:50

Isabella Jenkins

Hi, how are you?

11:54

Personal and Group Chats, Channels, Bots

Technical Department

18:24

Shestakov Daniyar: Hello everyone, how many...

Akimov Yuri

17:55

Hi, how are you?

Instructions and Manuals

13:23

What happens to sessions when changing or...

Document Bot

yesterday

Image

Polls and Voting

When was the first release?

You selected the wrong answer.

July 21

18

July 23

10 (33%)

28 votes • Quiz

VIEW RESULTS

12:30

Text Formatting

Bold

Ctrl + B

Italic

Ctrl + I

~~Strikethrough~~

Ctrl+Shift+S

`Code`

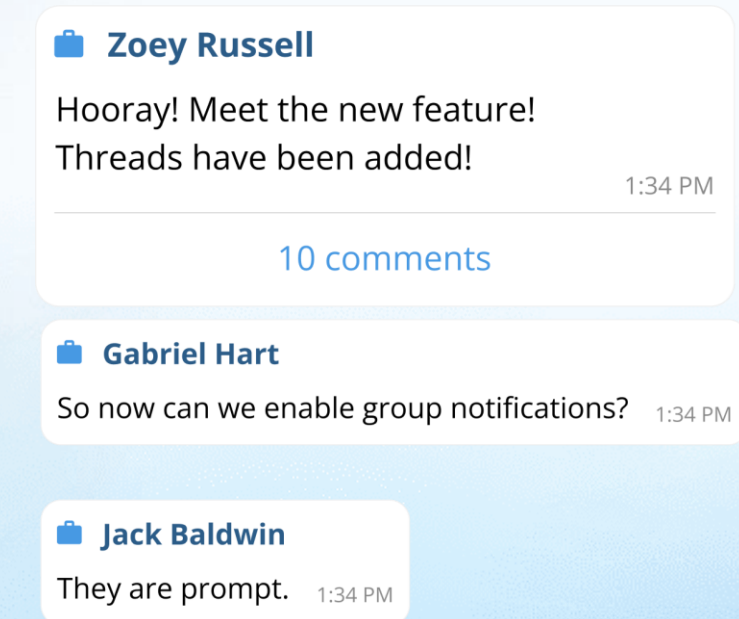
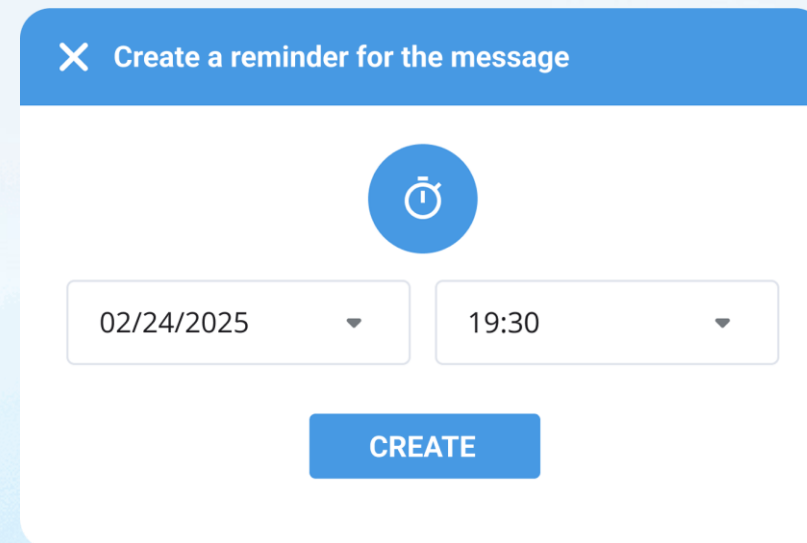
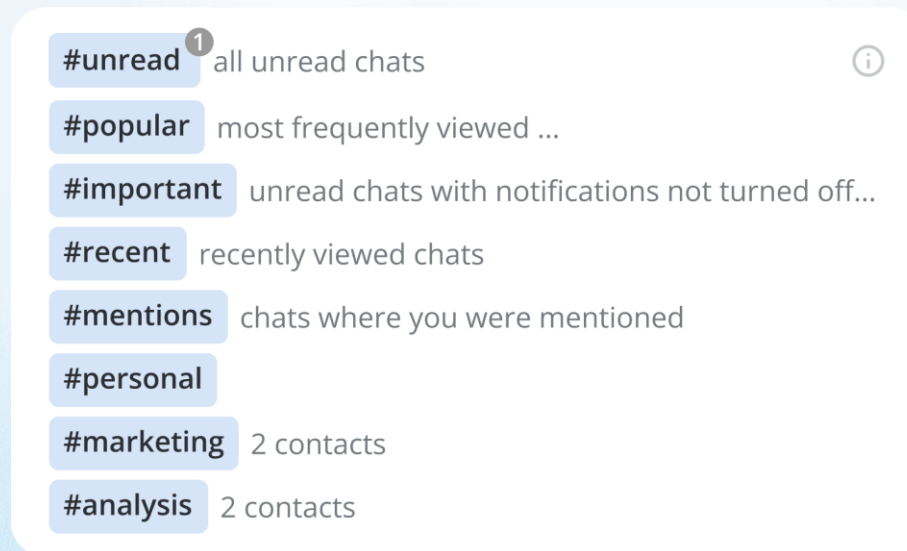
Plain text

