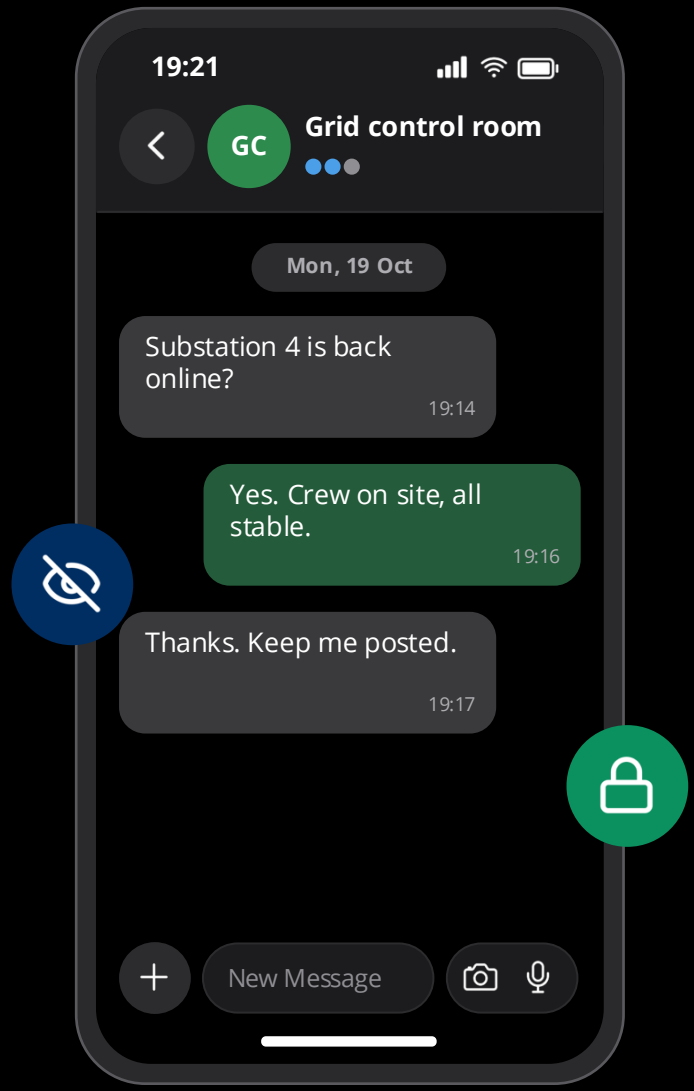
THREEMA



THREEMA ON SCION

THE FIRST MESSAGING APP TO RUN ON SCION

UNREADABLE MESSAGES, INVISIBLE SERVERS

Danilo Bargen, CTO Threema · SCION Day 2026, ETH Zurich

CRITICAL WORK RELIES ON SECURE MESSAGING

Why now: when systems fail, control rooms, crisis teams and field crews coordinate by message.

CRISES

When systems fail, teams still need to talk. Often by message, often from a phone.

ATTACKS

24 H

SWITZERLAND

+210%

Reported incidents, 2020–2025



EUROPE

+20%

Attacks per organisation, 2025



Since April 2025, critical infrastructure must report attacks within 24 hours: 222 reports in 2025.

