



UAS Out-of-Band One Time Password is designed for easy integration with existing applications without having to synchronize user information

AccessMatrix™ Universal Authentication Server (UAS) is a versatile authentication server which enables organizations to unify their different authentication mechanisms and simplify integration complexities by providing off-the-shelf strong authentication modules for common applications.

AccessMatrix™ Out-of-Band (OOB) One Time Password (OTP) Module provides a secure authentication solution by using two separate channels to authenticate a user. This solution delivers an OTP to users via GSM Short Message Service (SMS), email, IVR or any message delivery mechanism which is different from the channel that the users interact with the applications. When a user tries to access a website, an OTP will be sent to his mobile phone via SMS or email which has been determined by the user in advance. Mobile devices can now become security tokens to receive OTPs that will strengthen the existing ID/Password authentication and authorization process.

The complexity (length and format) and expiration of the generated OTP can be configured to comply with security policies of the organization.

Key Benefits:

- Rapid deployment of strong OTP authentication solution via the AccessMatrix™ UAS flexible integration framework and granular security policies
- Enhance security with OOB authentication to mitigate phishing attacks
- Leverage HSM hardware to provide the advance OTP generation and comparison options
- Maximize ROI by reducing implementation costs and project risks by deploying a proven security solution with solid track records
- Ensure compliance with powerful reporting capabilities to report user activities and security violations

1

**Access Request**

User initiates a login or transaction

2

**OTP Generated**

User identified by authentication server and OTP generated

3



OTP Sent to OOB Channels via SMS, email, IVR call or other message delivery mechanism

4



User receives OTP and can login

5

**Authentication Complete**

ID/ password authentication and authorization process strengthened

Features:

- Flexible OTP policies
- Audit Trail
- Multiple Delivery Mechanisms
- Flexible integration SDKs
- Native Integration
- Key Management & Crypto Processing
- Operational Standard- Meet the most stringent service level and operational requirements for large-scale deployments.

System Requirements:

- Server OS: MS Windows 2019 and 2022, Red Hat Enterprise Linux 9.0
- Java Runtime: JRE 17 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
- FIPS Certified HSM

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