Entrust Identity

Secure and frictionless identity and access management

- **Enterprise workforce**
- **Consumer transactions**
- **Citizen interactions**

ENTRUST

SECURING A WORLD IN MOTION

Entrust Identity at a glance

Fueled by mobile and cloud adoption, the traditional security perimeter is gone, replaced by distributed decentralized identities and requirements to support Zero Trust environments. Protecting the identities of workers, consumers, and citizens is key to preventing uncontrolled access, data breaches, and fraudulent transactions. Entrust Identity is the identity and access management (IAM) portfolio that provides the strong foundation you need to realize a Zero Trust framework.

Secure Identities

Workforce
Consumer
Citizen

Secure Access

Apps, Networks, VPN
Portals
Physical

Secure Communications

Email & file encryption
Document signing
Non-repudiation
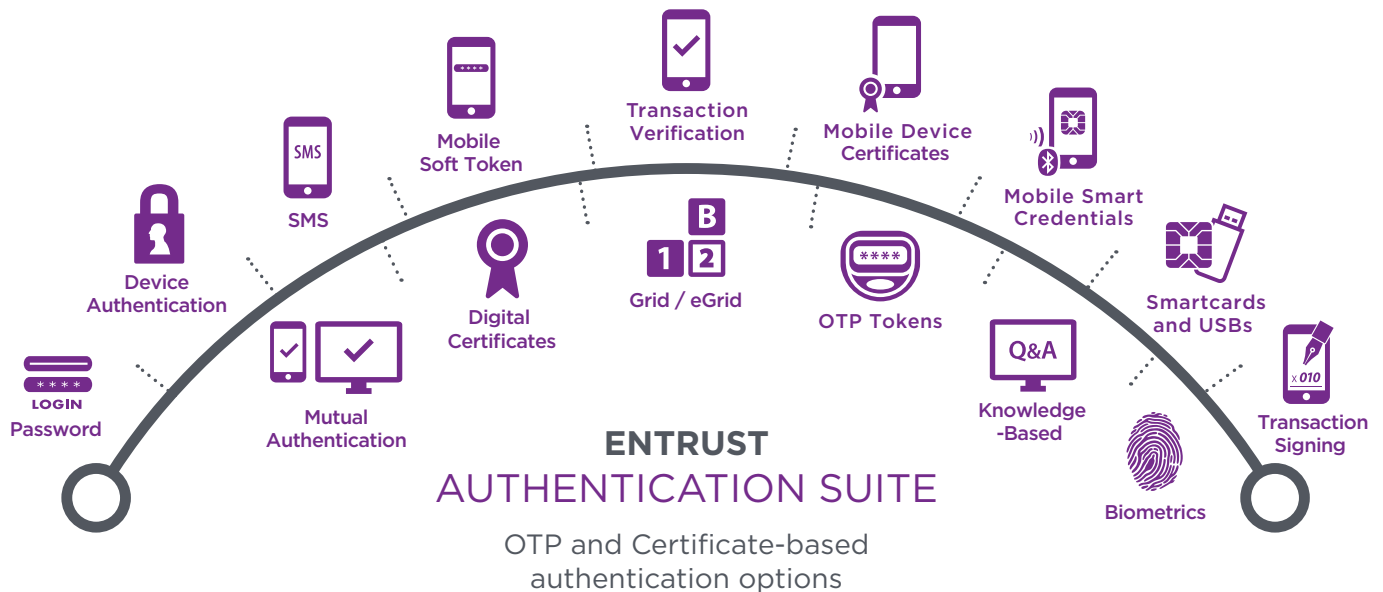
A comprehensive IAM suite

As one unified IAM portfolio, Entrust Identity supports an unparalleled number of use cases and deployment options including:

- End-to-end user journey using Identity Proofing and workflow orchestration

- High assurance credential-based access for enterprise and government workforces

