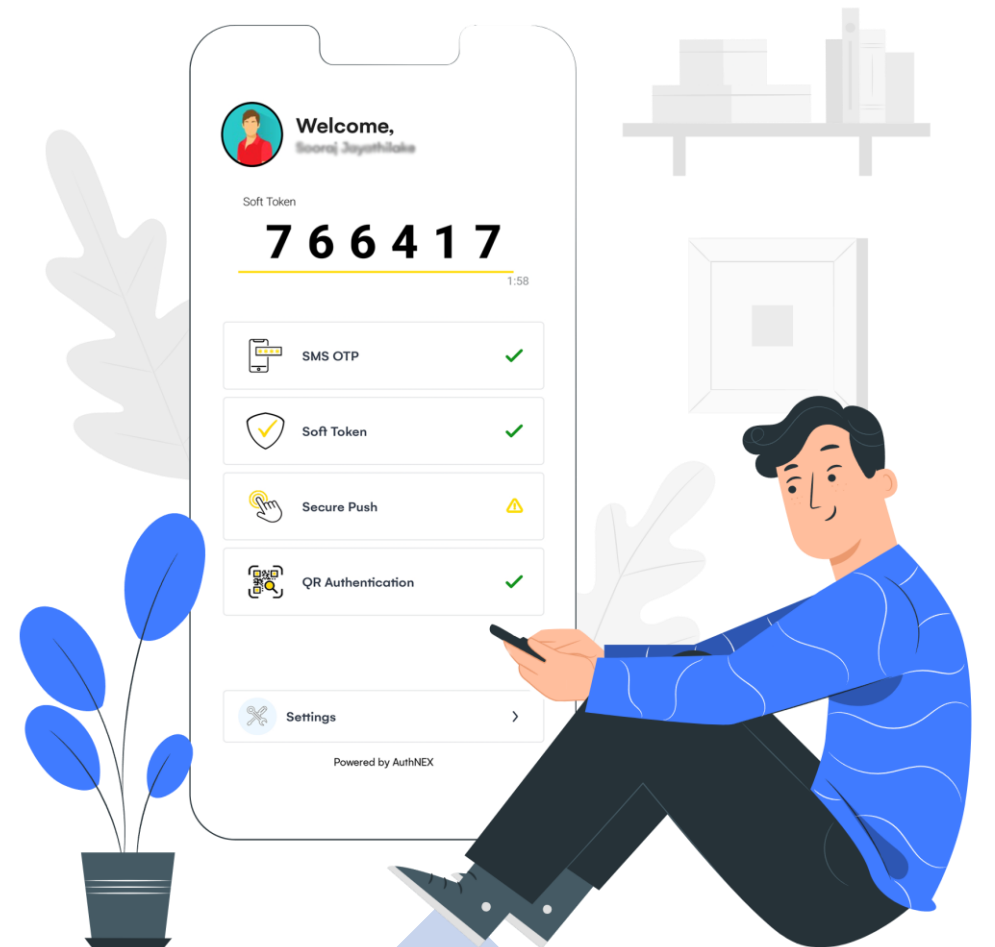# AuNEX

# MFA MADE PRACTICAL

Are you ready to upgrade your security and enjoy the benefits of mobile app-based authentication? Join us in shaping a safer digital world. Embrace **AuNEX** and take the first step toward secure, convenient, and trustworthy authentication. Stay