SOVEREIGNTY

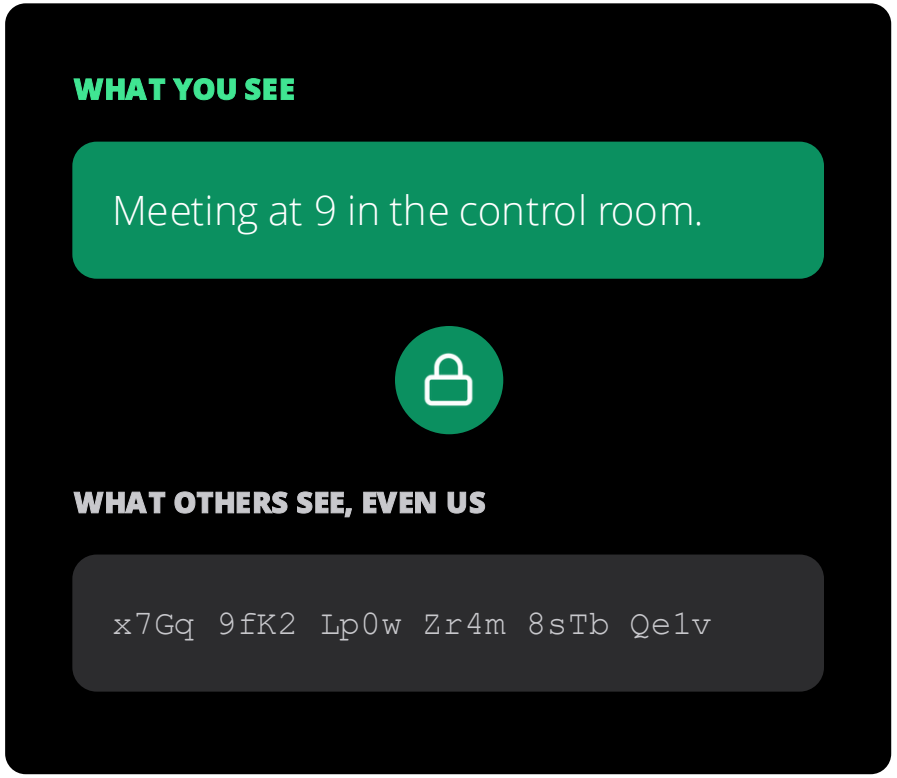
Organisations want to decide where their data lives and which networks it crosses.

Sources: BACS (Swiss Federal Office for Cyber Security), reports 2020 and 2025, and mandatory reports 2025; Check Point Cyber Security Report 2026.

Why it matters: secure messaging has become part of business continuity.

WE PROTECT THE CONTENT

Our approach: Threema's job is the content, and we keep as little else as possible.



END-TO-END ENCRYPTED

Only sender and recipient hold the keys.

ALMOST NO METADATA

No phone number needed. Messages leave our servers once delivered.

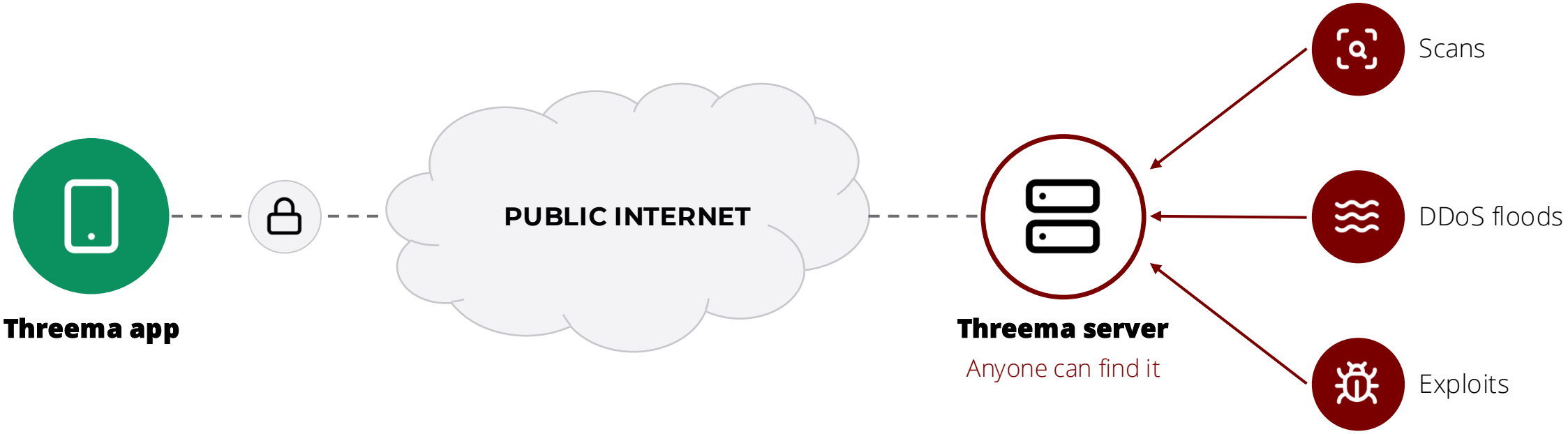
SWISS

Built in Switzerland. Hosted by us in Switzerland, or on your own premises.

