



VNC & VNClagoon Insights

Open Source for secure Communication and
Collaboration.

VNC – Virtual Network Consult AG

VNC is the leading vendor of an integrated stack of collaboration and communication products for organisations who prefer to go with software that is based on open standards: VNClagoon.



About us

VNC – Virtual Network Consult AG, based in Switzerland, Germany and India – is a leading developer of open source based enterprise applications and positions itself as an open and secure alternative to the established software giants.

With the VNClagoon software stack, VNC, with its global open source developer community, have created an integrated product suite for Enterprise, SME, Governments and other Organisations, characterised by high security, state-of-the-art technology and low TCO.

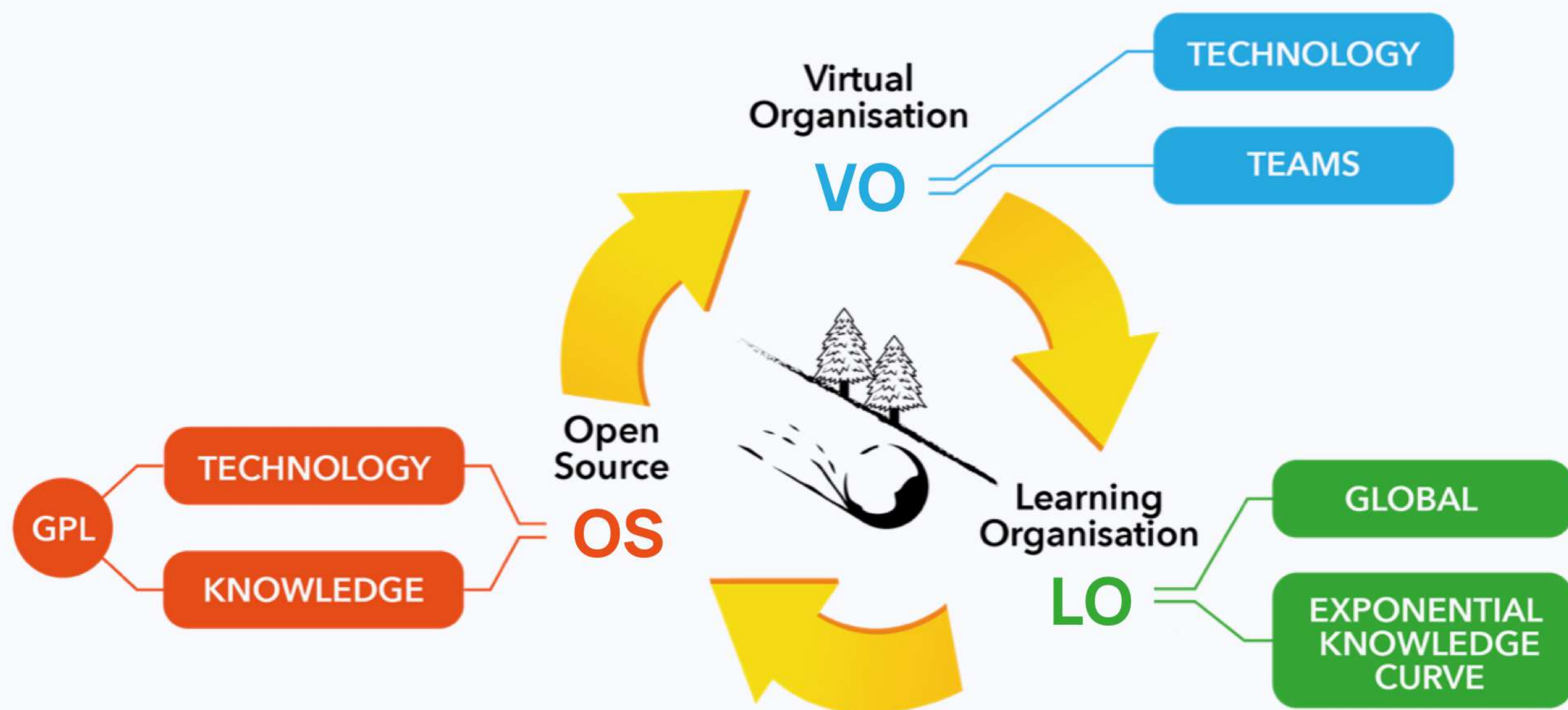
The VNClagoon software stack consists of a variety of integrated products for seamless communication and collaboration, such as messaging, video conferencing, email, groupware, task & project management, file sharing, channels, and more. VNClagoon is a leading alternative to closed source and / or SaaS-only applications like Microsoft Teams, Zoom, WhatsApp and others.

