



E-Lock Adaptive MFA

AI-Powered Adaptive
Multi-Factor Authentication



E-Lock IAM

E-Lock IAM Identity and Access Management

Authentication, Authorization, Federated identity, Identity Management and Policy Decisions

**Identity
Management**

**Strong
Authentication**

**Access
Management**

**Directory
Service**

Open Web Standards

Single sign-on (SSO)

Identity federation

Multi-step authentication

Custom workflows

Multi-factor authentication

Central policy management

Stepped-up authentication

User consent management



SCIM





E-Lock MFA

E-Lock MFA Multi-factor Authentication

Fully configurable authentication flow for your business and security requirements

**User
Enrollment**

**Credential
Management**

**Account
Lockout**

**Password
Reset**

Multiple Authentication Mechanisms

Email / SMS OTP

App-based OTP

FIDO 2.0

U2F

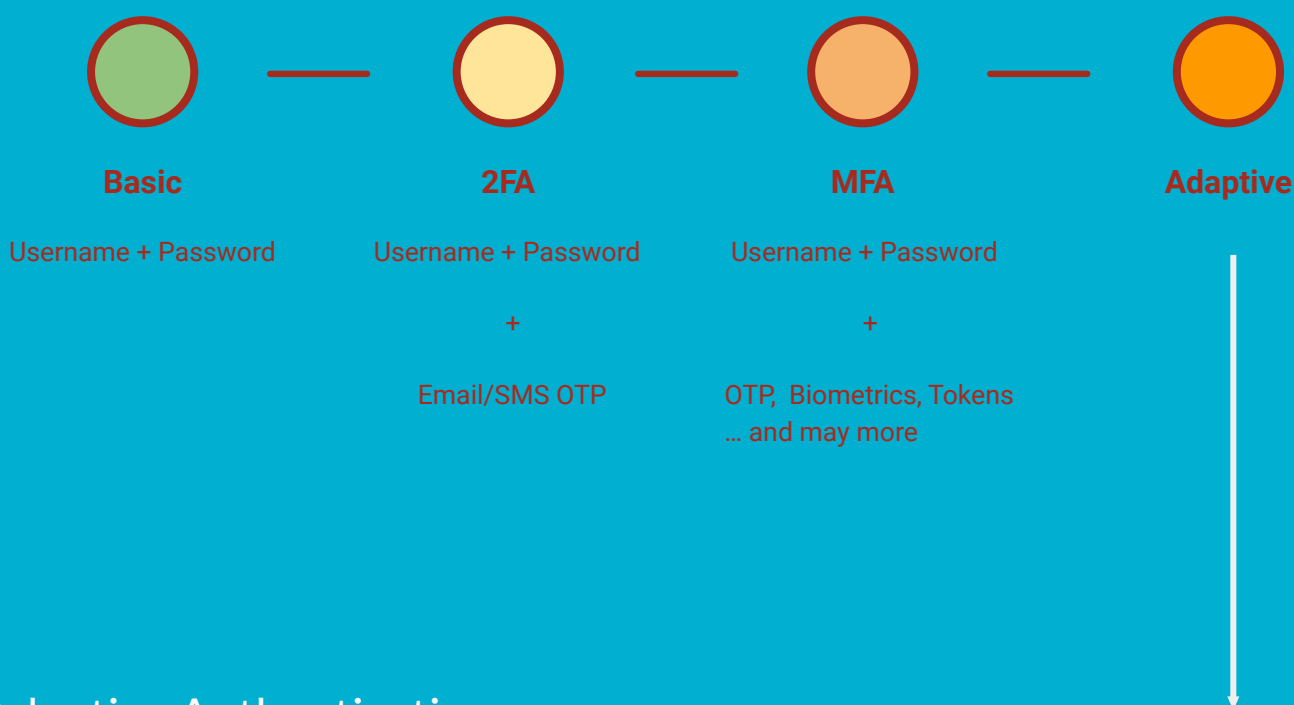
Certificate Authentication

Fingerprint Recognition

Present a customized multi-step, multi-factor authentication flow based on the user, pre-configured policy and situational factors

Authentication is evolving

Authentication has come a long way from just username and passwords. Two-factor authentication (2FA) is almost everywhere, Multi-factor Authentication (MFA) has become integral to enterprise security and now Adaptive Authentication is the talk of the town.



