AccessMatrix Universal Authentication Server (UAS) ePin Mailer

A versatile authentication server enables organizations to deliver electronic pin mailers to end users improving user experience with immediate turnaround.

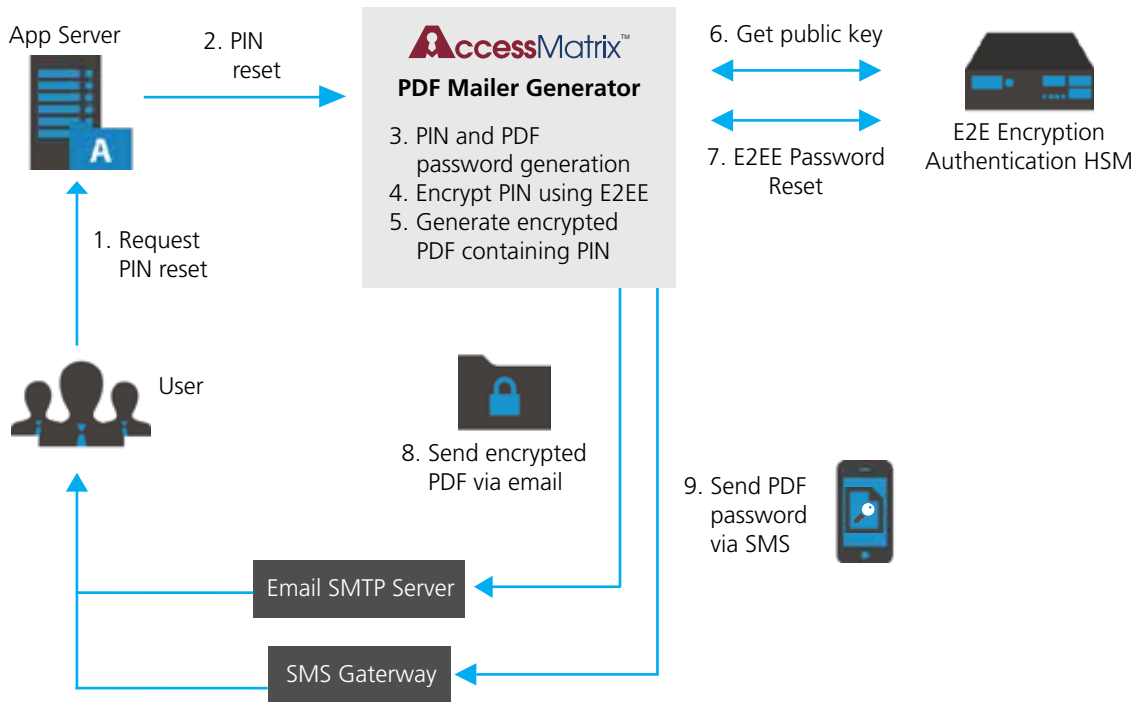The following processes are performed within the authentication server:

- Data Merging and Document Generation
- PIN and Password Generation
- PIN and Mailer Document Encryption
- Integration to HSM for Password Protection at Rest

Features:

- Provide fine grain and configurable authentication policy
  - Login Policy, Password Expiry Policy and Password Quality Policy
- HSM Integration to provide strong key management, secure generation and encryption of user credentials

Key Benefits:

- Quick Turnaround Time
  - Encrypted PDF-based ePin Mailer allows user to receive their initial/ generated password within minutes, unlike physical and hard-copy mail
- Cost-saving
  - Eliminates the need for hard copy ePin Mailer: paper, printing and postage cost
- Dual Channel Delivery
  - Encrypted PDF and password are sent via separate channels reducing possibility of potential tampering during transit

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Diagram labels

App Server

2. PIN reset

AccessMatrix™

PDF Mailer Generator

3. PIN and PDF password generation
4. Encrypt PIN using E2EE
5. Generate encrypted PDF containing PIN

6. Get public key

E2E Encryption Authentication HSM

7. E2EE Password Reset

1. Request PIN reset

User

8. Send encrypted PDF via email

9. Send PDF password via SMS

Email SMTP Server

SMS Gaterway

System Requirements:

- Server OS: MS Windows 2012 R2, 2016 and 2019, Redhat Enterprise Linux 7.x and 8.x, Ubuntu Server 18.04
- Java Runtime: JRE 11 LTS
- Database for Policy Store: MS SQL Server, Oracle RDBMS and Oracle MySQL
- External User Store: Active Directory, LDAP v3 compliant directories and JDBC compatible databases
- Mobile Platforms Supported: iOS, Android and Windows Mobile

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