



# OwnPhone with Volla technology: Smartphone for the decentralized Internet

**Remscheid, August 4, 2025** – With the "OwnPhone," Dutch company YourData Network is launching a smartphone that can do more than just make calls. It is based on the proven Volla Phone Quintus with Volla OS and is part of a new generation of devices for the decentralized, secure Internet. The operating system is the specially developed Your OS (YOS), which is based on Volla OS and deeply integrated into an alternative network and cloud infrastructure. At the heart of this infrastructure is a so-called mesh network, which dispenses with central instances such as IP addresses or DNS servers and instead relies on direct, decentralized communication between devices – for maximum control, security, and independence.



## A smartphone for digital independence

With the OwnPhone, YourData Network and Volla are pursuing a common goal: more control for users over their data, their infrastructure, and their digital identity. The combination of an open-source operating system, decentralized cloud, and meshnet opens up new ways to use the internet confidently and securely – independent of corporations and centralized platforms.

The cooperation partners use **Threefold**, a distributed mesh network infrastructure that relies on its own network protocol called **Mycelium** instead of classic IP protocols. The internet as we know it is based on central elements: IP addresses, domain name servers (DNS), and data centers.

A **meshnet** challenges this model. It is a **decentralized network** in which nodes communicate directly with each other – without central intermediaries. Users can operate their own services without relying on traditional hosting or cloud providers. The vision: more control, more privacy, more digital sovereignty.

These principles form the basis for the OwnPhone: instead of relying on traditional internet structures, it uses a mesh network protocol that functions independently of central servers. In combination with an open operating system and a decentralized cloud service, it offers users a completely independent infrastructure for the first time – from the app to hosting. A new form of digital independence is thus becoming a reality.

A **Nextcloud app** is also pre-installed, serving as a privacy-compliant, distributed alternative to Microsoft 365. Users can rent this service directly – including file storage and collaboration features – without handing over their data to third parties.

**"The OwnPhone is our answer to the growing demand for digital sovereignty and decentralized infrastructure. With YOS and the Meshnet, we are creating a new reality for secure, independent communication and data storage,"** says Robert Jan Lamers, CEO of YourData Network.

## **Volla as an enabler for a decentralized ecosystem**

Volla has been committed to digital sovereignty, data protection, and technological self-determination for years. In addition to developing its own hardware, the company consistently relies on open source software, alternative app stores without tracking, and local data processing without cloud requirements. With Volla OS, Volla offers a mobile operating system that deliberately avoids Google services and puts the user at the center – free from surveillance and data dependency. Whether secure communication, independent app sources, or a customizable user interface: Volla stands for self-determined use of technology.

The partnership between Volla and YourData Network once again demonstrates the versatility of Volla's hardware and software platform. The OwnPhone impressively demonstrates how technological independence, security, and user-friendliness can go hand in hand.

**"The OwnPhone with YOS is more than just a smartphone. It is part of and the hub of the new decentralized Internet. Secure, anonymous, and with the option of easily operating a cloud service such as file storage yourself – without a data center. The OwnPhone clearly demonstrates the potential of Volla hardware and software,"** says Dr. Jörg Wurzer, founder of Volla.

The basis is provided by the Volla Phone Quintus, a powerful device designed uncompromisingly for privacy that has already set standards several times in the Volla product family. With its minimalist design, generous battery, and software concept consistently geared toward security and openness, it forms the ideal foundation for the OwnPhone.

The fact that this smartphone now serves as the basis for a completely new network architecture underscores Volla's vision: technology that not only works, but also creates freedom. For people who want to decide for themselves how they communicate, store data, and work – independent of large tech corporations. The OwnPhone impressively demonstrates how partnerships can work in the spirit of digital freedom.

Further information:

[www.ownphone.net](http://www.ownphone.net)

[www.volla.online](http://www.volla.online)

[www.threefold.io](http://www.threefold.io)

Press photos:

[cloud.hallo-welt-systeme.de/s/69rAn5kpP4BjAKK](https://cloud.hallo-welt-systeme.de/s/69rAn5kpP4BjAKK)

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