

For the same period Gartner forecasts biometric technologies (such as face recognition via a

Gartner: IoT to Drive IAM Implementation

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user-facing camera, voice recognition via a microphone, keystroke and gesture dynamics via multitouchscreens and handling dynamics) will replace passwords and fingerprints in endpoint device access across 80% of the market by 2020. Such technologies are already built into many mobile devices, and can be simply implemented via endpoint OS update.

"Embedded fingerprint authentication does not improve user experience for everyone," the analyst concludes. "Furthermore, given the low trust that these methods afford, we expect to see increasing dissatisfaction as people's devices are compromised over the next few years. The same kind of biometric modes that organizations may soon adopt for authentication from the device will be preferred for authentication to the device in the midterm."

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