

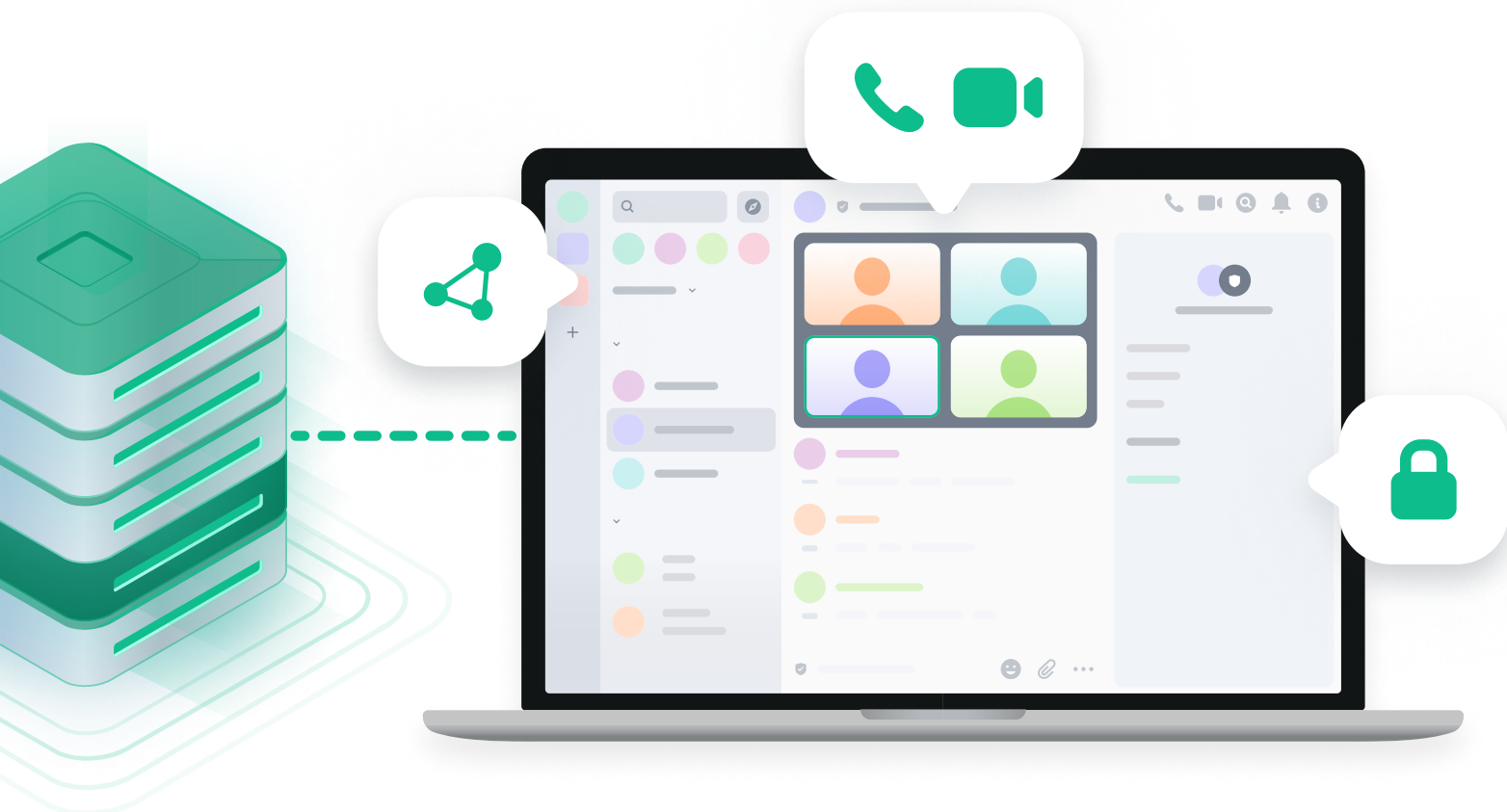
Deploying Element on-premise.



Secure, federated, self-hosted communication.

Element is a communication and collaboration app hosted in the cloud or on-premise. Some customers prefer to host all of their IT infrastructure in-house. Where self-hosting is an organisational requirement, being able to easily deploy on-premise makes Element an ideal communication solution.

This document contains a summary of how to install our on-premise offering in a way that ensures the sovereignty of an organisation's mission-critical communication data.





When to choose on-premise.

Once the decision has been made to deploy Element on-premise, we send the organisation tokens to enable local IT team(s) to install Element within your server network. It's important to note, this process requires the organisation to be capable of working in a Kubernetes environment. If the IT function would expect to install Element via a Windows/MacOS computer, on-premise might not be the right deployment choice; in this case [get a cloud-based homeserver](#). The only exception is if a single-node environment is required. This is sometimes the case when, for instance, an organisation wants to quickly evaluate Element or deploy to environments where Kubernetes is not available.

Installing...

To make on-premise deployments as straight-forward as possible, Element's installer allows you to either deploy to a single Linux node or an existing Kubernetes deployment.



Our installer is text-based and built for Ubuntu 20.04, Red Hat Enterprise Linux 8, and Kubernetes. An organisation simply provides basic information about its environment in configuration files, runs the installer, and then begins using its own Element stack. After the initial installation, the organisation is able to configure any aspect of the underlying deployment if required.

For software updates, the installer pulls down the latest releases from an Element-provided customer repository containing the most up to date tested components of your stack. At Element, packages undergo extensive testing before being deployed to our customers.

The result is a highly secure yet user-friendly communication solution.

Benefits of using our on-premise installer.

With our on-premise installer, your organisation gets access to:

- ✓ Supported versions of Element software built using the best practices of the core Matrix team.
- ✓ Updates covering bug fixes and security fixes.
- ✓ Element's repository of enterprise add-ons. (Note: these add-ons are available with cloud deployments as well but not with 'do-it-yourself' open source deployments)
- ✓ Industry leading technical support engineers who are committed to the success of your deployment.
- ✓ Element's roadmap and the ability to provide feedback that influences our future direction.
- ✓ Element's knowledge base, an online resource filled with articles relevant to anyone using the installer. It is created by our experts and added to regularly based on customer cases that we solve.

Accredited and loved by millions.



Ready to talk?

element.io/contact-sales