

ValidSoft Details Edge-First Deployment Framework for Real-Time Voice Biometric Security

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ValidSoft has announced the release of a technical framework for deploying its AI Voice Identity Platform (VIP™) using an edge-first architecture. The framework addresses latency, data sovereignty and real-time processing requirements for enterprise voice biometric authentication.

As organizations adopt AI voice agents, the edge-first approach moves core processing functions from centralized cloud environments to local network edges. ValidSoft said the shift is

designed to allow deepfake audio detection and identity verification to occur in real time, which the company says is required for high-volume transaction environments such as contact centers and financial institutions.



ValidSoft Logo

The framework integrates three capabilities of the ValidSoft technology stack:

- [Voice Verity®](#): addresses whether a voice is human by detecting synthetic or deepfake audio.
- [VoiceID™](#): addresses whether a voice belongs to the right person through voice biometric identity verification.
- [VoiceMFA™](#) (See-Say): addresses whether the resulting action is properly authorized by cryptographically binding a verified voice identity to a specific transaction or instruction.

Each capability can be deployed as a standalone solution. ValidSoft said deploying Voice Verity®, VoiceID™ and VoiceMFA™ (See-Say) together, at the edge, within the AI Voice Identity Platform (VIP™) is designed to provide layered coverage across detection, identity and authorized intent, while keeping biometric data processing within local jurisdictions to support regional data privacy requirements.

The documentation covers deployment for technical architects and security leads managing the

transition from legacy systems. ValidSoft said detailed technical specifications and deployment protocols are available through its documentation portal.

“Voice security only works if it happens in real time, at the point where the call or transaction is actually taking place,” said Pat Carroll, CEO of ValidSoft. “Moving detection and verification to the edge is what lets our platform keep pace with live fraud attempts, rather than flagging them after the damage is done.”

About ValidSoft

ValidSoft is a leading AI voice security company providing mission-critical trust infrastructure for the global AI voice economy. The company combines deep speech science, privacy-first engineering, voice biometrics, synthetic voice detection, fraud intelligence and cryptographic intent binding to help enterprises establish trust in voice interactions across contact centers, digital channels, edge environments and AI-enabled workflows.

Erin England

ValidSoft

[email us here](#)

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