Ctrl+Shift+N

Add link

Ctrl+K

Messenger / Features



Tags

- Creating tags for your tasks, notes, chats, and contacts
- Setting up individual tags in the desired order
- Quick search for the required context by tags
- Customizing notifications

Reminders

- Creating notifications (reminders) for important messages
- Setting reminders to read a message within a certain period of time
- Setting up reminders in discussions

Threads

- Creating a separate discussion thread under a message
- Saving the discussion context
- Simplifying tracking of information
- Clearing channels from unnecessary notifications

Integrations



Integration with SIP
telephony

SIP

Integration with mail
servers Communicate,
Yandex, Gmail, Exchange
(via the E-mail SmartApp)



Integration with MS
Outlook mail client
(plugin)



Chatbots

The eXpress platform provides the possibility to create chatbots using the BotX microservice or use ready-made solutions from the bot catalog.

Chatbot Features

Sending text messages,
files



Sending messages with
buttons



Receiving system events
(chat creation, user login, etc.)



Toggling Enhanced
Privacy Mode



Assigning Chat
Administrators



Creating a chat with a
user(useful for corporate
chatbots)




Approvals, resolutions,
etc.



19:41



 **Meeting bot**
online

The meeting has been successfully created!
Invitations have been sent to the meeting
participants.

Subject: Status Meeting

Participants:

- Alexander Ivanov (aivanov@express.ms)
- Boris Sergeev (bsergeev@express.ms)
- Lydia Petrova (lpetrova@express.ms)
- Oleg Romanov (oromanov@express.ms)

Location: Conference Room 9

Time: 01/25/2025 5:00 PM - 6:00 PM (MSK)

Type: with VKS

Files: Meeting Agenda.docx

Comment: Please prepare reports.