ahead of cyber threats. Choose **AuNEX**.
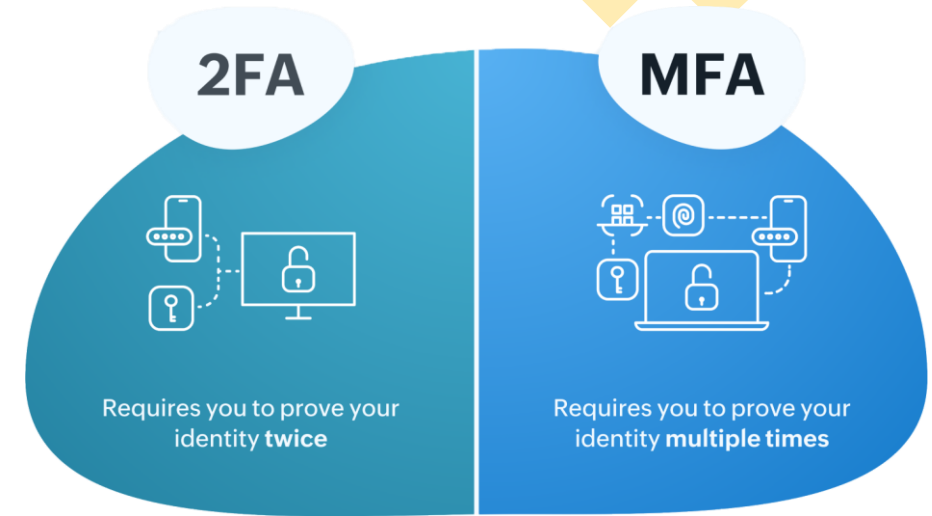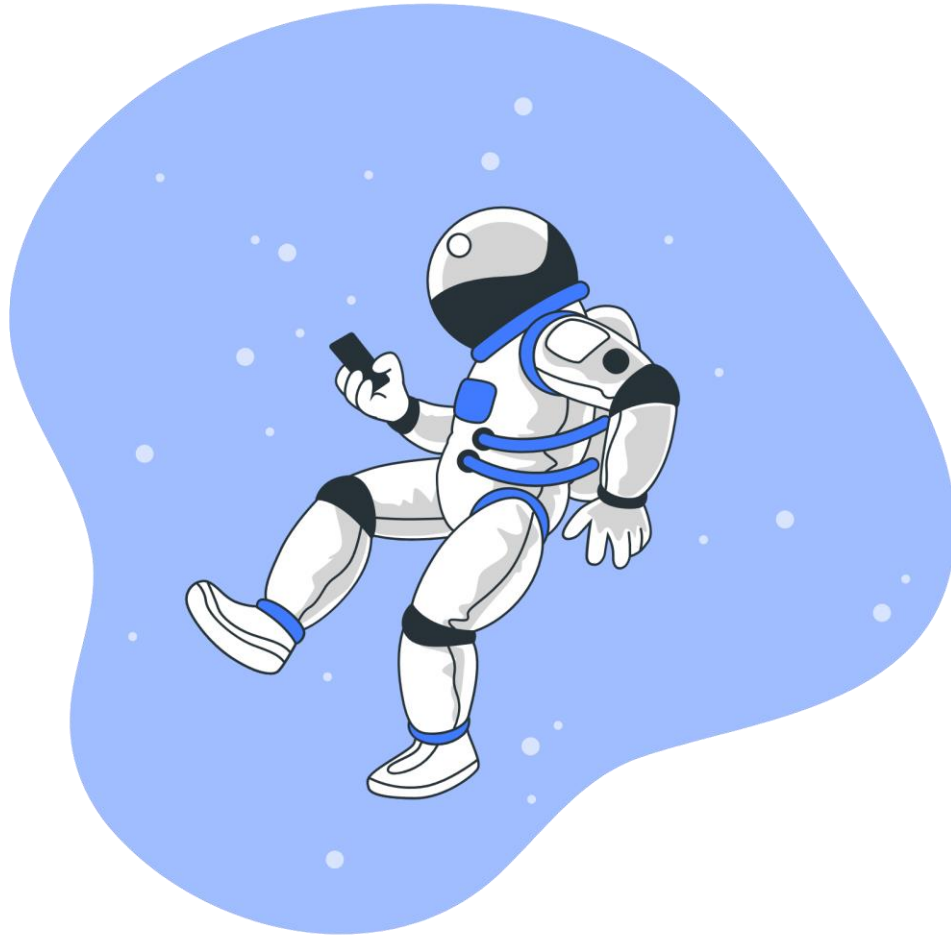
# What is MFA

**Multi-factor Authentication** (MFA) is an authentication method that requires the user to provide **two or more verification factors** to gain access to a resource.

