



Think Big  
Start Small  
Scale Up

## KEY FEATURES

- Private: no need for phone numbers, more anonymity compared to Whatsapp, Signal.
- Secure: End to end encryption for desktop, tablet and mobile
- Flexible: No limit on the number of sessions: multi-device capabilities
- Privacy: No data leakage to external parties
- Full featured instant communication capabilities with text, photos, location, voice messages, polls, threads, ...
- Easy: No installation required on PC



# NI²CE Messenger

NATO Interoperable Instant Communication Environment Messenger

The NATO Interoperable Instant Communication Environment (NI²CE) Messenger is a proof of concept project with the following objectives:

- Use post quantum proof encryption schemes
- Demonstrate the usability of the Matrix protocol and the compatible end-user applications for the NATO Enterprise and NATO missions and capture additional user requirements
- Analyze and certify the use of bridges to connect Matrix to the NS environment and JChat

### ALLIED COMMAND TRANSFORMATION

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### NATO Innovation Podcast





Secure messaging

Based on the Matrix messaging protocol

Interoperability

## Usage

- With self-hosting of your Matrix server you control the data and there are no leaks to third parties (metadata or content).
- You can operate a closed off server or federate (communicate) with other servers
- Instant messages and VoIP (including video) to individuals, groups and spaces
- Exchanging location, voice messages, pictures, files
- You can choose from several end user applications, no vendor lock-in for both Android & iOS.

## Security

- No need for phone numbers, more anonymity than other tools such as Whatsapp and Signal
- All clients are created equal for the end to end encryption: built from the beginning to provide the same security and features on a web browser, desktop application or mobile application
- Access permissions can be easily defined for groups and spaces
- Auto removal of messages after a delay is possible



NI²CE Messenger project is a joint project between the ACT Innovation Hub and NCIA. The server and Element page live in the InnovationHub secure infrastructure that is used for developing and testing MVP's for the Alliance.

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If you want to ask questions, contact us at [#help:matrix.ilab.zone](#)  
All feedback is welcome at [#feedback:matrix.ilab.zone](#)