The impressive list of VNC customers, who are using one or several of the VNClagoon components and products, demonstrates the solidity of the VNC concept: the future of modern software will no longer rely on closed source!

Virtual Organisation & Learning Organisation & Open Source

VNC's holistic approach to communication and collaboration uses only the most reliable open source technology to deliver a highly secure and flexible business process-centric solution to your organization. It's the most adopted open source, secure alternative to the established software giants with lower upfront license fees and less ongoing costs.

We strongly believe in Virtual & Learning Organisations as well as Open Source, as depicted in our VNC Archetypes:









Our Mission

To provide secure communication and collaboration to our users via open technologies and platforms.

The Technological Background

Open Source for enterprise level usage

-  VNC has selected, tested and integrated the best open source base components and platforms (databases, application servers, directory services, etc.) over the last few years.
-  VNC has sought out and hired the top developers for each product and technology.
-  VNC has reengineered, enhanced and integrated the underlying products on a functional level to provide users with a holistic experience on any device.
-  VNC has integrated all applications with the help of own middleware / backend tools within the VNCaxf stack to enable, for example, the easy onboarding of new users.
VNC has reengineered, enhanced and integrated all products on a functional level to provide users with a holistic experience on any device.
-  VNC has developed an independent frontend called VNCuxf based on Google Angular (open source), with which the user interface individually displays only the required functions in each VNClagoon product. Branding, customization, etc. are thus possible on a completely new level – and with reasonable effort.
-  Most importantly, the VNCfactory enables automated testing of more than 90% of the software code. This is complemented by structured manual tests, ITIL-based helpdesks with a comprehensive knowledge base and the packaging of all components (DevOp = automated installation with checking of all dependencies and possible errors).



The Advantages of VNClagoon

Communicate & collaborate securely with anyone, anywhere, any time.



Full Feature Set

Unmatched unified Communication & Collaboration Suite.



Open Source

VNClagoon is 100% Open Source, privacy compliant, transparent, auditable and highly secure to operate.



Best of class Technologies

Best of class backend technologies (databases, index, APIs and more) and unified frontend technologies (independant UI based on Angular).



Flexible and customizable

Flexible, modular and integrated applications. Seamless workflows and communication. Easy to customize UX/ UI.



State-of-the-art user interfaces

Performant, customizable and brandable frontends. Available as desktop client, mobile apps, web client. Clients for any device and operating system. Based on leading technology.



Granular management

VNCdirectory allows you to manage roles and permissions very granularly for all users. Management via a Cloud console.



Modular and scalable

VNClagoon allows you to start with only one product for a limited number of users. Flexible extension with further products. Endless scaling for very large numbers of users.



Operations in the place of your choice

Host VNClagoon wherever you want: in a private or public cloud, with the hosting provider you trust, or in your own data center.



Attractive Pricing

Low total cost of ownership with excellent discounts and special subscription models.

Why is VNClagoon secure?

VNClagoon is an unrivaled unified and secure suite of communication and collaboration solutions that offers numerous security benefits:

VNClagoon is built upon Open Source, so that the complete source code is privacy compliant, transparent and can be audited by external experts to make sure you know what is happening on your platform.

Building digital resiliency and collaboration security is critical for ensuring long-term success for any organisation.

We offer end-to-end encryption for utmost privacy and secrecy in your communication. To achieve this high level of security, we integrated for example OMEMO in VNCTalk. Encryption can be turned on and off, according to the organization's requirements and necessities.

VNClagoon can be hosted wherever you need: in your local datacenter or in any public / private cloud - depending on your privacy, accessibility and availability requirements.

Furthermore, the airtight role & permission management within VNCdirectory ensures that all your data are handled according to the „need to know“ principle, so that your users only have access to the information that their job function requires.



