

QuantumGate

SECURE VMI

Your secure work mobile, accessible on any device



Our Secure Virtual Mobile Infrastructure (VMI) enables users to remotely access a secure virtual mobile environment using a personal or company device. It stores sensitive data remotely rather than on personal user devices, reducing risks associated with loss, theft, or compromise. It also eliminates the need to carry two mobile devices.



Features

End-to-end data security: Implements a novel architecture in which user data is stored in separate, confidential computing nodes, enhancing data confidentiality.

Secure media bridge: Securely connects multimedia applications such as Microsoft Teams and device peripherals such as the camera, audio, and Bluetooth to the virtual Android environment.

Session-specific certificates: Uses unique credentials per session to ensure secure authentication and reduce long-term key exposure.

Attestation and trust mechanisms: Uses attestation within the cloud service infrastructure to verify the integrity of the backend environment.

Dedicated client application: Ensures secure session access.

Management functions: Administrator tools include provisioning, diagnostics, user session recovery, and instance revocation.



Book your demo today: Contact@QuantumGate.ae

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Benefits

Data is isolated and stored remotely rather than on the user's device.

Supports scaling to over 10,000 concurrent virtual mobile environments.

No need to carry multiple phones.

Compatible with standard enterprise applications such as Outlook, Slack, and OneDrive through structured user testing programs.

Supports personal and enterprise devices without compromising security.



Technical specs

- Runs virtualized and isolated AOSP instances in containers or virtual machines.
- Supports attestation and secure boot.
- Deployable on public cloud, private cloud, or on-premises infrastructure.
- Supports containerized or virtualized secure Android sessions.



Supported platforms and systems

- iOS
- Android
- GCP
- Azure



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