



August 1ST 2022

Volla Business Solutions

volla

Hello World Systems

Remscheid | Germany



Volla Business Solutions



Mobile security and efficiency with the **perfect interaction between hardware and software**



Your industry and business solution through **customised operating system**



Robust IP68-rated hardware for use in manufacturing, logistics and healthcare

Volla is a young, up-and-coming smartphone brand with focus on easy, ergonomic operation and consistent data protection. The **Volla Phones** combine contemporary, high-quality hardware from Germany with its own operating system **Volla OS**, which is based on the Android Open Source Project (AOSP) and thus meets the highest standards of maturity.

Volla OS

Secure

To meet the strict legal and business requirements for data protection, the Volla OS is Google-free and also does not depend on any other cloud services, without sacrificing Android compatibility. The Volla OS even complies with the Basic Data Protection Regulation following the European Court of Justice ruling rejecting the Privacy Shield agreement with the US, which precludes the use of stock Android with Google apps and services.

In addition, the Volla OS is secured by an optional log-free VPN and services like assisted GPS and network status check are replaced with trusted alternatives. Backdoors for user data collection have been removed.

Biometric authentication, encryption of device memory and differentiated security settings are standard as a matter of course.

Efficient

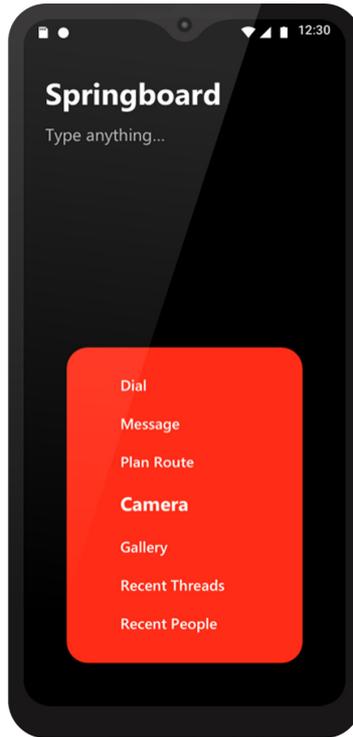
The Volla OS introduces a new intelligent and ergonomic operating concept that seamlessly combines with classic apps.

The operating concept enables focus on the essentials for maximum efficiency and effectiveness in professional communication.

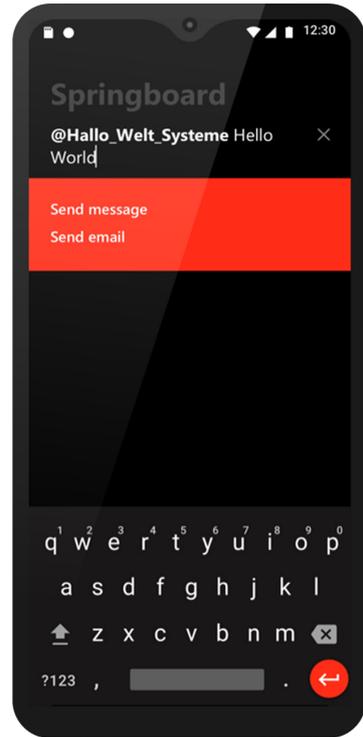




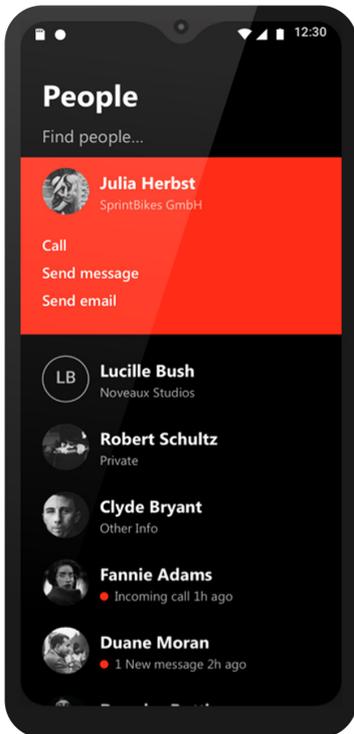
A personalized one-point-menu allows to call up everyday functions and information at lightning speed by a single gesture.



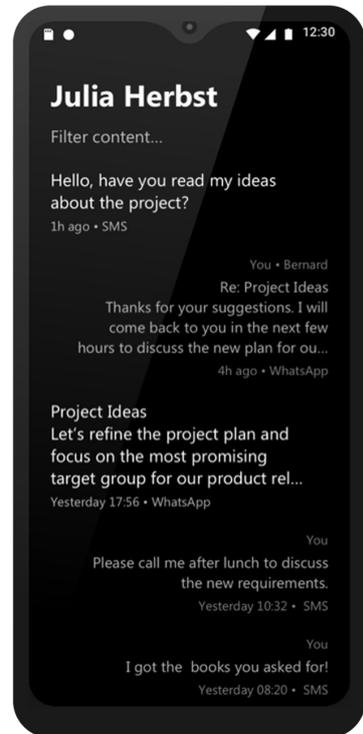
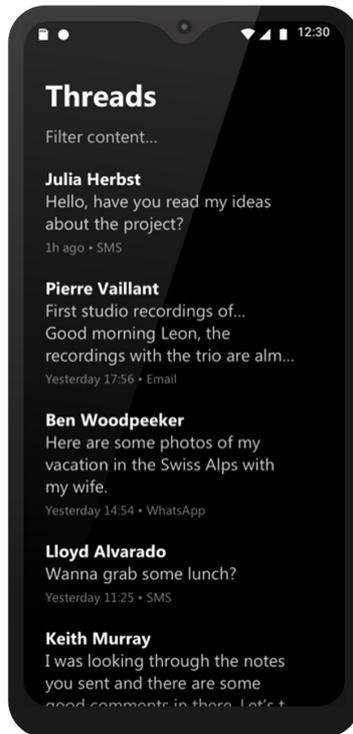
The home view is the springboard that provides access to all important functions and information.