The main benefit of MFA is it will enhance your organization's security by requiring your users to identify themselves by **more than a username and password**. While important, usernames and passwords are vulnerable to brute force attacks and can be stolen by third parties.

Enforcing the use of an MFA factor like a **thumbprint** or **Secure Tokens** means increased confidence that your organization will stay safe from cyber criminals.



2FA
Requires you to prove your identity twice

MFA
Requires you to prove your identity multiple times

# Solution ?

Introducing **AuNEX**, the only high security Multi Factor Authenticator solution available in Sri Lanka.

**AuNEX**

# INTRODUCING AUNEX

**AuNEX** is designed to secure your digital identity just the way you want it. With several authentication methods, including **OTP**, **Secure Push**, **Soft Tokens**, and **QR Codes**, AuNEX puts the power of choice in your hands.
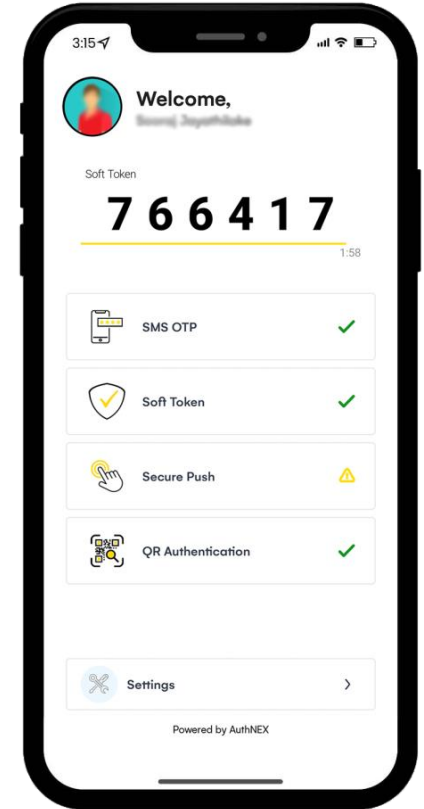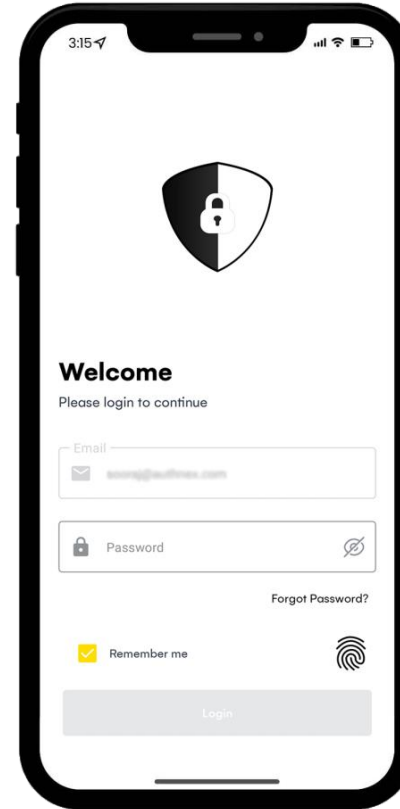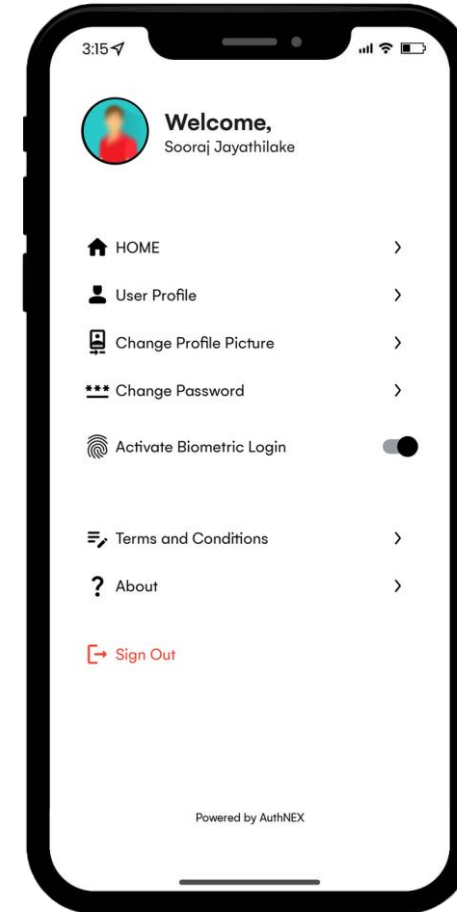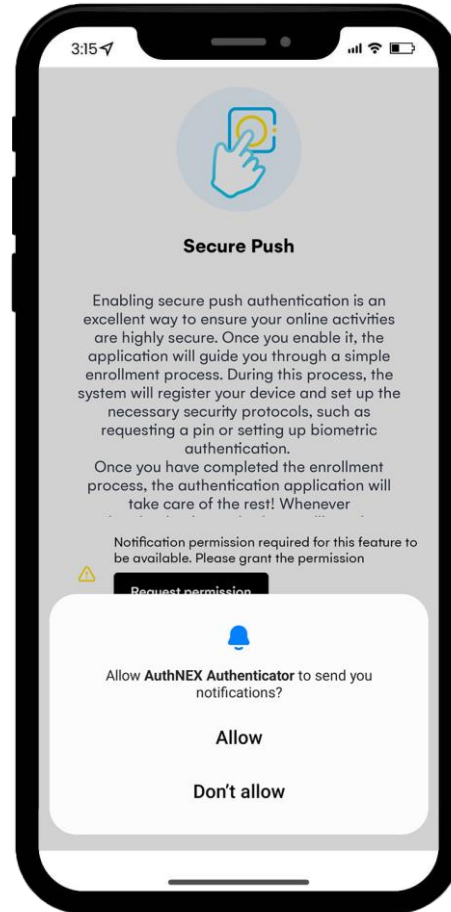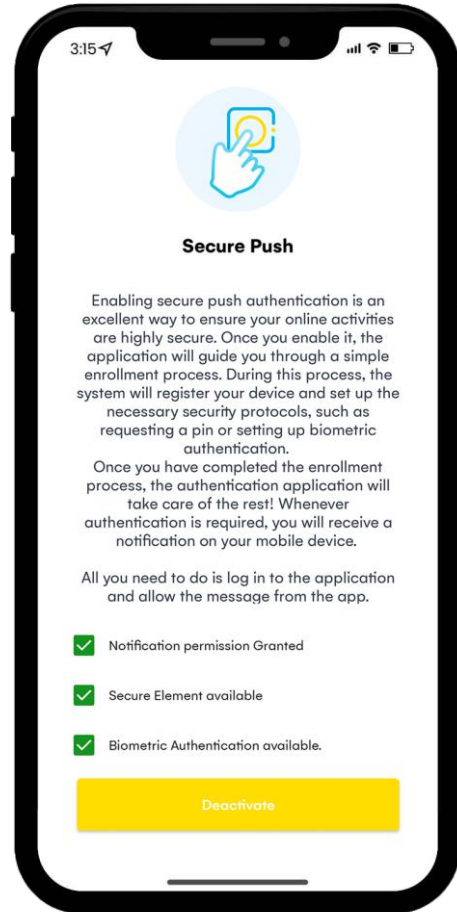