**Open Source
Code**



**End-to-End
Encryption**



**Flexible
Hosting**



**Airtight Roles
& Permissions**

Innovation in Software

Since we started with the first line of code, the VNClagoon Software Stack has been a haven for disruptive technologies and new inventions reflecting the way we understand, design, develop and deploy software. No day goes by without the development of new features, new integrations, interfaces, installation routines, user interface designs and much more. As a result, we have very clear advantages and USPs, for example regarding the following dimensions:



Best of class backend technologies

- PostgreSQL databases → nearly endless scalability
- Solr enterprise index → index and advanced search through the complete Suite
- xmpp and video bridges → scalability, stability



Unified frontend technologies

- independant UI based on Angular → branding, customization, fluid software
- Apache Cordova for hybrid code development → any change simultaneously in all clients



Open APIs & integration

The powerful VNClagoon Restful API is fully documented.

The Suite is built to integrate with:

- 3rd party products
- platform technologies

VNClagoon is able to connect to all kinds of data platforms:

- e.g. Google Maps
- others



Built for the Cloud

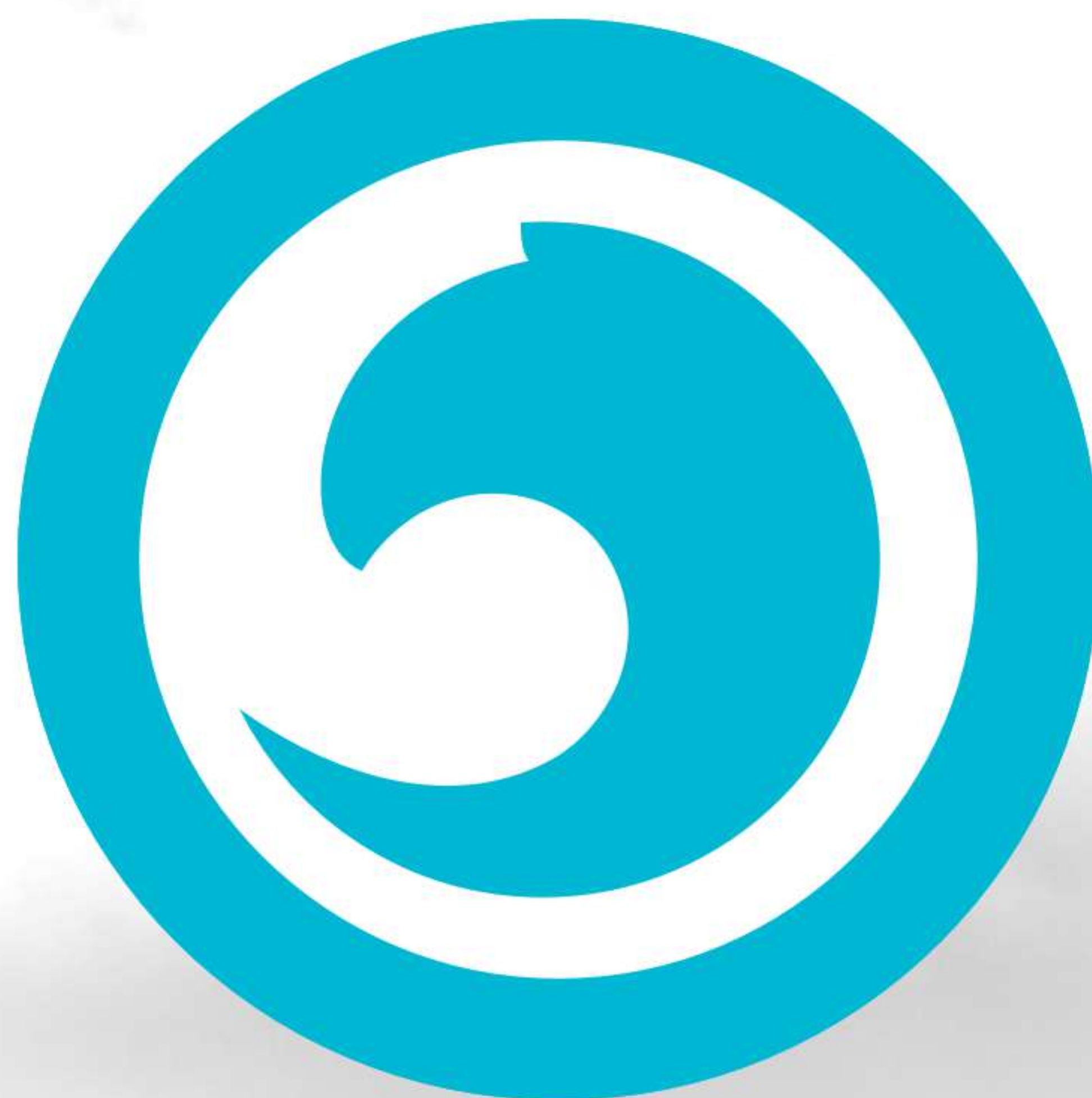
VNClagoon is hybrid Cloud-ready by default. The complete Stack with its applications, subscription models, user provisioning and management as well as its deployment options are SaaS optimized. Generally, VNClagoon is available for on premise, private / public Cloud implementations - or a mix of them.