Anticipatory intelligence allows the device to interpret input and suggest suitable functions, for example sending a message.



Dynamic collections of personalized information such as recent contacts, conversations and messages.





Perfect matched Operating System

As the manufacturer of software and hardware, we have full control over all levels of the operating system. This makes customization possible for industry and company specific requirements including dual branding.

- Additional pre-installed apps, including those not available in the App Store.
- Customized launcher for the best support of work processes.
- Update solution with separate OTA channel and F-Droid repository.
- Dual branding with custom launch image and banding for packaging.
- Restricted functionality for GDPR compliance without the need for mobile device management (MDM).

Ubuntu Touch

For special requirements, all Volla Phones are available with the Ubuntu Touch mobile Linux operating system:

- Perfect for use with industry and enterprise specific Linux programs and special peripherals.
- Ideally integrated into an open source Linux infrastructure, for example in public administration or educational and research institutions.

Hardware

Two Volla models offer a choice for many application areas:

Volla Phone 22

The slim, representative model is suitable for all use cases in administration and the equipment of modern workplaces.

- Powerful Mediatek chipset Helio G85 Octa Core 2.0 GHz.
- 48 megapixel camera plus 8 MP ultra wide angle.
- 128 GB internal storage, expandable by another 0.5 TB.
- Razor-sharp 6.3-inch display with 410 PPI resolution.
- Long-lasting 4400 mAh lithium polymer battery.
- USB-C with USB-OTG support for peripherals like readers or meters.



Volla Phone X

The rugged Volla Phone X is ideal for use in manufacturing, logistics, assembly, field service or emergency services.

- Powerful Mediatek chipset Helio P23 Octa Core 2.0 GHz.
- 64 GB internal storage, expandable by another 0.5 TB.
- Protected against dust and splash water according to IP68.
- Bright display with Corning Gorilla 3 glass.
- Extremely enduring 6200 mAh lithium polymer battery.
- USB-C with USB-OTG support for peripherals such as readers or meters.



Use cases

Patient information for clinics and doctors' offices

Volla partner GNUHealth plans to bring its open source solutions for hospitals, physician offices and patients to the Volla Phone.

Physicians and nurses will receive information appropriate for their role and for the particular patient and situation, for example during nursing care.

- Robust Volla Phone X for use in hospitals and clinics, protected from dirt and moisture, optimal for disinfection to keep hygiene measures.
- Pre-installed software for the user target group including update solutions, immediately usable without costs for MDML.
- High level of data protection for sensitive patient information. Exclusive use of a secure cloud of the hospital or doctor.

Equipment for mobile care services

A Volla partner with the focus on setting up ICT systems grasped the requirement of a mobile nursing service with 200 employees. They need a reliable smartphone that meets the strict data protection requirements for sensitive patient data, in addition to special apps for controlling and documenting their activities.

- Robust Volla Phone X for use 'in the field' with patients, protected from dirt and moisture, easy to disinfect for keeping hygiene measures.
- Extreme durable battery lasts entire shifts and ensures long life of the device, also reduces long-term costs.
- Pre-installed software for caregivers including update solutions and blocking installation of additional software.
- Out-of-the-box mobile devices at no cost to MDML.
- High level of data protection for sensitive patient information. Exclusive use of employer secure cloud for documentation.
- Fast and easy recharging between shifts by induction charging.

Emergency information for fire and rescue services

An emergency information service provider equips fire and rescue units with an extra-rugged smartphone that allows quick access to that emergency information with a single gesture or scanning of a QR code at an accident scene.

- Rugged Volla Phone X for outdoor use e.g. a car accident, protected from dirt, splashing water and shock.
- Extremely enduring battery is guaranteed to last long deployments and ensure long device life, reducing long-term costs.
- Customized Volla OS with additional apps and optimized launcher for calling all important functions with a single gesture.
- High data protection for sensitive emergency information. Exclusive use of a secure cloud from the service provider.
- Using USB OTG support to connect to a thermal imaging camera to detect remaining embers after a firefighting operation for example.

Highly secure communication solutions

Two manufacturers of communication solutions for the highest security requirements are offering a total solution for mobile communication consisting of hardware and software. The functions include tap-proof voice and video conferencing, text messaging and document exchange via an encrypted network.

- Elegant and lightweight Volla Phone for high demands of the customer target group and brand of the software manufacturer.
- Customized Volla OS with the software manufacturer's app(s) including update solution with separate F-Droid repository and OTA channel on servers in Germany.
- Dual branding with logo of the respective software manufacturer and special banderole as outer packaging in the design of the software manufacturer's brand.

Wheelchair control

A german company offers hard- and software solutions for people with disabilities, who for example, can regain a bit of freedom by controlling a wheelchair with the smartphone. It is needed for the control system, which requires special hardware and software.

- Robust Volla Phone X for outdoor use, protected from dirt, splash water and shocks in wind and weather.
- Extremely durable battery lasts several days without recharging and ensures long life of the device, also reducing costs in the long term.
- Control software requires a mobile Linux operating system, which is available with Ubuntu Touch on the Volla Phones.
- Special protocols for the USB interface are needed to control the wheelchair, which have been enabled by Volla through a change to the core.





Further information

Hello World Systems Ug (haftungsbeschränkt)
Kölner Straße 102
42897 Remscheid
Germany

Homepage: volla.online
E-Mail: info@volla.online