CROSSMATCH™

The world identifies with us.℠

START

IDENTITY
User Verifies Identity

ENROLLMENT
Create User Credentials

ROLE-BASED CREDENTIAL MANAGEMENT

SINGLE SIGN-ON (SSO)

MULTI-FACTOR AUTHENTICATION

SELF-SERVICE PW RECOVERY

COMPLIANCE AND REPORTING

DigitalPersona® Altus

Strong Multi-Factor Authentication

END

IDENTITY
Identity Released

DE-PROVISIONING

Increase Security and Reduce Fraud

Secure Policy Driven Authentication

Support Regulatory Compliance

Improve Productivity & Efficiency

Reduce Costs

Altus: Secure Multi-factor Authentication

The Crossmatch™ DigitalPersona® Altus Solution empowers businesses to CREATE, CONFIRM and CONTROL non-repudiable biometric identities, enabling strong multi-factor authentication, simplified Single Sign-on and centralized management.

Increase Security and Reduce Fraud

Multi-factor authentication incorporating biometrics ensures the physical presence of the identified person, while making it virtually impossible to share access credentials.

Centralized Control for IT

IT managers use familiar Active Directory tools to centrally control security policies and authentication events.

Support Regulatory Compliance

The ability to use multiple factors and create complex passwords that users do not have to remember assists with meeting compliance mandates. Event logs provide audit trails of who accessed what, when.

Eliminate Forgotten Passwords & Boost Productivity

Easy to use. Users simply scan a finger instead of remembering and entering complex passwords. Increases productivity.

Reduce IT Support Costs

The average cost of a password-related IT support call is $70 (USD). Altus significantly reduces the frequency of these types of calls.

The Power of
Altus Authentication

Something you HAVE

Smart cards or Bluetooth devices

Something you KNOW

PIN, password or OTP

Something you ARE

Biometrics

Altus Architecture

Altus provides a flexible, scalable and secure architecture that allows businesses to deploy strong multi-factor authentication incorporating SSO.
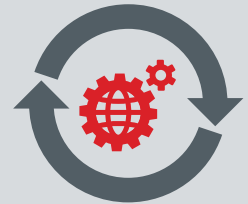
CREATE

Altus generates a unique user identity and links this to your authentication credential.

CONFIRM

Altus enables Single Sign-on (SSO) to confirm and verify a user — the user can then access network resources and applications.

CONTROL

Altus controls access to network resources and applications.

Altus Authentication Workflow

Password Manager controls the traditional log-in screen. The ability to manually input a user ID and password can be disabled so that the Altus solution is now managing a randomized complex password.

Users complete multi-factor authentication. The user provides their assigned credential, such as a fingerprint, card, PIN or OTP to rapidly complete authentication.

Altus completes application log-in. Once authenticated by the Altus server, the user's credentials are automatically populated to complete the login process. This approach can replace weak passwords with complex randomized passwords. Using the Altus SDK, passwords can be replaced entirely.

Flexible Client & Server Architecture

Altus offers two options for the authentication server:
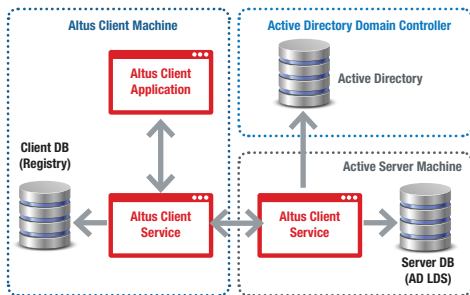
Altus Lightweight Directory Service (LDS)

- Users with or without an AD account (employees, contractors, citizens or suppliers)

- Requires Altus LDS authentication server — minimum of two for load balancing and redundancy

- Administration via AD administration tools, LDS administration tools and scripts

- Scaling and load balancing configured during deployment; LDS includes built-in replication
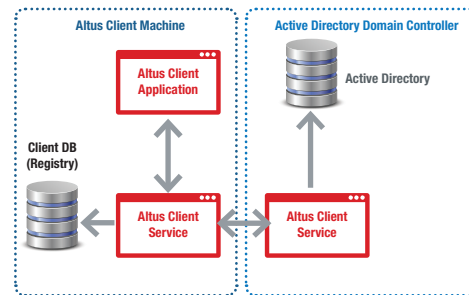
Altus Active Directory (AD)

- Employees with an Active Directory account

- Leverages existing IT infrastructure and AD administration tools

- Requires extension of AD database schema; must run Altus authentication server on the AD Domain Controller (DC)

- Scaling and load balancing leverages existing AD DCs and Microsoft AD redundancy and load balancing

Your Trusted Solutions Partner — Comprehensive Identity Expertise

Crossmatch offers a proven methodology designed to achieve your specific objectives. Our experts are available to provide support throughout the process:

ASSESS
Evaluate your environment, challenges and needs.

DESIGN
Professional services to integrate with your infrastructure.

DEPLOY
Fast installation that minimizes downtime and costs.

SUPPORT
Ongoing optimization to adapt to evolving needs.

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