

Volla OS 13: The evolution of mobile intelligence with transparent Volla AI

New update continues lead in terms of user experience and privacy

Remscheid, 05.04.2024. At the beginning of spring, German smartphone manufacturer Volla Systeme is launching Volla OS 13, the latest version of its operating system based on the open source version of Android 13. One special feature is Volla AI, which redefines intelligence on smartphones: it offers unprecedented functions that are executed entirely locally on the smartphone without the use of a cloud service and with full protection of privacy. From intuitive operation to advanced personalization to secure voice control, Volla AI enables users to use their smartphone more efficiently and securely than ever before. Complemented by an advanced, unique security mode, the Volla OS 13 not only offers advanced features, but also sets new standards in terms of data protection and security.

Volla AI: convenience without compromising privacy

Volla AI in Volla OS 13 is a paradigm shift in the way we interact with our mobile devices. It was developed with the aim of revolutionizing the user experience without compromising privacy. In doing so, Volla AI offers a range of features that set it apart from conventional intelligent systems:

- **Springboard for direct operation:** Volla AI offers direct access to the most important everyday functions without having to open apps must. This approach puts people and content at the center and moves away from the traditional app and service orientation.
- **Text field with anticipatory AI:** The AI recognizes the user's intentions as soon as they start typing and offers relevant actions or completions. These Technology enables intuitive and efficient interaction that makes everyday life much easier.
- **Local execution of AI:** In contrast to other operating systems that rely on cloud services for intelligent functions and use user data in the process, AI can be **executed locally**. Volla AI works exclusively locally on the device. This ensures complete privacy protection, as no personal information leaves the smartphone.
- **Analysis and personalization:** Through the statistical analysis of user behavior, which is also only performed on the device, Volla AI can Group apps automatically and summarize the most recently used apps. Volla AI can thus hide less frequently used apps and display the apps much more clearly. Similarly, it compiles the most recent contacts and conversations based on the communication history. This

personalized content make using the smartphone in everyday life easy and efficient.

- **Integration of extensions:** Third-party providers now have the opportunity to extend the capabilities of Volla AI with their own "skills". Through the provision of an open interface for extensions in the form of plugins, developers can make the anticipatory AI for the intelligent text field even smarter by using the text input for further auto-complete suggestions and functions. The extensions are stored in an open-source project on the Github platform. As an example, a Wikipedia search and a query for the current weather for an entered location can be found there.
<https://github.com/HelloVolla/android-launcher-plugin>
- **Speech recognition and speech synthesis:** Volla AI includes advanced speech recognition and synthesis, which also runs entirely on the device. This becomes. This eliminates the risk of processing confidential content in the cloud. This feature is not only crucial for accessibility, but also ensures that voice data used remains private and secure. The Volla team is working on further development with more accurate speech recognition including punctuation through an open source, free branch (fork) of OpenAI using Tensorflow technology supported by the Volla hardware. The speech input, the Vollaboard, is also open source, as are the tortrained language models in several languages.

By combining these advanced features, Volla AI is setting new standards in mobile technology that are changing not only the way we interact with our devices, but also how we think about privacy and data control in the digital age.

Extended functions: Data protection and device compatibility in Volla OS 13

In addition to the optimized, intelligent control using local AI, the Volla OS 13 update includes the following improvements:

- **The extended security mode:** This now also offers users the option of control Internet access for each app individually. If security mode is activated, the internet access of apps can be specifically blocked in this way. This can be important for the mobile version of Microsoft Office programs, for example, which are known to send content to the cloud for further analysis.
- **Coupling the microG activation:** The activation of microG allows with the Volla operating system also allows the use of apps that rely on Google Cloud services, even though these are not installed. Users who need such apps can temporarily deactivate the security mode and then reactivate it. In this way, a connection to Google Cloud services can be blocked and privacy and sensitive data can be protected.
- **Availability and compatibility:** Volla OS 13 is now available for Volla Phone 22, X23 and X23E smartphones. For users of older models

the company plans to continue offering security updates and Volla-specific innovations, where technically feasible, by updating Volla OS 12. Volla Systeme is thus implementing the strategy of longevity and durability of its smartphones made in Germany. 3

Further links:

- Website of Volla Systeme GmbH: <https://volla.online/>
- Complete release notes for Volla OS 13 on Github: <https://github.com/HelloVolla/volla-os-beta-test/wiki/Volla-OS-Release-Notes>
- Android Launcher plugin on GitHub with skills examples: <https://github.com/HelloVolla/android-launcher-plugin>

More photos and pictures of Volla OS 13 on request!

About the company

Volla Systeme GmbH (formerly Hallo Welt Systeme UG) was founded in 2017 by Dr. Jörg Wurzer and is an independent, German manufacturer of smartphones, 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 operating concept.

After three years of research and development, the company presented the first Volla Phone in 2020 with a crowdfunding campaign. With the Volla Phone and the Volla Phone X, the Remscheid-based company has completely rethought the concept of the smartphone. As an alternative to the Volla OS version, the devices are also available with the mobile Linux version Ubuntu Touch, which around 28% of Volla customers have opted for to date.

Together with other small and medium-sized companies and organizations, Volla- Phone founder Dr. Jörg Wurzer has launched an alliance for more independence, self-determination and privacy protection, which aims to promote topics such as data protection, digital self-determination, open source, privacy and independence from large technology companies. The partners include Gigaset Communications, the UBports Foundation, the VPN provider Hide.me, the search engines Startpage and Metager and the secure, encrypted e-mail service StartMail.

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