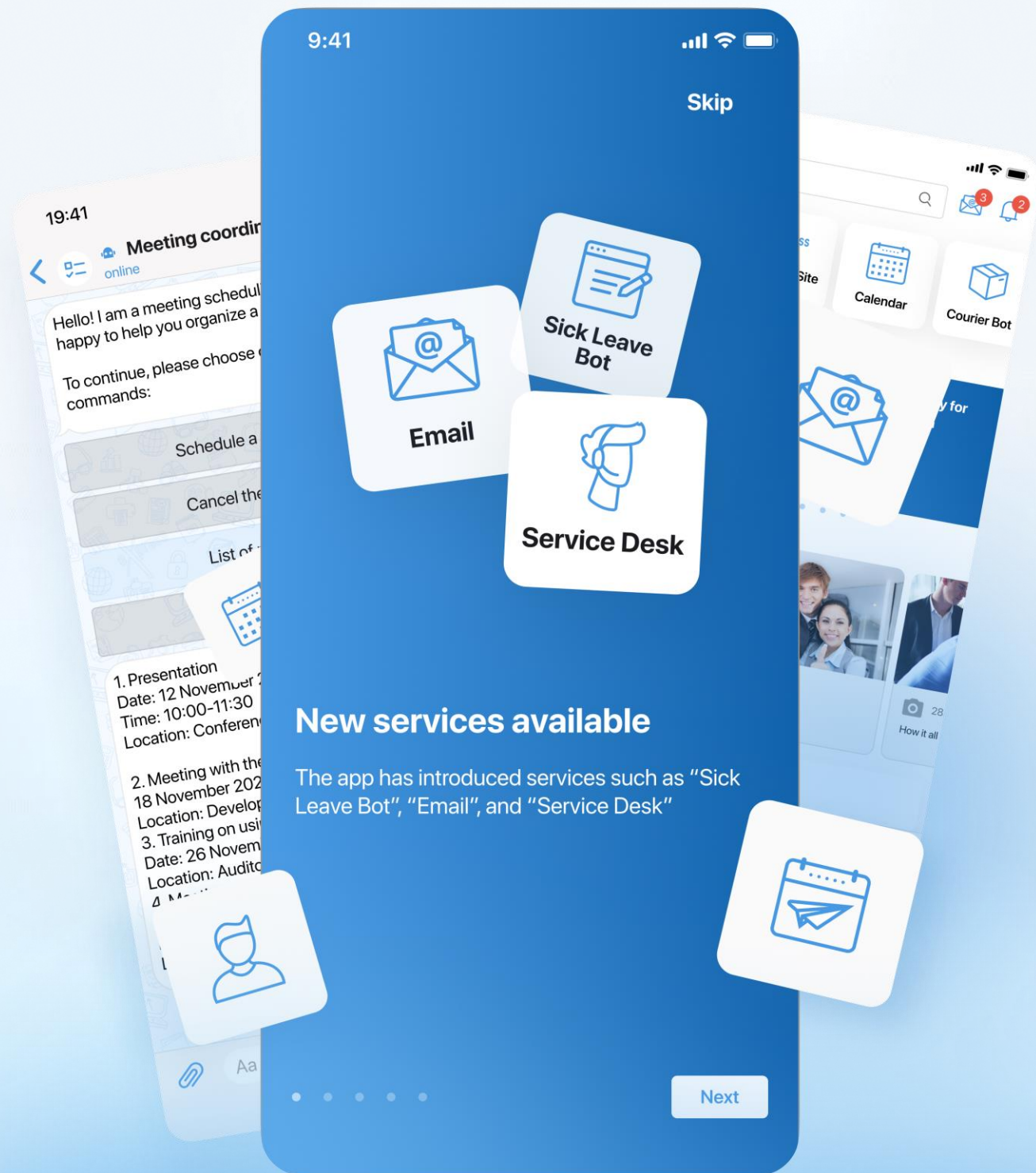
10:04

New meeting

Meeting list

List of your meetings for today:

SmartApps / Full-fledged Graphical Apps



Proprietary eXpress SmartApps technology — applications that are uniform across all platforms (iOS, Android, Web, Desktop).

SmartApps help solve work tasks within one ecosystem and are an alternative to developing dozens of apps for each individual task.

Benefits of SmartApps:

A New Level of Corporate Mobility

All necessary corporate services are available at any time and on any device — in a single app window format

No Need to Switch Between Apps

SSO (Single Sign-On) eliminates the need for additional authorization

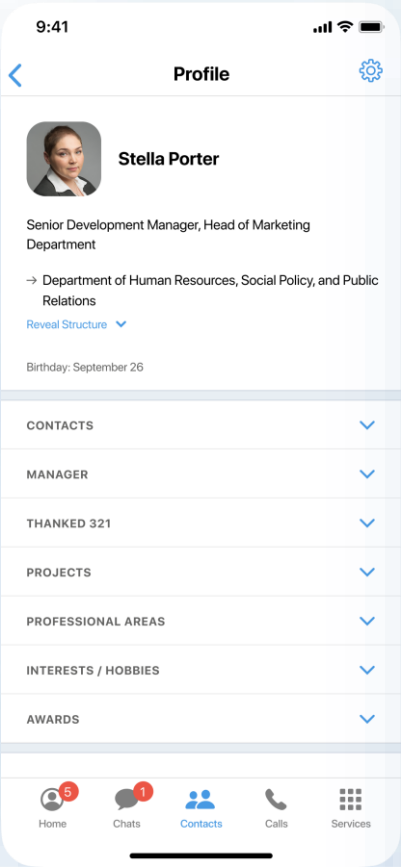
Integration with 70+ systems

Including the most popular solutions: e-mail clients, document management systems, 1C, CRM, antivirus software, etc.