- High assurance credential-based passwordless access for workers

- Passwordless access for consumers using phone biometrics or FIDO tokens

- Single sign-on (SSO)

- Best-in-class high availability and large-scale capability multi-factor authentication (MFA)

- Adaptive risk-based access and authentication

- Email signing and encryption, file encryption, and document signing

- High assurance authentication for large consumer- and citizen-facing portals

- Transaction confirmation and non-repudiation

- Quick deployment and ease of use

- Deployment models for small workforces to large-scale consumer environments with 10 million+ identities

- Flexible deployment options: cloud, managed service, on-premises, virtual appliance
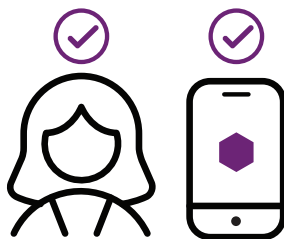
Realize a
Zero Trust
framework.

Largest number of supported authenticators and use cases

Device Authentication

Password
LOGIN
****

SMS
SMS

Mobile Soft Token

Mutual Authentication

Digital Certificates

Transaction Verification

Grid / eGrid
1 2 B

Mobile Device Certificates

OTP Tokens

Mobile Smart Credentials

Q&A
Knowledge -Based

Smartcards and USBs

Transaction Signing
× 010

Biometrics

ENTRUST
AUTHENTICATION SUITE
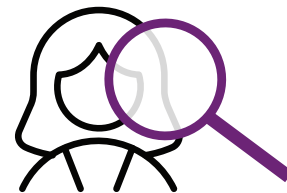OTP and Certificate-based authentication options

One unified IAM portfolio

- Trust the user
- Trust the device
- Provision a credential

- Secure access
- Secure transactions
- Sign transactions

- Monitor user behavior
- Monitor session activity
- Monitor system wide patterns

Establish Trust   **Transact**   **Maintain Trust**

Use cases across employees, customers, partners, and apps

Comprehensive integrations – Flexible deployment models

Flexible deployment, broad capabilities

Entrust Identity can be deployed in the cloud, on-premises, or as a virtual appliance. As well, Entrust works with Managed Service Providers to deliver it as a managed service.

Entrust Identity:

- Complements your existing IT infrastructures and workflows

- Delivers the widest support of VPN cloud and on-premises-based applications

- Provides the option for certificate-based authentication, which also supports the industry's only real high assurance passwordless solution

- Offers a mobile platform with one modern unified app that works across the portfolio

- Provides available out-of-the-box integrations, SAML/OIDC, and APIs

- Includes a mobile developer kit so you can embed authentication directly into your own apps and brand as your own as desired

- Offers access to the industry's largest MDM ecosystem, including Microsoft Intune, MobileIron, Citrix, and VMware AirWatch

- Ensures easy IT implementation and efficient operation with point-and-click provisioning and policy management, and self-service password resets

Mobile-first approach

Entrust Identity applies a unique approach to mobile with a layered model to establish trust in the device and user first before enabling access. Continuous pattern and session monitoring combined with adaptive step-up authentication ensures this trust is maintained over time.

Entrust Identity across the enterprise

Entrust Identity is the IAM portfolio that provides the flexibility and scalability you need to stay ahead of the ever-evolving threat landscape and attain a Zero Trust Framework. Get started with the use cases and deployment model that make sense for you and adjust for future needs.

