

Collecting Fingerprints Efficiently When End-Users Are Widely Dispersed

If your organization needs to record the fingerprints of employees, customers, or citizens, you face a difficult challenge in today's global economy—where users are geographically dispersed. Even if end-users live in the same country or state, it can be cost-prohibitive and time-consuming to travel to centralized or regional offices. In some cases, it's virtually impossible to achieve fingerprint recording within required timelines.

Whether you need to record fingerprints to grant digital or physical access, receive mobile payments, or track remote time and attendance, ONYX® from Telos provides the answer. As part of the IDTrust360® platform, the patented ONYX solution delivers touchless fingerprint biometrics that people can submit simply by using their mobile phones.

Powered by state-of-the-art machine learning, ONYX quickly recognizes fingers in the camera field of view, automatically captures fingerprints when in focus, and then quickly isolates and separates the image into individual prints. From there, the images or templates can then be sent to virtually any matching program to verify the identity of the person submitting the fingerprints.



ONYX Touchless Fingerprinting Capabilities

Telos can embed ONYX into mobile apps for you, or you can use the SDK with secure service access through a function call to embed touchless fingerprinting on your own. The technology supports Android and iOS devices, is backwards compatible with third-party matchers, and delivers several key capabilities:

- Replaces expensive physical hardware infrastructure to capture fingerprints
- Connects remote customers and employees through high-security fingerprint identification
- Captures fingerprints using the rear-facing camera on most off-the-shelf smartphones
- Applies machine learning and artificial intelligence to accurately produce high-quality fingerprint images
- Integrates seamlessly into mobile applications within hours
- Provides robust liveness detection and anti-spoofing



ONYX makes it easy for customers, employees, and citizens to capture and submit their fingerprints using their own mobile device.

The solution can also integrate with existing fingerprint identification systems and deploys more quickly at a lower cost than other mobile fingerprint systems. And as device manufacturers create better cameras, our solution inherently improves since we enhance ONYX through ongoing over-the-air updates.

ONYX Benefits

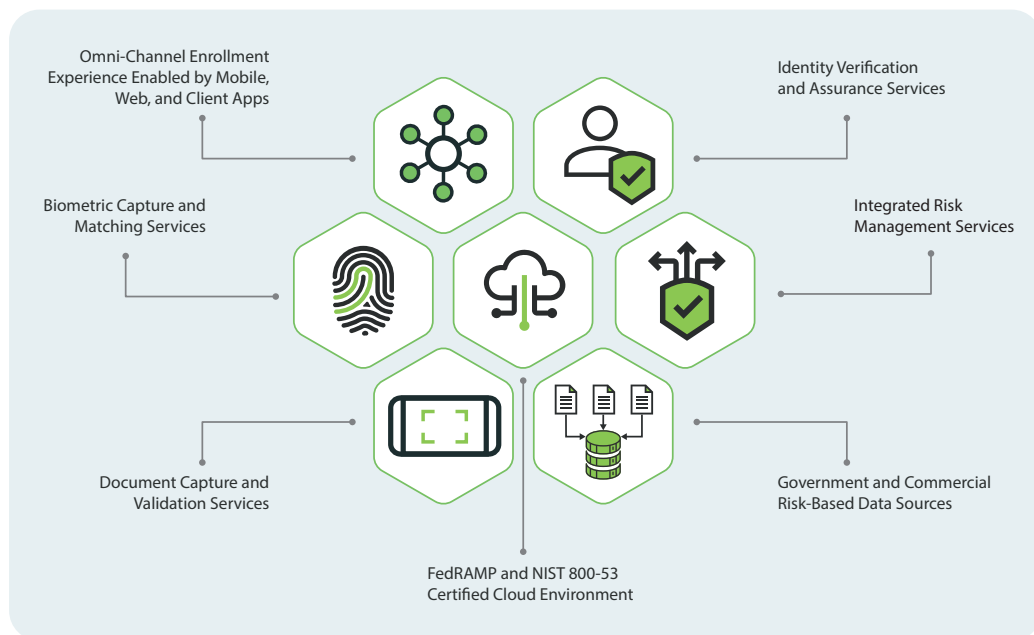
- Allow secure physical access to restricted areas
- Quickly enable customers to approve financial transactions from mobile devices
- Instantly run background checks against fingerprint databases
- Immediately identify, verify and enroll subjects or victims in the field
- Integrate with GPS to pinpoint the exact location and time of subject encounters
- Provide two-factor authentication to log in to sensitive applications

ONYX also generates more accurate fingerprint copies—by avoiding the distorting variables of touch-based hardware scanners. And due to its touchless nature, ONYX is more hygienic and secure, leaving no latent prints or residue behind.

IDTrust360

- Identity Verification and Assurance
- Government/Commercial Risk-Based Data Sources
- Biometric Capture and Matching
- Integrated Risk Management
- Document Capture and Validation
- Omnichannel Enrollment

IDTrust360 enables you to secure your enterprise—whether you need to address requirements pertaining to Know Your Customer (KYC), insider threats, access and authorization, or regulatory compliance. The platform rapidly enables digital identity services within complex operational ecosystems that span millions of identity transactions across workstations, kiosks, laptops, smartphones, and access control systems.



Built on an enterprise hybrid-cloud platform that is certified and operational in several U.S. federal agencies, IDTrust360 gives you the flexibility to securely deploy modular services that transform your business-to-business (B2B) identity environment. The solution also supports business-to-consumer (B2C) applications to extend secure identity services to your customers.



Meets stringent federal requirements for cybersecurity and identity standards



Complies with NIST security control and identity assurance requirements



Supports identity services in the largest digital identity programs



Captures identity data to quickly validate individuals are who they claim to be



Contains biometric matching, mobile wallet, and case management features



Meets complex technical, operational, and regulatory identity requirements

Key IDTrust360 Capabilities:

- Supports touchless, live scan, and wet fingerprint card scanning
- Identifies, prioritizes, and mitigates threats to protect enterprise resources
- Tracks criminal history, terrorist watchlists, vetting, and payment processing
- Aligns with federal agency guidelines for digital identity, enrollment, and identity proofing
- Provides facial recognition, live scan, and no-touch fingerprint scanning and matching
- Provides access and appointment scheduling via mobile, web, kiosk, and client apps

Learn more about how IDTrust360 can enable you to secure your IT infrastructure by contacting us today at info@telos.com.

 **Telos**® Solutions that **empower** and **protect** the enterprise.™