VNClagoon is auto-deployable via the leading technology Kubernetes, but also available as Ansible / Docker. VNClagoon operations require zero down-time during updates (patches, new releases, etc.).

VNClagoon is very efficient and cost-sensitive in terms of operations:

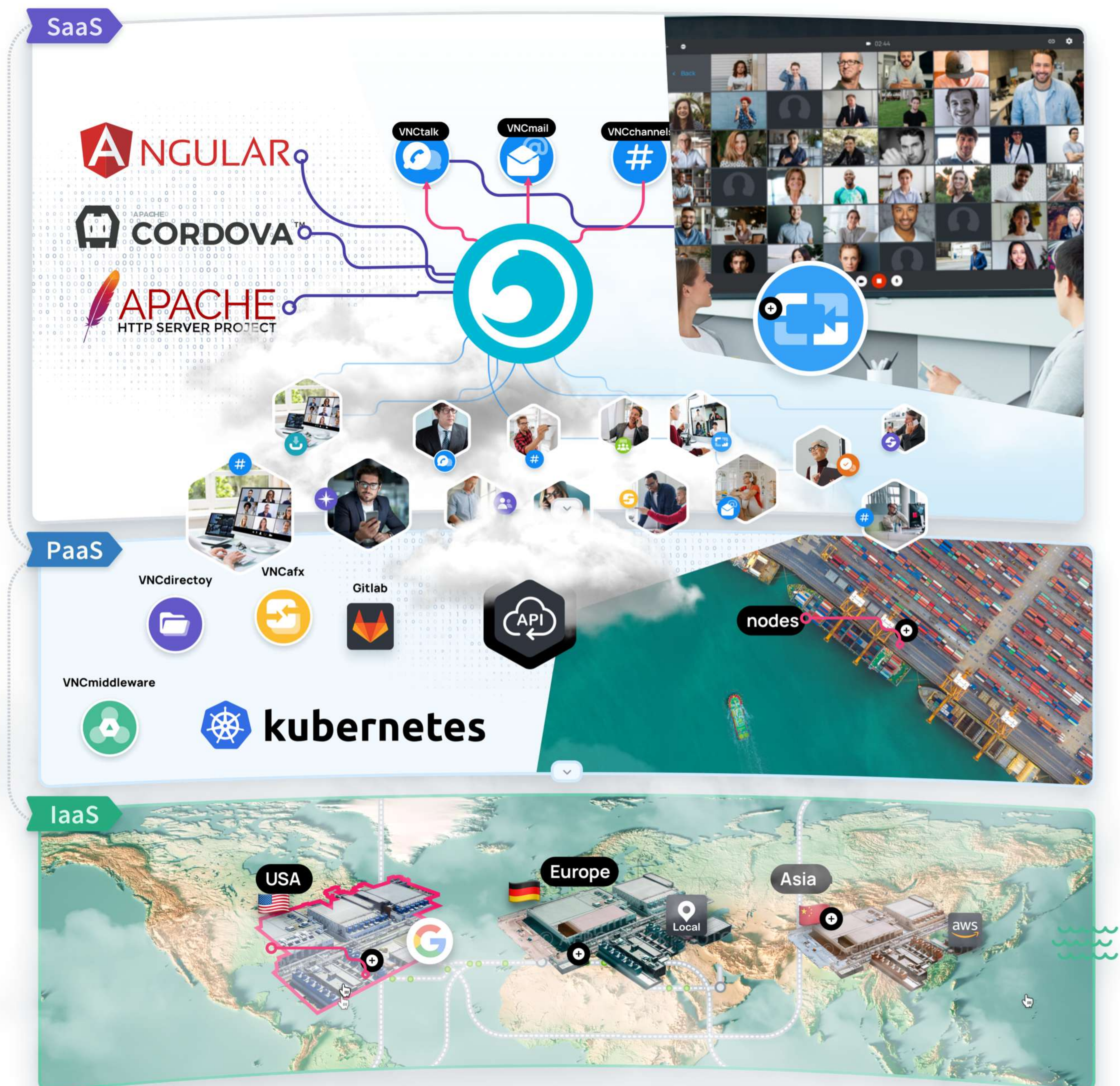
- the underlying Linux platform is energy efficient / optimized
- the centralized management of all components reduces specialised workforce requirements.