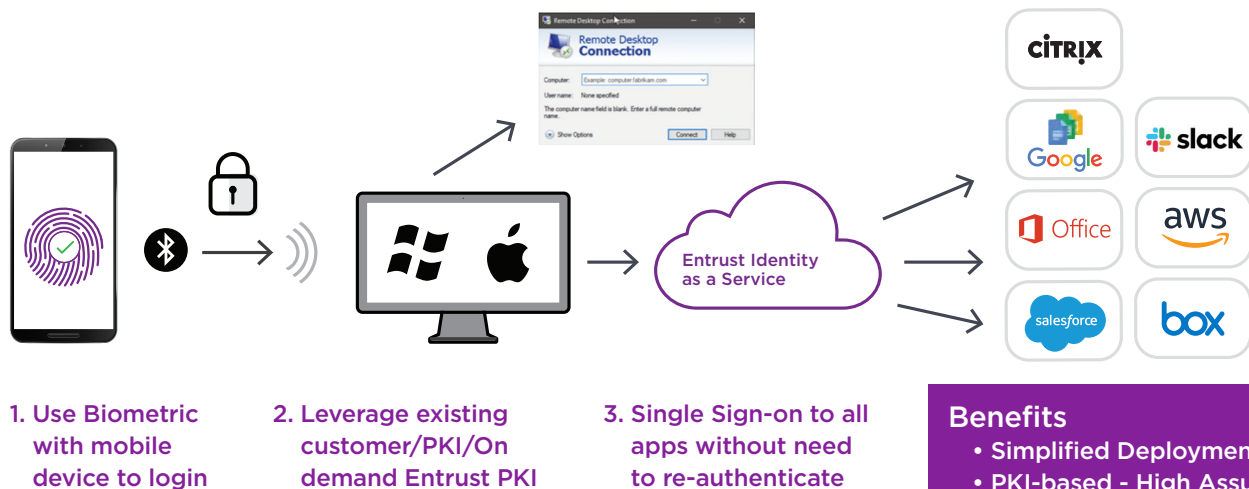## Entrust Identity for a more secure and productive workforce

Entrust Identity covers the spectrum of workforce IAM solutions, from best-in-class MFA and VPN protection for Windows-based environments with Identity Essentials, to high assurance credential-based passwordless authentication that can be deployed on-premises with Identity Enterprise or in the cloud with Identity as a Service.

Entrust Identity for Workforce IAM

	Core Use Cases	Deployment Option
Identity Essentials	Best-in-class MFA for Windows-based organizations; remote access protection (VPN clients, cloud applications, etc.)	On-premises
Identity Enterprise	High assurance credential-based authentication; physical smart card issuance; passwordless access	On-premises Virtual appliance
Identity as a Service	High assurance credential-based authentication; SSO; passwordless access and SSO	Cloud

Spotlight on credential-based/FIDO-compliant passwordless access with SSO

Arguably, the single largest vulnerability facing IT departments today is the employee password. Credential-based passwordless authentication provisions a digital certificate onto the worker's phone, transforming it into their trusted workplace identity. When the phone is unlocked via biometrics, the worker is logged into their workstation and applications when in close proximity and logged out when not. A secure, frictionless experience for all, and no more password resets.

1. Use Biometric with mobile device to login

2. Leverage existing customer/PKI/On demand Entrust PKI

3. Single Sign-on to all apps without need to re-authenticate

Benefits
- Simplified Deployment
- PKI-based - High Assurance
- Ease of Use - Biometric-based
- Email Signing & Encryption

Entrust Identity for Workforce Use Case At-a-glance

Credential-based authentication

Passwordless

Identity Proofing

Adaptive step-up authentication

Single sign-on

Multi-factor authentifation

Proven integrations MDM, VPN

Flexible deployment model

WORKFORCE IAM WITH ENTRUST IDENTITY

- Realize a Zero Trust framework

- Secure digital workforce identities

- Increase workforce productivity

- Reduce total cost of ownership

- Manage security, risk, and compliance

- Implement, manage, and scale easily

Entrust Identity for secure, frictionless consumer and citizen communications

Digital transformation is accelerating. The ability to communicate and transact with consumers and citizens is no longer a nice-to-have, but a must-have. Hackers are taking note, with identity fraud forecast to top $6T next year.[1] Entrust Identity is rated No. 1 in consumer authentication by analyst firm Kuppinger Cole. We deliver secure portals, best-in-class MFA, adaptive step-up authentication, and identity proofing either on-premises with Identity Enterprise, or in the cloud with Identity as a Service. As well, we support passwordless options for consumers using smart phone biometrics or FIDO tokens with BYOD.