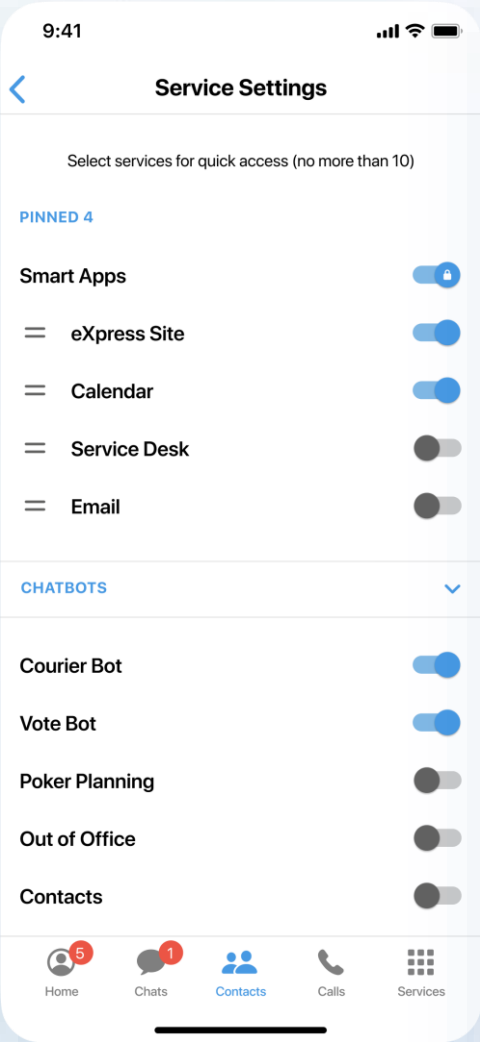
Faster and Cheaper

Allows you to abandon the labor-intensive and costly development of mobile apps

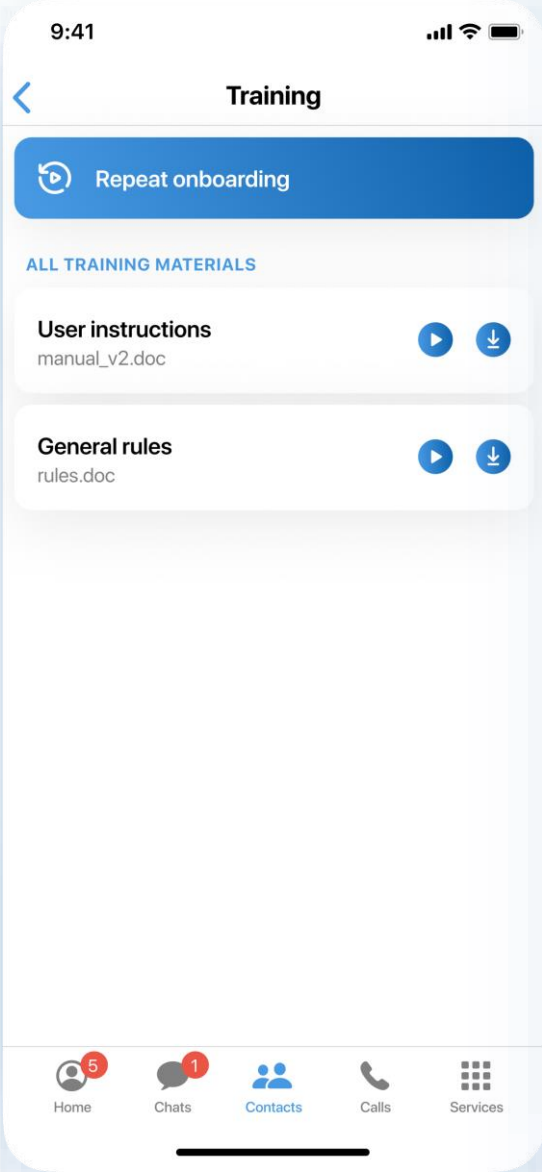
SmartApps / Interface



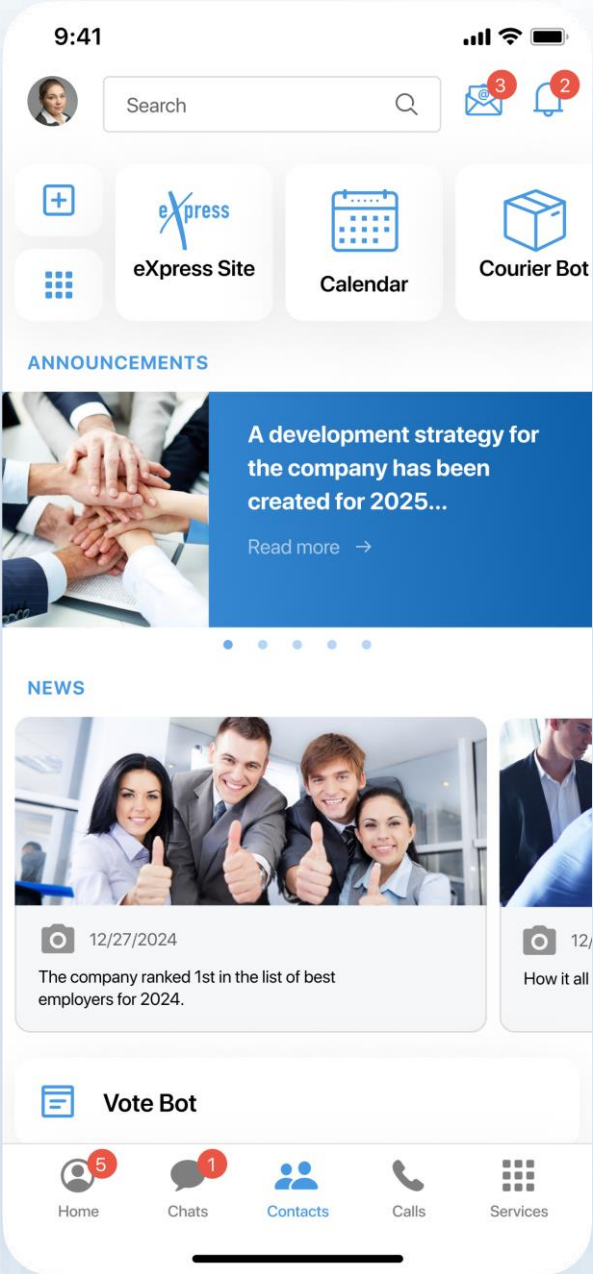
Profile



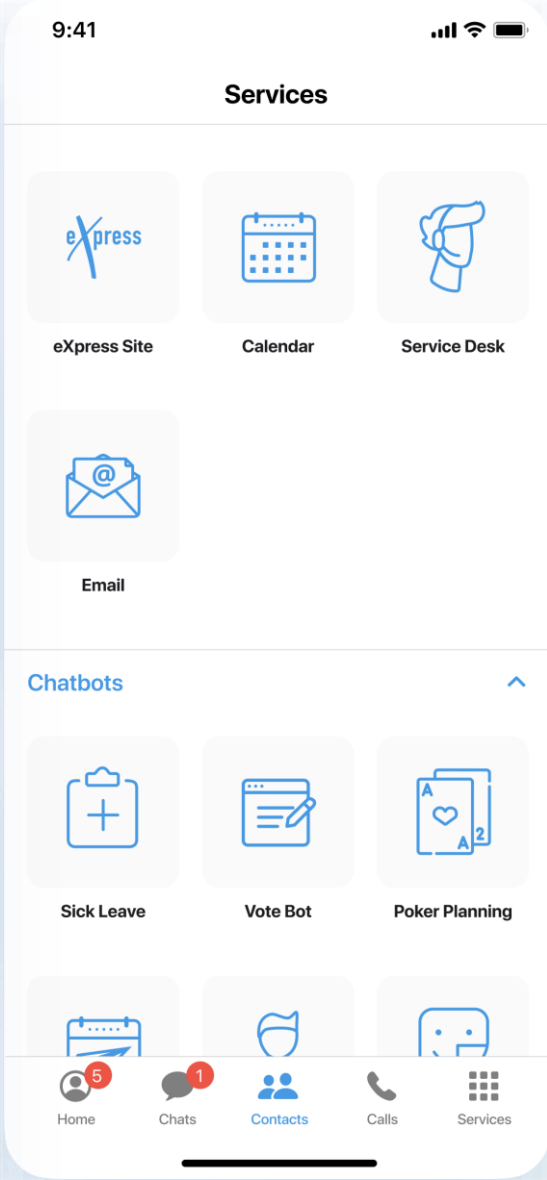
Settings



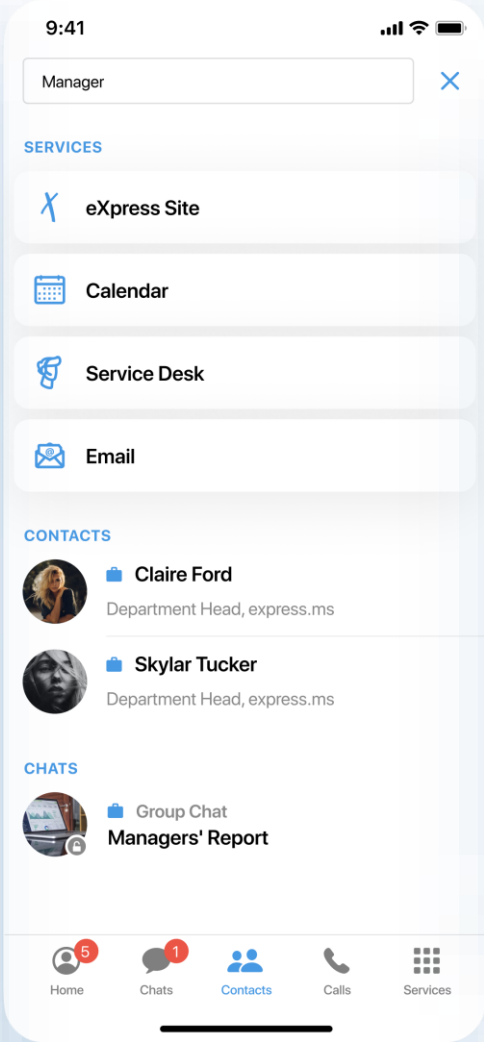
Training



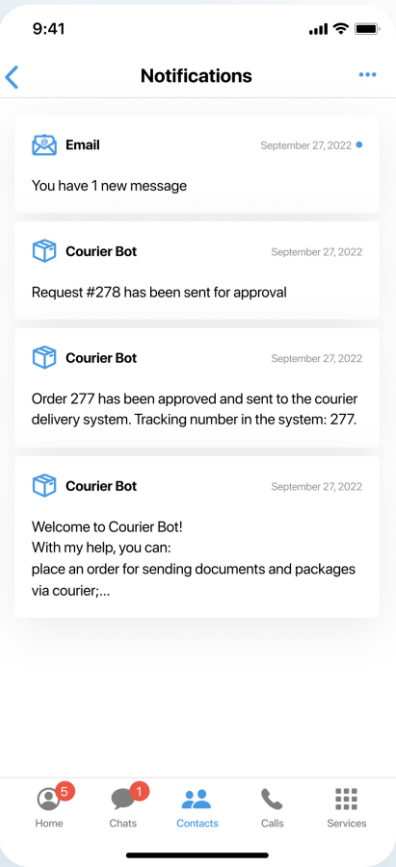
Home



Services



Search



Notifications



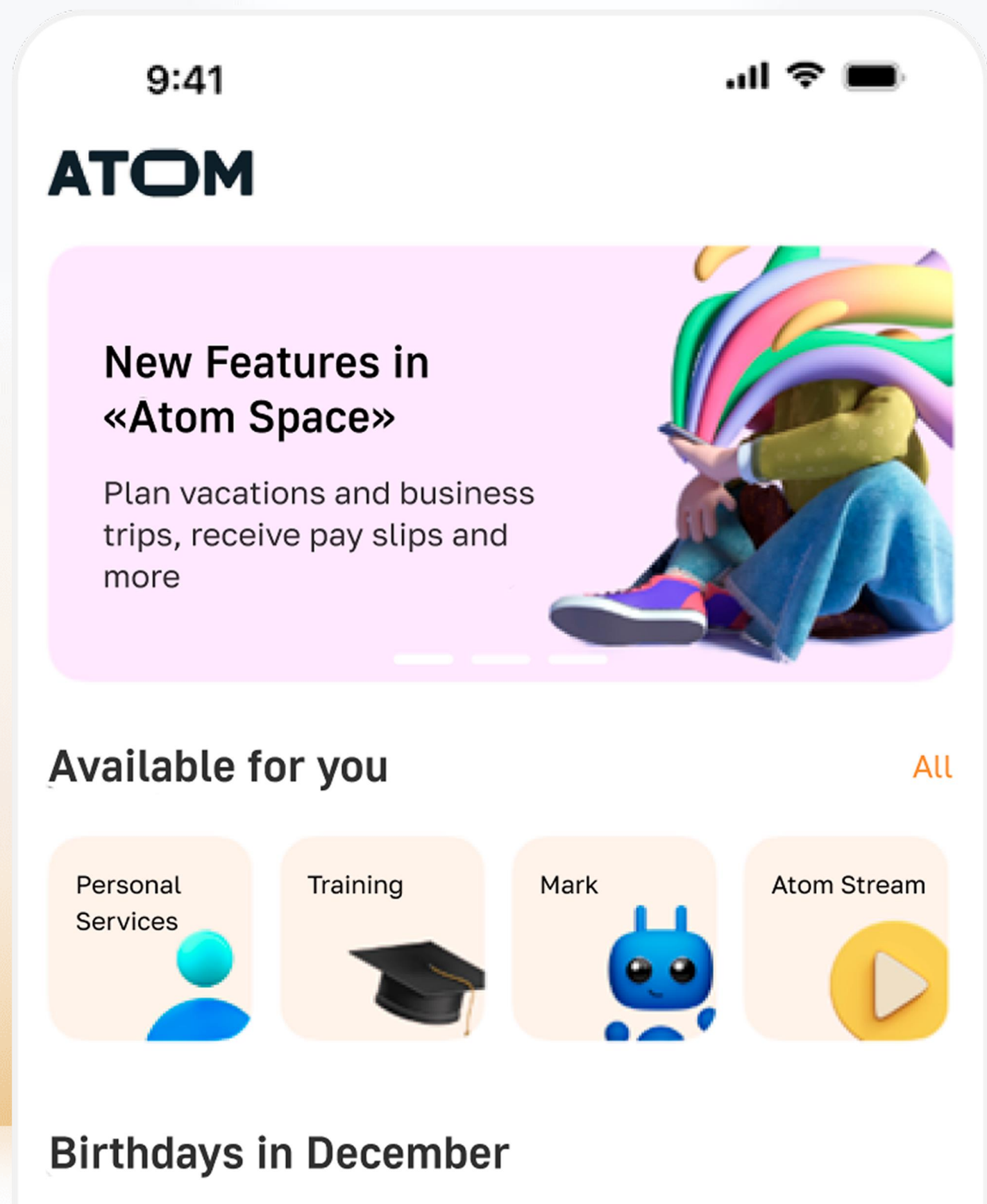
SmartApp	Functionality example
Employee Personal Account	<ul style="list-style-type: none">• Pay slip• 2-NDFL and other certificates• Vacations, business trips• Onboarding and adaptation• Training
Corporate Portal	<ul style="list-style-type: none">• A personal dashboard for an employee dedicated to the internal life of the company: news, announcements, surveys, information about colleagues and customizable access to corporate services (document flow, technical support, etc.)
Support	<ul style="list-style-type: none">• Monitoring, notifications• Service Desk
Office	<ul style="list-style-type: none">• Issuing an access card• Booking a workplace• Transport and miscellaneous
Document Flow	<ul style="list-style-type: none">• Fully mobile EDMS• Electronic signature (upon request)
Other	<ul style="list-style-type: none">• ERP, CRM, warehouse management systems, apps for men-of-foot and everything that makes sense to make it mobile

