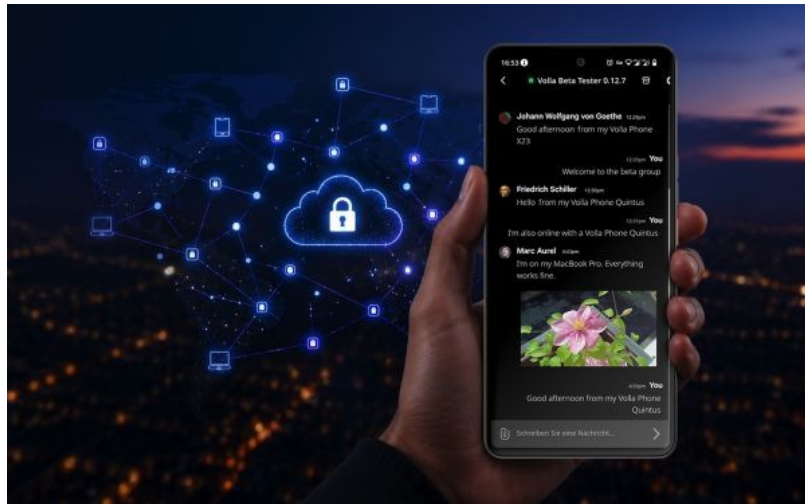


Volla Cloud in Action: Secure Messaging and Data Backup for Smartphones—No Data Center Required

September 1, 2026, 7:00 a.m. | Media & Telecommunications

Press release from: *Volla Systeme GmbH*



Volla Messenger

Remscheid, August 2026 – Following the public beta phase, German smartphone manufacturer Volla Systeme is releasing its Volla Messages app for secure communication, initially for Android, Windows, macOS, and Linux, and available for download now via the manufacturer’s website. At the same time, the public beta test for the data backup app Volla Recovery is launching. With this, Volla continues its strategy for a decentralized cloud ecosystem for digital self-determination and cybersecurity, which is open to app developers.

“With Volla Messages and Volla Recovery, we’re demonstrating that our cloud isn’t just a promise for the future—it’s already working today,” says Dr. Jörg Wurzer, founder of Volla Systeme. “Both applications run completely decentralized, without us having to operate a data center.” This has several advantages: The apps consume hardly any energy, cannot be attacked via a central point, and are under the sole control of the users. And they’re free.

Volla Messages and Volla Recovery are now available for download from the manufacturer’s website. A release on the Google Play Store and the Open Store for Ubuntu Touch is in the works. Other app stores will follow later. A beta test for iOS is planned for summer 2026.

Users of Volla phones and tablets running the Google-free Android Volla OS benefit from a system service that maintains energy-efficient connections to the Volla Cloud, even when all apps are closed.

Volla Cloud: Secure, Decentralized, No Data Center

Unlike traditional cloud services such as Google Cloud or Apple’s iCloud, the Volla Cloud does not rely on central servers. Instead, users’ connected smartphones, tablets, and other devices themselves form the infrastructure. Access by third parties, including Volla itself, is impossible: data is highly encrypted and processed and stored in a decentralized manner

processed and stored.

The technical foundation is the technology developed by the European Holochain Foundation, which—inspired by blockchain—leverages its advantages while overcoming its limitations. Holochain.org works with distributed, encrypted, and chained data sets, known as Distributed Hash Tables (DHTs), which ensure maximum consistency and validity of the data, such as in the case of exchanged text messages.

The key difference from blockchain: Instead of synchronizing data globally, a separate network is created for each use case—for example, for a single contact or a group chat. This not only makes the Volla Cloud lightweight and energy-efficient but also places full control over who data is shared with entirely in the hands of the users. Furthermore, unlike with blockchain, data can be selectively and securely deleted. This prevents an unlimited growth in data volume, which could otherwise lead to cloud overload or even failure in the long term.