[1] Source: Cybersecurity Ventures 2019 Official Annual Cybercrime Report

Entrust Identity for Consumer/Citizen IAM

|	Core Use Cases	Deployment Option
Identity Enterprise	Secure portals; MFA; adaptive step-up authentication	On-premises Virtual appliance
Identity as a Service	Secure portals; MFA; adaptive step-up authentication; identity proofing	Cloud

Spotlight on identity proofing

Traditional authentication methods still require a physical trip to the bank branch or passport office or similar venue, where a manual credential and identity check is performed. Not only is this a source of user inconvenience and frustration, but these manual checks are also time-consuming and woefully inadequate for today's sophisticated cyber criminals. Entrust's Identity Proofing supports fully digital identity verification for customers, citizens, patients, students, and others.

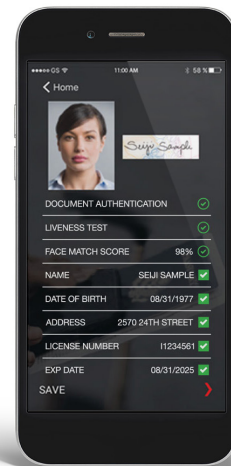# Secure Self-Service Identity Verification using Client's Mobile Phone
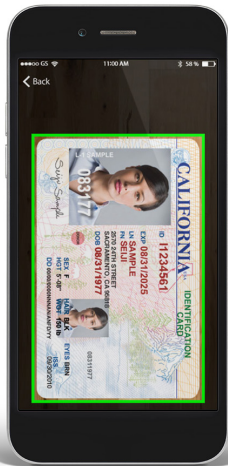
Capture and Classify
World-class patented image capture that automatically crops and detects document type, region, and prevents glare.
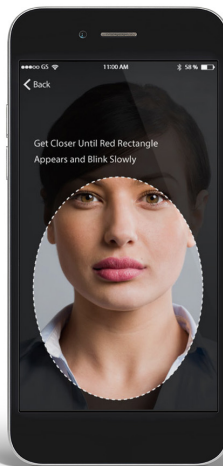
Facial Recognition
Two classes of facial recognition and liveness tests.

Authentication
Accurate data population with 50+ forensic tests run in seconds in the same seamless process

Entrust Identity Consumer Use Case At-a-glance

Identity Proofing

Secure portals

Transaction confirmation & non-repudiation

Adaptive risk-based authentication

Multi-factor authentication

OTS integrations, SAML, APIs, and developer toolkit

CONSUMER / CITIZEN IAM WITH ENTRUST IDENTITY

- Secure consumer identities
- Limit consumer friction
- Streamline client acquisition and onboarding
- Decrease fraud risk – use transaction contents for risk evaluation
- Facilitate compliance

THE ENTRUST DIFFERENCE

A leader in IAM

With 25+ years of digital identity expertise and 50+ years of security innovation, Entrust is an identity and access management leader. Our high assurance solutions are proven with Fortune 500s and governments and are deployed by 10K+ customers around the globe. Entrust Identity secures digital identities and corporate assets, while also improving workforce productivity and removing friction for consumers and citizens.

- Banking
- Government
- Healthcare
- Insurance
- Retail
- Education

For more information

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ABOUT ENTRUST CORPORATION

Entrust secures a rapidly changing world by enabling trusted identities, payments, and data protection. Today more than ever, people demand seamless, secure experiences, whether they're crossing borders, making a purchase, accessing e-government services, or logging into corporate networks. Entrust offers an unmatched breadth of digital security and credential issuance solutions at the very heart of all these interactions. With more than 2,500 colleagues, a network of global partners, and customers in over 150 countries, it's no wonder the world's most entrusted organizations trust us.

Learn more at
entrust.com

ENTRUST

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