SmartApps / Compared to MDM/EMM Platforms

X

SmartApp	MDM/EMM	eXpress
Apps development	Separate mobile apps are being developed for iOS and Android	A single interface is being created, which is the same for iOS and Android users
Apps update	Updating server-side software update Updating mobile apps	Server-side update only
Distribution of apps and updates	The time it takes for each user to download and install the app	Instant
Authorization and authentication	Separate authorization in each app. Support for special certificates is required (complicates development)	Single Sign-On via eXpress
Different features of the app are available to different users	It is necessary to publish different apps for different user groups	Possibility to manage user rights within one bot/app
External user access	Impossible due to system architecture	The feature is available and managed by the administrator

Branded App



Creating a branded app powered by eXpress for App Store/Google Play/RuStore/Huawei AppGallery on your own root server.

Advantages:

Own branded apps in stores

For the company: prestige and increased brand recognition, increased employee loyalty

For users: increased engagement, feeling of belonging to the brand

Possibility of publishing bots/SmartApps not only on corporate servers, but also on the central node (significantly easier and cheaper to administer)

Full control over user registration

Potential opportunity to develop your own specific application functionality, different from that of the “mainstream” eXpress application

100% independence from the operation of eXpress root servers



Reference Project

Rosatom, implementation for 100 thousand users

Mobile Security



User Authentication

3FA via three completely independent channels:

- Corporate account in Active Directory (end-to-end authentication via the NTLMv2 protocol) or entering one-time password from corporate e-mail
- One-time password from SMS (linked to phone number)
- Personal user password (not available to system administrators)



Absolute Security of Data Transmission

- TLS
- End-to-end encryption
- Secure push notifications, without transmitting content in them
- GOST encryption available upon request



Crypto Container

- Encrypted storage of all data on a mobile device (container)
- Deleting all data on the MU by command from the server (or one session, if the phone was lost, or all sessions, if the employee was fired)
- Opening files inside the eXpress app container, prohibiting file transmission and file saving “from the outside”
- Control of system functions (screenshot, screen recording, clipboard)

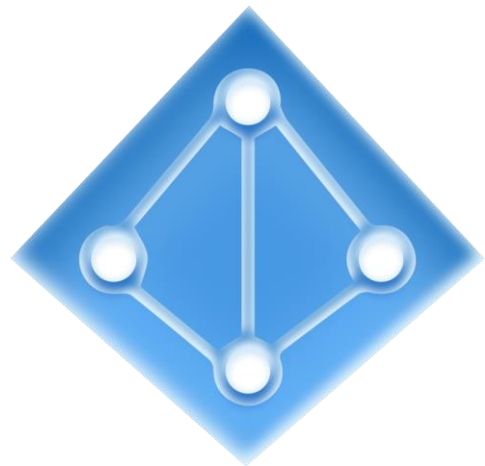
Corporate Security

Integration with 70+ platforms and systems



Integration with Active Directory

Provides secure synchronization of corporate user directories



Integration with DLP Systems

Enables the detection and prevention of unauthorized use, transfer and storage of confidential data



