# ANONYMOUS COMMUNICATION FOR EVERYONE

Advanced mixnet protocols for secure, private, and anonymous online communication.

**About**
What is EchoMix and why is it needed

**Downloads**
Download links and instructions on building the app from source code

**Documentation**
Detailed guides, documentation of the mixnet design, and more

# THE WORLD'S FIRST POST-QUANTUM MIXNET

Katzenpost is a free and open-source software project advancing anonymous communication through innovative mixnet protocols.

As the world's first post-quantum mixnet, Katzenpost integrates cutting-edge cryptography to ensure future-proof privacy. Our rigorous security design includes the first-ever comprehensive threat model for a mixnet, setting a new standard for secure, resilient online communication.

## Current privacy tools offer inadequate anonimity

We are dealing with very powerful surveillance adversaries, and existing

# ECHOMIX POLITICS AND VALUES

Surveillance is an instrument of power. It is part of an apparatus of control. Power need not be in-your-face to be effective: subtle, psychological, nearly invisible methods can actually be more effective.

While surveillance is nothing new, technological changes have given governments and corporations an unprecedented capacity to monitor everyone's communication and movement. Surveilling everyone has become cheaper than figuring out whom to surveil, and the marginal cost is now tiny. The Internet, once seen by many as a tool for emancipation, is being transformed into the most dangerous facilitator for totalitarianism ever seen. Governmental surveillance is strongly linked to cyberwar. Security vulnerabilities that enable one enable the other. And, at least in the USA, the same individuals and agencies handle both jobs. Surveillance is also strongly linked to conventional warfare. As Gen. Michael Hayden has explained, "we kill people based on metadata," surveillance and assassination by drones are

# PRESENTATIONS

Explore talks and slides showcasing Katzenpost's innovative work on anonymous communication and mix network designs.

## 📹 Live recorded videos

| Date | Speaker(s) | Title |
| --- | --- | --- |
| 2024 / 01 | Dr. Eva Infeld and Leif Ryge | 37C3 \| Project status session at Chaos Communication Congress ⇥ |
| 2018 / 08 | David Stainton | BornHack 2018 \| Modern Mix Network Design ⇥ |
| 2017 / 12 | Jeff Burdges and David Stainton | 34C3 \| Practical Mix Network Design ⇥ |
| 2017 / 11 | David Stainton | Anonymizing Cryptocurrencies from Network Observers with Mix Networks ⇥ |
| 2017 / 07 | David Stainton | Shows How Mix Networks Improve Privacy ⇥ |