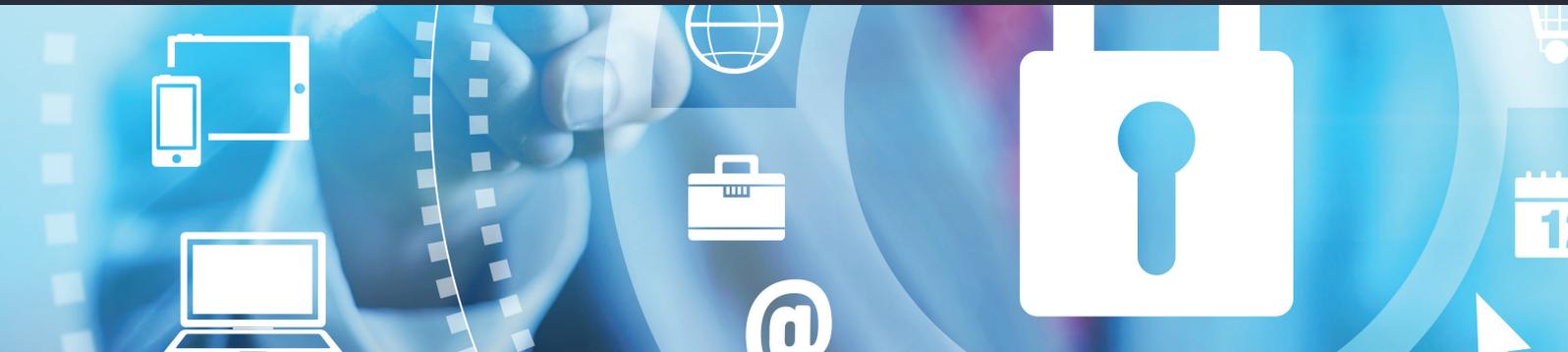# SECUREDTOUCH

## COMPLETE SECURITY, COMPLETE PRIVACY

Mobile devices automatically come with the same generic security – a simple passcode, much like the lock on your front door. SecuredTouch lets you give your customers a completely silent, top-of-the line security system, with full control of access to their personal devices, apps, and data.

SecuredTouch strengthens security by analyzing how each user interacts with their mobile device, creating an individual profile. It's easy to discover a password. It's virtually impossible to precisely imitate another person's behavior.

## UNIQUE DIFFERENTIATORS

• Complete user access control over the entire device or individual applications
• Prevents device take over
• Identifies individual users on a shared device
• Minimal effect on battery and CPU
• Selectively blocks access to sensitive information and actions

