MIMOS Unified Authentication Platform (Mi-UAP)

Organisations with multiple enterprise systems require optimised and centralised multi-factor authentication with single sign-on capabilities across a wide variety of business units and functions. MIMOS Mi-UAP simplifies the complexity of managing multiple user IDs with seamless identity management using a trust model approach.

Overview

MIMOS Mi-UAP addresses problems related to the increase of operational risks attributed to users and system administrators who control and provide cross-application functionalities in heterogeneous applications by offering knowledge-based and token-based authentication with centralised user management.

Mi-UAP is designed to manage front-end application authentication using an established protocol, Secure Assertion Markup Language (SAML), which provides a centralised authentication framework and aims to reduce significant application changes at the back-end.

Features

Mi-UAP comprises the following features:

■ **Trust Model Approach**
The required trust level for an organisation can be defined and handled by a central application while Mi-UAP evaluates user trust level based on authentication methods used and usage profile (time, location, browser and device type).

■ **Single Sign-On/Single Sign-Off (SSO)**
To allow users to operate in a seamless environment, SSO denotes that a user can simply access large-scale enterprise applications without multiple logins; access is provided seamlessly after the first login.

■ **Adaptive Authentication and Threat Response**
Users are required to provide additional authentication to meet required application trust levels, and new authentication methods can be added without modifying existing applications.

■ **Authentication as a Service**
Mi-UAP provides the necessary technology to offer Authentication as a Service in a cloud environment.

Technology Benefits

The main impacts of Mi-UAP are:

■ **Containment of Operational Risks**
Identification of usage and activities can be centrally tracked and traced without multiple passwords and complex password management policies.

■ **Amplified Productivity**
Cross-functional features enable stakeholders to benefit enterprise-wide from system owners, to system administrators, to system developers and system users.

■ **Reduced Cost via Centralised Authentication**
Minimised multiple changes result in lesser impact and reduced cost with the centrally-managed platform.

Technology Summary

Mi-UAP
A multi-factor authentication platform with web-based single sign-on to manage user authentication profiles.
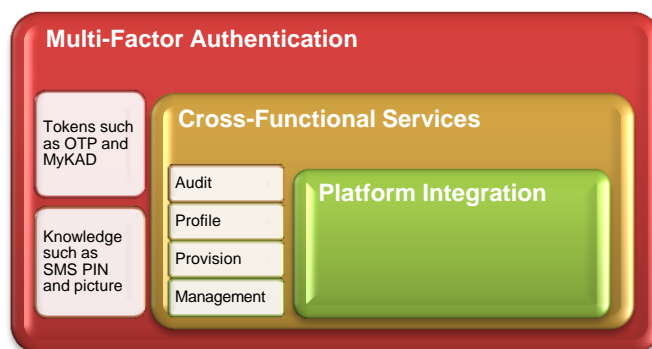**Industries**: Government, Healthcare, Education, Enterprise

Features
■ Trust model approach
■ Single sign-on/single sign-off (SSO)
■ Adaptive authentication and threat response
■ Authentication as a Service

Technology Benefits
■ Containment of operational risks
■ Amplified productivity
■ Reduced cost via centralised authentication

MIMOS Mi-UAP system architecture

System Requirements

Mi-UAP	
Host Server Requirements	
Processor	Quad-Core
Memory	Minimum 8GB of memory
Disk Storage	Minimum 80GB of hard disk space
Operating System	Ubuntu 12.04 LTS
Virtual Machine Requirements	
Processor	Dual-Core
Memory	Minimum 4GB of memory
Disk Storage	Minimum 10GB of hard disk space
Operating System	Ubuntu® 12.04 LTS
Server/Gateway Requirements	
LDAP Server	Authentication Gateway
Registration Server	OTP Server
Authentication Server	

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