

# CallChat ZERO Manual

CallChat ZERO is a Matrix-compatible sovereign messenger for callchat.org.

The public front door is callchat.org. The Matrix homeserver API is matrix.callchat.org.

Users can start with Element today while the CallChat Android app path, Shield, and Zero Bot are built carefully.

Standard Matrix-compatible secure messaging remains free.

This PDF contains safe public guidance only. It does not include secrets, server credentials, private ZMath implementation details, or production deployment data.

# Connect With Element

Install Element from official app stores, desktop downloads, or the official Element website.

During sign-in or registration, choose a custom homeserver.

Try `callchat.org` first. If the client does not discover the server, use `matrix.callchat.org` as the fallback homeserver.

Registration should stay invite-only during MVP testing until backups, moderation, abuse routing, and legal pages are reviewed.

CallChat does not own Element branding. Element compatibility is a bridge for users while CallChat's own app path develops.

# CallChat Shield And ZMath

CallChat Shield is the optional premium ZMath layer for protected files, attachments, and vault notes.

The planned .zme1 container is encrypted locally before upload, so plaintext is not uploaded by default.

Portable mode is intended for offline opening by users who have the required password and pattern image.

Exclusive mode may require a live policy check for entitlement, expiry, or revocation.

Element users can download .zme1 files, but premium Shield decryption requires compatible CallChat tooling.

CallChat should not claim fake quantum encryption. The serious language is PQC-ready roadmap and optional post-quantum envelope experiments after review.

# Zero Bot AI Assistant

Zero Bot is planned as @zero:callchat.org.

The bot should be optional, consent-based, and no-memory by default.

It should not read encrypted rooms unless users explicitly enable or bridge content.

Planned commands include !zero help, !zero summary, !zero decisions, !zero tasks, !zero explain-shield, !zero server-status, and !zero forget-room.

Every AI-generated summary should be labelled and should show the active backend where practical.

Possible future backends include local OpenZero, a self-hosted endpoint, ZeroThink API, and optional external research APIs only after approval.

# Pricing And Licensing

Standard Matrix-compatible secure messaging remains free.

Planned normal user ZMath / Shield pricing is USD \$5 per month.

Planned business pricing is USD \$55 per month for up to 10 users.

Planned self-hosted ZMath license pricing is USD \$55 per month for unlimited users on one approved deployment.

Owner payment route for licensing is [paypal@talktoai.org](mailto:paypal@talktoai.org).

Payment automation is not implemented in the MVP docs. Early activation should be manual and private.

# Admin Launch Safety

Do not deploy without owner approval, backups, and rollback.

Synapse server\_name must be callchat.org and should not change after launch.

Public base URL should be <https://matrix.callchat.org/>.

Registration should remain closed by default.

Postgres must not be exposed publicly.

Before real users, review moderation, federation, data retention, incident response, abuse routing, and support paths.

# Self-Hosted Direction

CallChat-compatible self-hosted deployments can use Matrix-compatible infrastructure.

The self-hosted ZMath license is planned separately so private implementation code remains protected.

Self-hosted admins should protect credentials, keep servers patched, maintain backups, and avoid false marketing claims.

Private ZMath source should not be republished, copied into public browser JavaScript, or mixed with AGPL code without approval.

# Privacy And Support

Support should never ask for passwords, pattern images, private keys, Matrix recovery phrases, or private Shield internals.

Zero Bot should not train silently on user rooms and should not store private room history by default.

Shield users should understand recovery limits: if password or pattern image is lost, admins may not be able to recover the file.

Abuse reporting should collect only the needed details: Matrix ID, room ID, message links, timestamps, and a short explanation.

Urgent threats should be handled through appropriate emergency or legal channels.

# Quick FAQ

Can I use Element? Yes. Use official Element clients with a custom homeserver.

Is the CallChat APK live? Not yet. The download page should say APK coming soon until a real build exists.

Is Shield required? No. Standard Matrix-compatible secure messaging remains free.

Can admins recover Shield files? Not by default if the user loses the password and pattern image.

Does CallChat use extra subdomains for MVP? No. The MVP uses `callchat.org` and `matrix.callchat.org`.

Should the bot run admin commands? MVP bot output should be read-only suggestions, not destructive execution.