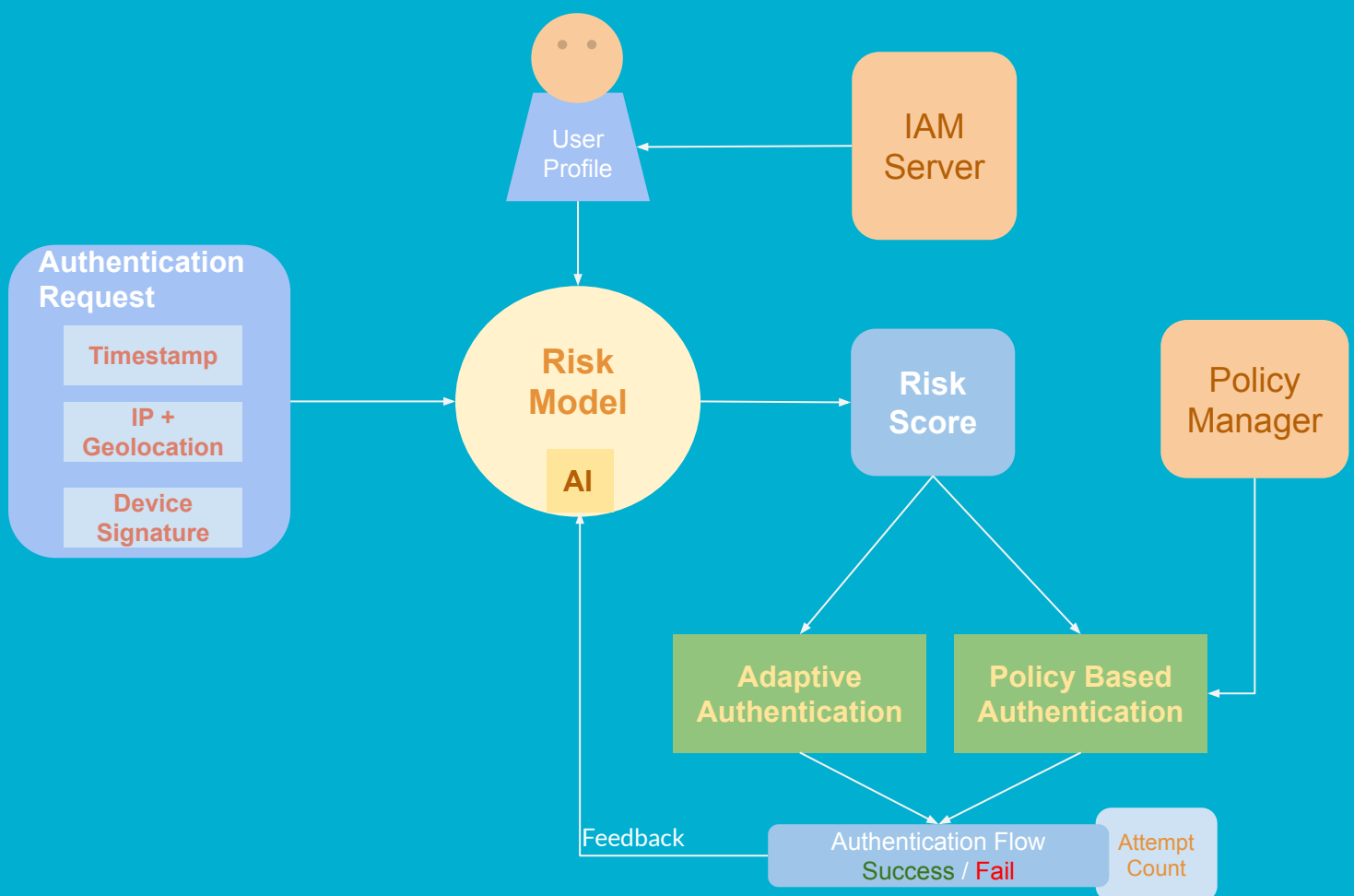
Adaptive Authentication

Just basic authentication is not enough anymore. With MFA, how many factors will be enough? and should we invoke them all, all the time and for all users? User experience certainly takes a hit. Adaptive authentication brings balance and automation.

E-Lock AMFA

E-Lock Adaptive MFA AI-Powered Adaptive Multi-factor Authentication

Analyses user risk profile and automatically adapts the types and flow of authentication factors



E-lock Adaptive MFA achieves the right balance. Analyses user risk profiles and invokes the right number and types of authentication factors. Reduces friction with low-value assets. Protects high value assets all while maintaining a positive user experience.



E-Lock AMFA Building Blocks

E-Lock IAM Server

Provides all the functionalities of a authentication server. Manage identities and access. Implement basic authentication, 2FA, SSO and much more.

E-Lock MFA

Create a custom flows based on different business requirements. Select multiple ready-to-use authentication factors beyond basic authentication.

E-Lock Policy Manager

Configure policies based on users, groups and particular assets.

E-Lock Risk Score

A central metric that evaluates a risk associated with each authentication attempt based on numerous context parameters such as time, location and device signature. Our AI-powered anomaly detection and classification techniques assign a risk score. This risk score could be combined with both policy-based authentication or to directly drive E-lock Adaptive authentication.

E-Lock Device Signature

A device registration, identification, remembering and tracking mechanism to allow safer access from anywhere both for devices issued by organizations and BYOD.

About E-Lock

E-Lock's PKI-based solutions have made digital signatures popular in common business applications and web-based transactions. E-Lock's untiring efforts have made it possible for organizations, Governments and individual customers worldwide to secure and streamline their business processes.

Compliance with the global standards for digital signatures has allowed E-Lock to serve Organizations in more than 30 different countries, spanning several industries, effectively and efficiently.

This has resulted in massive customer base for E-Lock in countries like the US, the UK, Australia, Greece, Spain, Hong Kong, Peru, Romania, Kuwait, Portugal, South Africa, Singapore, Lithuania, India, Malaysia, and many more. E-Lock has catered to government, health care, BFSI, manufacturing and other industries.



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