In short: nobody can read the messages, not even us.

SAFE MESSAGES, EXPOSED SERVERS

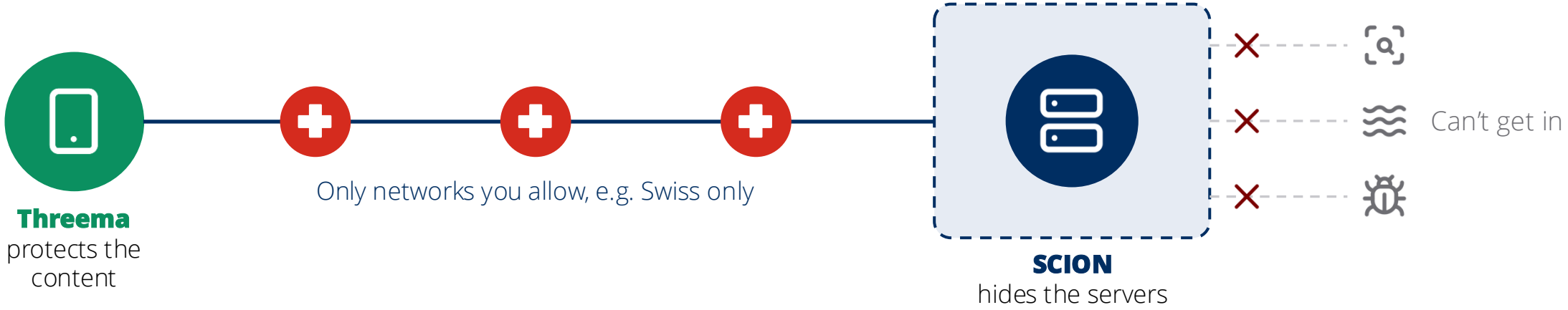
The gap we can't close alone: our servers sit on the public internet, like every other app's.



Encryption protects what's inside a message. It can't hide where our servers are.

SCION HIDES THE SERVERS

What SCION adds: no public entry point, and paths you choose.



15M vs **174**

intrusion attempts, public internet vs SCION

InfoGuard honeypot test, Oct 2025–Jan 2026

INVISIBLE SERVERS

Unreachable from the public internet. Cloud or on-prem.

NOTHING NEW FOR USERS

Same Threema app. SCION works underneath.

WHERE IT MATTERS FIRST

Where we see it: sectors that need communication over Swiss-only paths and servers they control.

ENERGY & UTILITIES

Control rooms and field crews coordinate over Swiss-only paths.

EXISTING REFERENCE CUSTOMERS

- Axpo
- RWE

SSUN mandatory by 2030

PUBLIC SECTOR

Crisis teams stay in contact, with servers run on-prem in Switzerland.

EXISTING REFERENCE CUSTOMERS

- Swiss Confederation

Swiss-only, on-prem

HEALTHCARE

HIN Talk, Swiss healthcare messaging, runs on Threema.

EXISTING REFERENCE CUSTOMERS

- HIN

HIN already on SCION

Common thread: communication that has to keep working in a crisis.

THREEMA

JOIN US

INTERESTED?

We're selecting a small group of organisations to explore Threema on SCION with both teams.

BUSINESS INQUIRIES

Scan to get in touch with our team.

threema.com/en/business-inquiries

VISIT OUR BOOTH

Ground floor, ETH main building

WE TALK ABOUT YOUR CONTEXT AND USE CASE

Where would hidden servers help you?

REGISTER INTEREST

Join the waitlist.