Work safely from anywhere

SINA for smartphones and tablets up to RESTRICTED

The software package for your mobile devices — from smartphones to tablets.

SINA Mobile is an application suite that enables secure working up to RESTRICTED on common SAMSUNG and Apple end devices.

Benefits

- All traffic takes place within the secure SINA network

- Easy maintenance and backups

- Investment protection, as end devices neither require much processing power nor memory

- Devices freely interchangeable and customizable

- No security risk if the mobile device is lost

- An extended desktop can be simulated in desktop mode (computing power comes from the backend)

- No media disruptions

- Is based on proven SINA technology and integrates seamlessly into the SINA infrastructure (e.g. SINA Management, SINA Boxes or SINA Workstation)

SINA VPN

The core element of the solution is the tried-and-tested SINA VPN stack, which is already integrated in other SINA products. This provides additional security, as SINA Mobile does not rely on the standard VPN of the operating system.

Together with the approved hardware security anchor (at SAMSUNG the embedded Secure Element, at Apple the Secure Enclave), the device is able to connect to corresponding SINA gateways to establish a secure communication channel to a data center.

SINA Mobile complements the existing SINA infra-structure for even more flexibility and convenience.
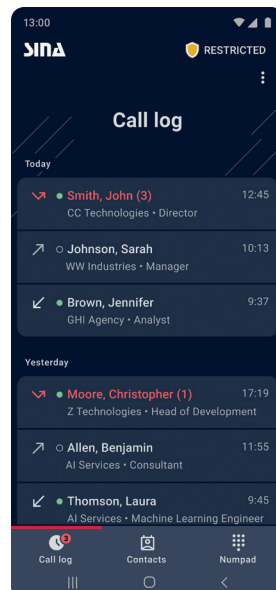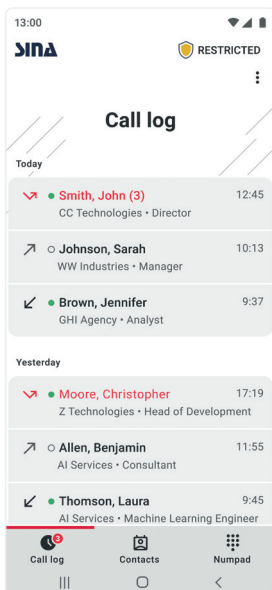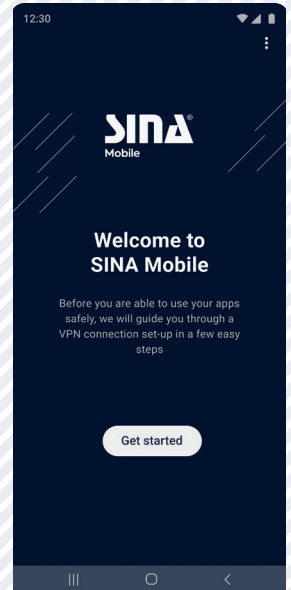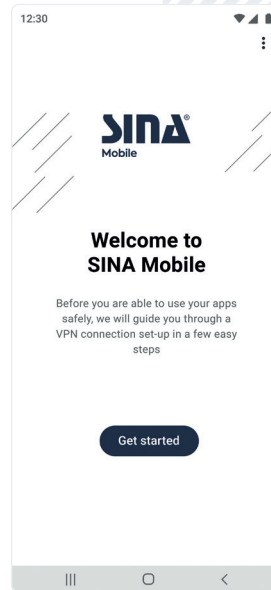
Telephone

With the integrated VoIP telephony app, it is possible to make encrypted telephone calls with other participants in the organizational network via the established VPN tunnel up to RESTRICTED.

Unauthorized access to the address book is prevented even if the mobile device is lost, as it is not stored locally on the device. Cross-network calls are currently being planned and developed.

Browser

The browser can be used to process classified data up to RESTRICTED via common HTML-based web applications such as Outlook Webaccess.

The browser is hardened and has a data diode. This means that information can be displayed in the protected browser and only edited there without it flowing back to the mobile device.

You can work securely up to RESTRICTED with all applications that have a web interface.

The secure browser supports virtual desktop infrastructures (VDI) as well as specific specialist procedures of the respective organizations. With the inclusion of cloud infrastructures (e.g. SINA Cloud), it is possible to use virtualized mobile applications.

Supported hardware models

All devices listed in the RESTRICTED approval for Apple INDIGO or SAMSUNG Knox Native are supported. SINA Mobile requires a secure platform with an approved security anchor.

Availability

The Android version is already available and is in the approval process for RESTRICTED.

The iOS version is under development and is planned for 2024. RESTRICTED approval is in preparation.

Design principles

- No data is persistently stored locally on the device

- Transport encryption with SINA technology (connection to SINA infrastructure)

- Use of approved hardware security anchors

- Supports iOS as well as Android operating systems

- Future-proof through support of an open app ecosystem

More information:
secunet.com/sina

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