## YOUR HARDWARE STRENGTHENS PRIVACY

SecuredTouch leverages existing device hardware to control privacy. Our software uses the gyroscope, touchscreen, and accelerometer in real time to collect more than 100 unique identifying parameters such as finger pressure, swipe speed, device movement, gesture boundaries, and typing patterns to enforce stronger authentication, blocking access to pre-designated applications and data.
The solution's unobtrusive behavioral biometrics analysis reinforces existing device authentication, such as face recognition, fingerprint sensors, PINs and lock patterns to add a continuous authentication layer that secures device access – even when they're unlocked.
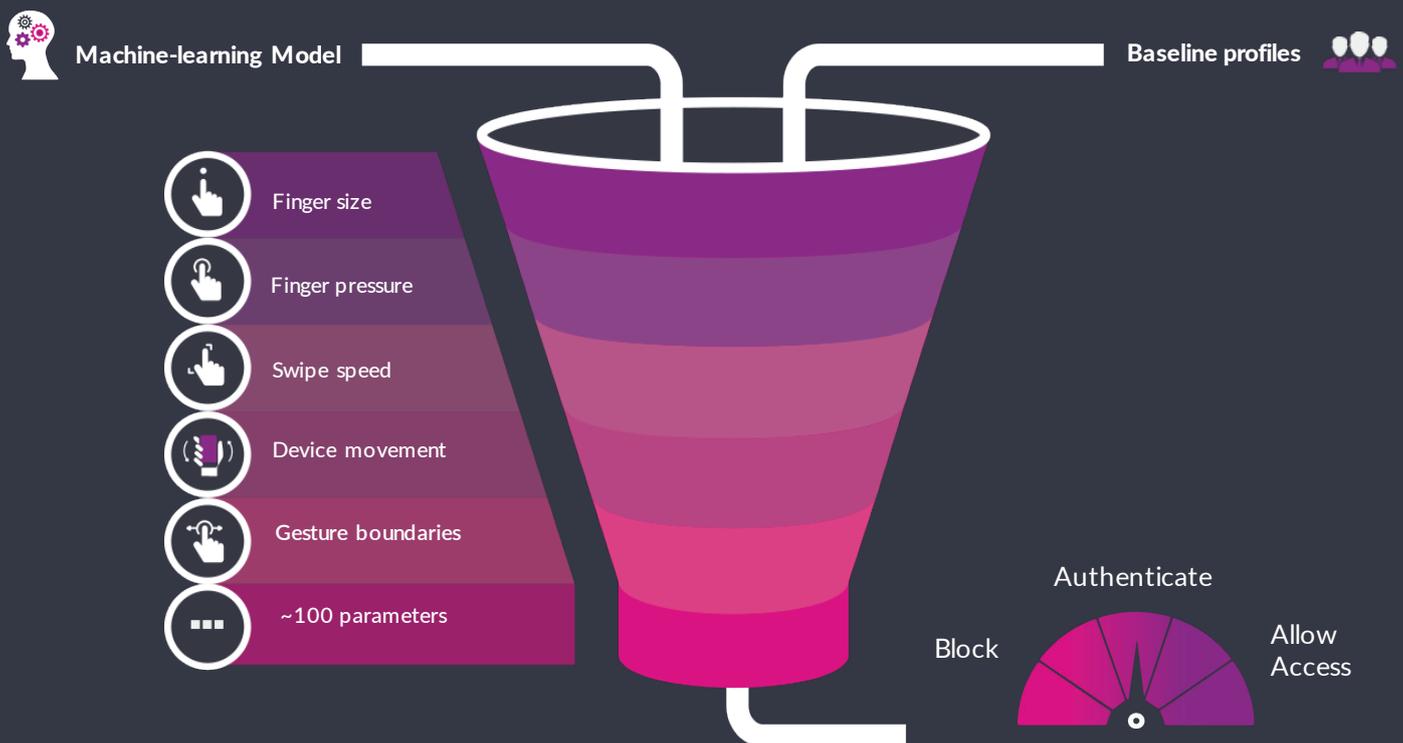
## FAST & SEAMLESS INTEGRATION

• Android OS-level product
• Operates across all device usage
• Flexibility to remotely change access rules as device OS evolves
• Adds stronger, continuous authentication layer using existing hardware

## CONTINOUSLY ACTIVE AUTHENTICATION ENGINE

Behavior is continuously validated in real-time against the user's profile, seamlessly verifying and authenticating the user without interrupting their work. The proprietary self-learning and adaptive system analyzes data from 100+ behavioral parameters, providing anomaly detection in real time.

SecuredTouch delivers risk-based analysis scoring, with a real-time trust score between 0-1,000, with 1000 as 100% confirmed customer. The device manufacturer assigns the weight tolerance, defining limits based on what aspect of the device its client is using.

Machine-learning Model

Baseline profiles

Finger size

Finger pressure

Swipe speed

Device movement

Gesture boundaries

~100 parameters

Authenticate

Block

Allow
Access

## ABOUT SECUREDTOUCH

SecuredTouch is a pioneer in behavioral biometrics for mobile, delivering continuous authentication technologies to strengthen privacy and security and reduce fraud while improving customers' digital experience. Application- and device-based solutions are in use at clients around the world, including major financial institutions. Partners include Amdocs, HP and IBM Mobile First. The privately held company is based in Silicon Valley, with an R&D center in Israel.