Integration with Antivirus Software

Allows you to protect your corporate environment from malware



Integration with SIEM Systems

Allows you to track events and respond to security incidents in a timely manner



Why Choose eXpress



The Problem



Existing tools (Teams, Slack) feel slow and disconnected outside the office



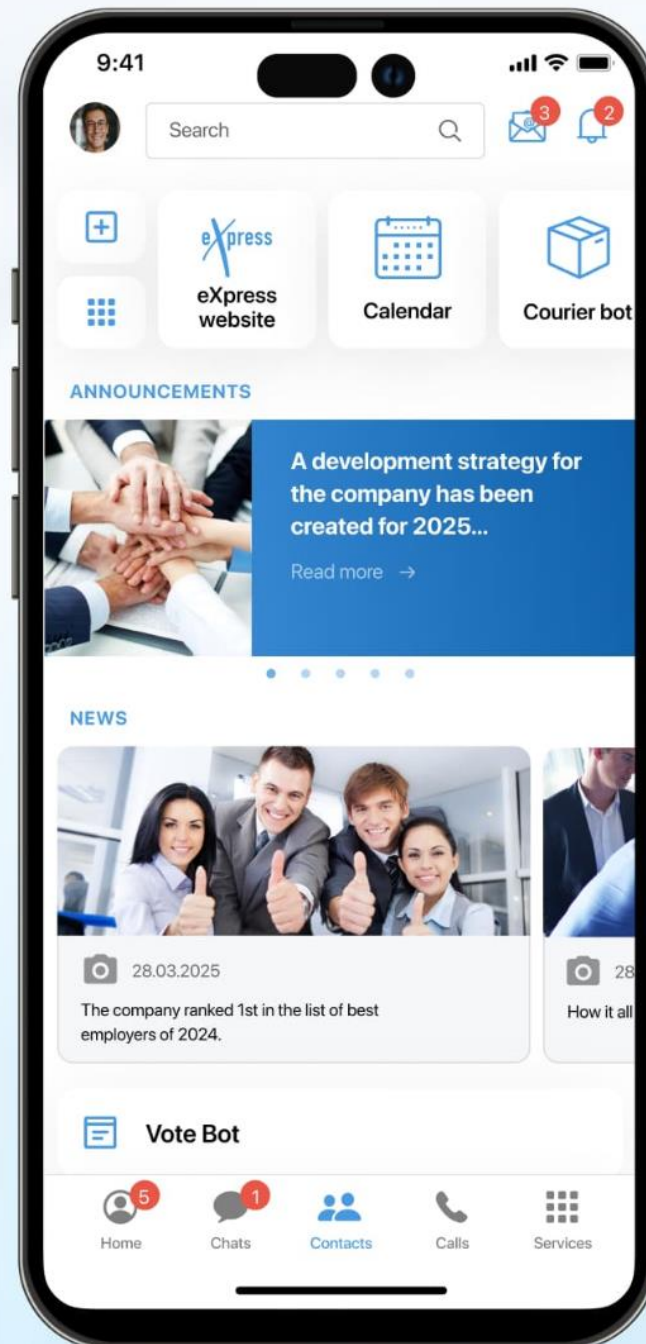
Staff default to WhatsApp/Telegram for convenience — risking sensitive data



Foreign cloud dependencies undermine digital sovereignty



Mobile-first environments demand fast, secure, real-time collaboration



The eXpress Advantage



Messenger:

Secure chat, audio, and video calls



Video conference:

Enterprise-grade meetings with full control



Chatbots:

Automate workflows and integrate with core systems



SmartApps:

Integrated email, calendar, and business process apps in one interface



Federation mode:

Connect multiple organizations without losing autonomy

Why We Win

Absolute Security, Zero Compromise:

sovereign deployment with full auditability and no data leaving your control



User Experience:

As simple as WhatsApp, as powerful as Teams



Eliminate Shadow IT:

Easy, secure mobile UX replaces consumer messengers



Freedom of Deployment:

On-prem, private cloud, or sovereign cloud — your choice





Learn more about the product

MS.EXPRESS

connect@ms.express