VNClagoon is able to scale up to enourmous numbers of users, while supporting auto-scaling for example in case of large virtual events or very dynamic usage patterns. So, our customers can scale up or down just per their instantaneous requirements.



VNClagoon Platform Overview


This overview shows you the three layers of your VNClagoon platform:
Your Software as a Service, Platform as a Service and Infrastructure as a Service, giving you every choice you need in regards of products used, platforms deployed and infrastructure utilized.



Products Built for Secure Interactions of All Kinds




Communication Suite




VNCtalk

Web-based Real-Time Communication: chat, video and audio conferencing.




VNCchannels

A safe place to store data, share insights, grow knowledge & collaborate!




VNCsocial

The brilliant centerpiece of VNClagoon.




VNCmail

The future of e-mail and collaboration – more efficient, more open, more effective.




VNCgroupware

Your complete management tool for your emails, contacts, calendar and files!




VNCcontacts

Contacts and address management.



VNCmcb


MCB: Plan, run and manage parallel online meetings from a central dashboard.



VNCiom


IOM: Inter-Organization Messenger.

Collaboration Suite




VNCfluid

Your 360° Dashboard with full access to everything in your VNClagoon Suite.




VNCcommander

The stream view in VNClagoon.




VNCdms

Store, manage and track electronic documents.




VNCcalendar

One calendar for all your meetings and dates.




VNCtask

VNCtask – the easy to use Task Management & To-Do List application.




VNCproject

Keep your projects in focus and your customers happy.




VNCoffice

Business-hardened office suite with long-term, multi-platform support.



VNCcrm


Your customer relationship management within VNClagoon.



VNCsafe


Private and secure file sharing–on any device, any OS and stored on the server of your choice.

Frontend & Backend




VNCdirectory

Full-blown directory service for the VNClagoon applications.




VNCaxf

The VNC Application Exchange Framework delivers integration on middleware layers.




VNCapps

Efficient and productive wherever you are.



VNCuxf

VNCuxf delivers the real magic in VNClagoon frontends.