Both the Volla Cloud and the underlying Holochain technology are open source and available on the popular GitHub platform. Developers are invited to write their own applications for the ecosystem. At the Volla Community Days 2026, developers were able to learn in a workshop how to develop apps that utilize the features of the Volla Cloud. The recording can be found on the company's YouTube channel.

Volla Messages: Beta Version with Audio and Video Calling

At the heart of Volla Messages is authenticated contact management: contacts are created through a key exchange, which can be carried out very easily via a QR code and requires no prior knowledge of cryptographic methods. On this basis, users can engage in one-on-one and group chats with authorized contacts. For open groups, an invitation key is all that's needed to add additional participants. In addition to text messages, users can also share links, photos, and files.

In addition to the stable version, Volla has released a beta version that already supports audio and video conferencing with contacts and groups. It is available for download on GitHub. Users of Volla phones and tablets can find it in the F-Droid Store.

Volla Recovery: Decentralized Data Backup Launches in Public Beta

With Volla Recovery, Volla Systems is launching another Volla Cloud-based application into public beta: a decentralized, encrypted data backup solution that operates entirely without central cloud providers. Since Volla Recovery requires extensive system permissions to back up all data, the app will be integrated as a system app in the upcoming version of Volla OS 16—similar to SeedVault (known from Android/GrapheneOS), which is currently used for backing up to external storage media.

The principle: Friends and family are invited to contribute to data backup by providing storage space for others' encrypted backups. This creates a network of mutual data backup where no one except the participants themselves has access to the backed-up data. Users retain full control: They decide which data and apps should be backed up—such as contacts and text messages (SMS)—and can restore their data from the decentralized backup at any time, not just through the setup wizard.

A Growing Ecosystem

With the stable release of Volla Messages and the beta launch of Volla Recovery, Volla Systeme demonstrates how the Volla Cloud can serve as a shared foundation for various applications: each with its own, separately encrypted network, but all running on the same decentralized infrastructure. Volla Systeme provided a glimpse into a cloud ecosystem at the Volla Community Days 2026. It is part of the overarching goal of an independent and

secure communications infrastructure, for which secure mobile devices are only the first step. Without compromising on privacy, security, and self-determination, the Volla Cloud brings back the convenience that users worldwide are familiar with from Google Cloud and iCloud. Further information on the Volla Cloud can be found on the manufacturer's website: <https://volla.online/de/volla-cloud/> and at github.com/hellovolla

Volla Systeme GmbH

Kölner Straße 102
42897 Remscheid, Germany

Dr. Jörg Wurzer (Founder and CEO)

+49 2191 59897 60

presse@volla.systems

volla.online

Company Profile

Volla Systeme GmbH (formerly Hallo Welt Systeme UG) was founded in 2017 by Dr. Jörg Wurzer and is an independent German manufacturer of smartphones, available either with its own Android operating system, Volla OS, or the mobile Linux distribution Ubuntu Touch. Volla OS is characterized by uncompromising data protection and a uniquely intelligent user interface.

After three years of research and development, the company unveiled the first Volla Phone in 2020 through a crowdfunding campaign. With the Volla Phone and Volla OS, the Remscheid-based company has completely reimaged the concept of the "smartphone." As an alternative to the version running the in-house developed Volla OS, the devices are also available with the mobile Linux version Ubuntu Touch, which about 20% of Volla customers have chosen so far.

Together with other small and medium-sized enterprises and organizations, Volla Phone founder Dr. Jörg Wurzer has launched an alliance for greater independence, self-determination, and privacy protection, which aims to advance issues such as data protection, digital self-determination, open source, privacy, and independence from large technology companies. Partners include the UBports Foundation, the Holochain Foundation, the VPN provider Hide.me, the search engine Startpage, and the secure, encrypted email service Tutanota.

News ID: 1319031 • Views: 109 (as of September 1, 2026)

Link to the press release:

<https://www.openpr.de/news/1319031/Volla-Cloud-im-Einsatz-Sicherer-Messenger-und-Datensicherung-fuers-Smartphone-ganz-ohne-Rechenzentrum.html>