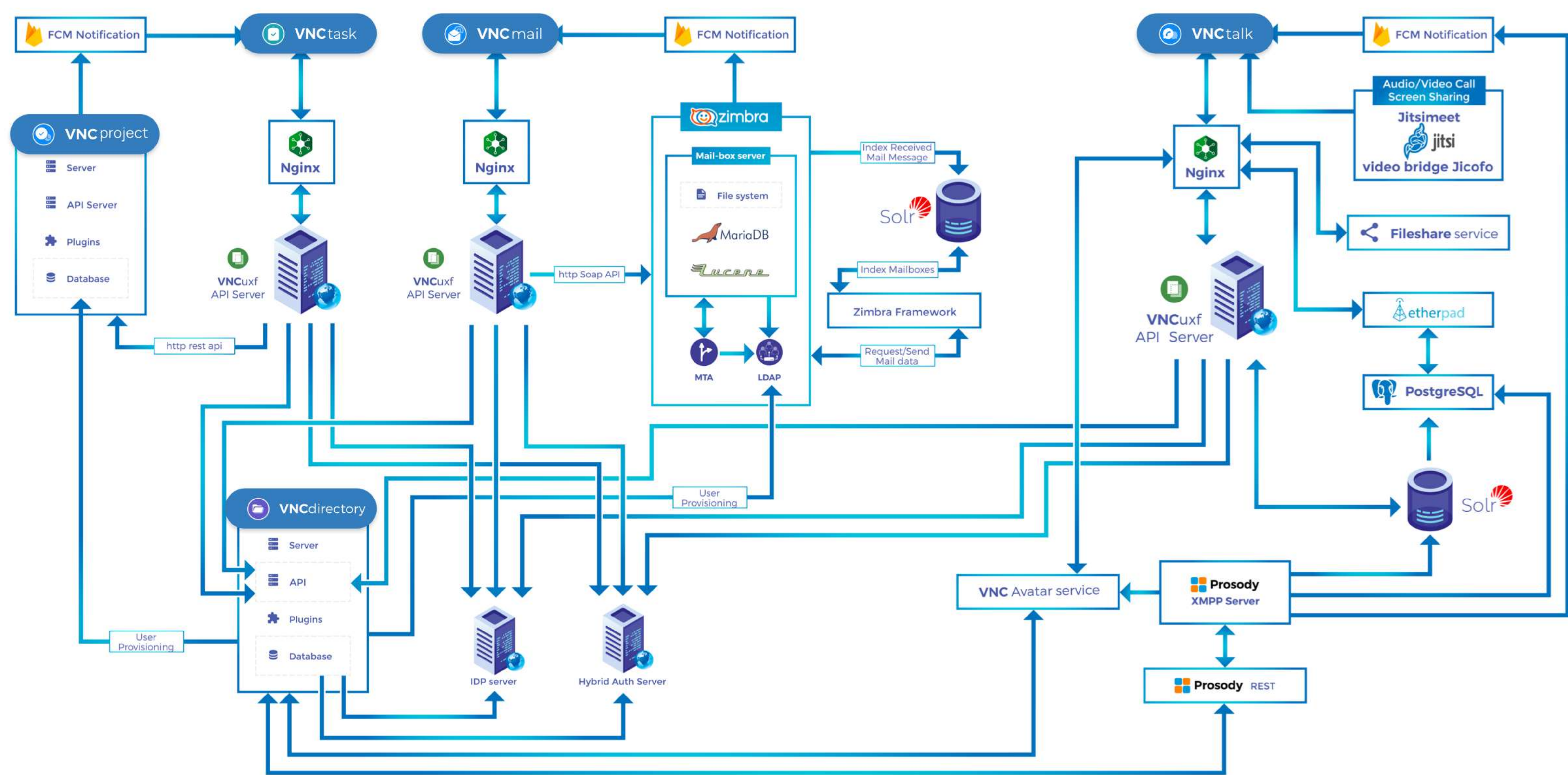


VNCtrustbase

Secure Mail and Collaboration.

VNClagoon Architecture

This Architecture Chart provides a comprehensive overview of the architecture of the VNClagoon software system, the integrated products and components, databases, servers, interfaces and services.



“VNC challenges the software giants that are oppressing the market with their expensive, inflexible and uninventive proprietary solutions. It’s time for open-source applications to finally replace them. We use VNC’s collaboration tools ourselves, including VNCtalk and, most recently, VNCchannels. The tools have made the transition to working from home extremely easy. The comprehensive VNClagoon product suite is a real highlight in terms of functionality and operation.”

Alain Blaes, Managing Director of PR-COM Beratungsgesellschaft für strategische Kommunikation mbH

PRCOM

“The federal state church intranet should strengthen communication and cooperation within the state church. The basic aim is to provide all full-time employees and volunteers of the regional church with access to an innovative, modern and unified communication and collaboration infrastructure. The VNClagoon products are particularly well suited for this, because they allow us as a state church – in addition to the many functionalities provided – the possibility of customization options to individual needs within our church. “

Tabea Langguth, Project Manager
Landeskirchenweites Intranet, EKBO

EVANGELISCHE KIRCHE
Berlin-Brandenburg-schlesische Oberlausitz

“VNC and DFB GmbH have been working together intensively for many years. We want to continue and expand this. The DFBnet mailbox developed and implemented by VNC has enormously accelerated and simplified our internal communication. With this, we see ourselves well prepared for future requirements.”

Steffen Iredi, authorized signatory at
DFB GmbH and responsible Director
Technology & Operations



“My team and I are very thankful for being able to count on the professional and sophisticated VNC team. VNC has supported us with a series of important projects, always exceeding our high expectations.”

Marius Hjelset, Project Head Hosted
Services, Vodafone Group

vodafone



Thank you for your Interest!

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Book a meeting

calendly.com/vnclagoon

Contact Us

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