# THE AUNEX MFA APPLICATION
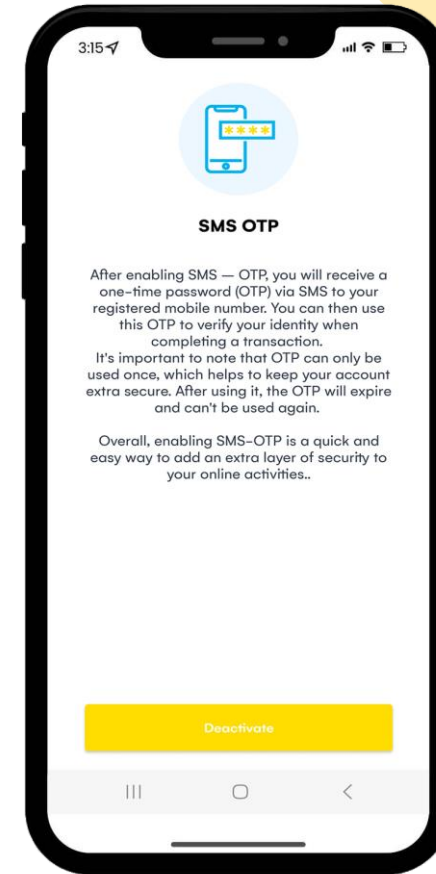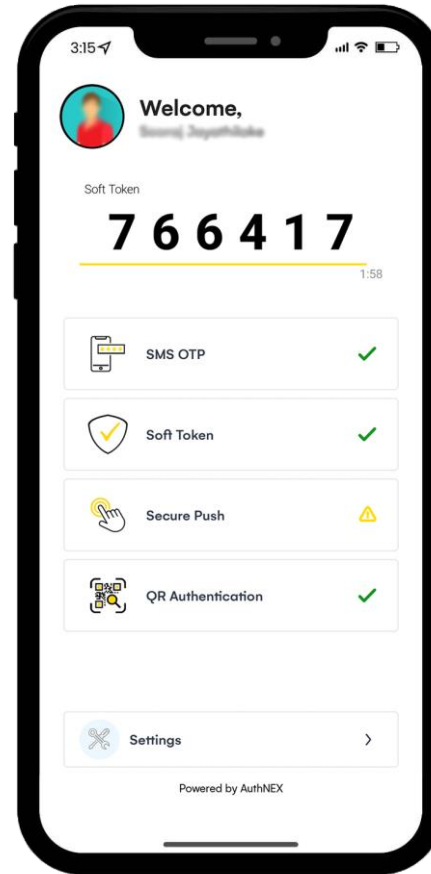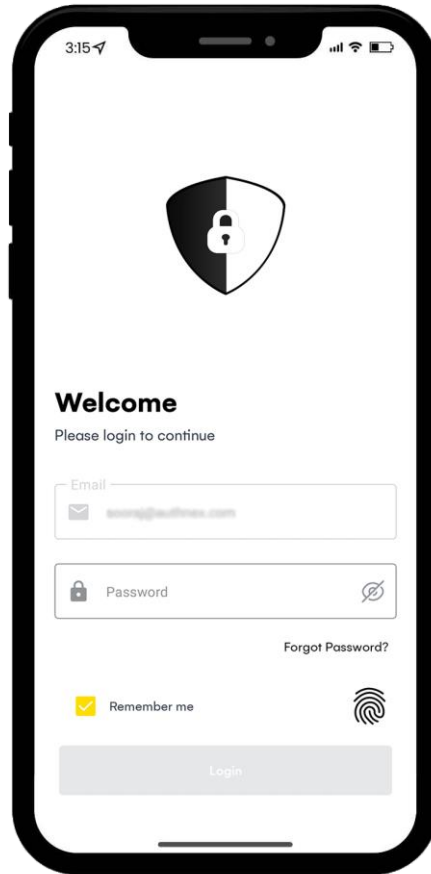


**AuNEX** offers a **tailored** authentication experience, allowing you to **mix and match methods** based on your preferences, you're **in control**.

# THE AUNEX MFA APPLICATION



**AuNEX** is user-friendly, plus, it **seamlessly integrates** across various **platforms**.

# INNOVATIVE SECURITY BEHIND THE SCENE



PUSH SERVICE

Challenge

Request

CERTINEX SDK

CERTINEX API
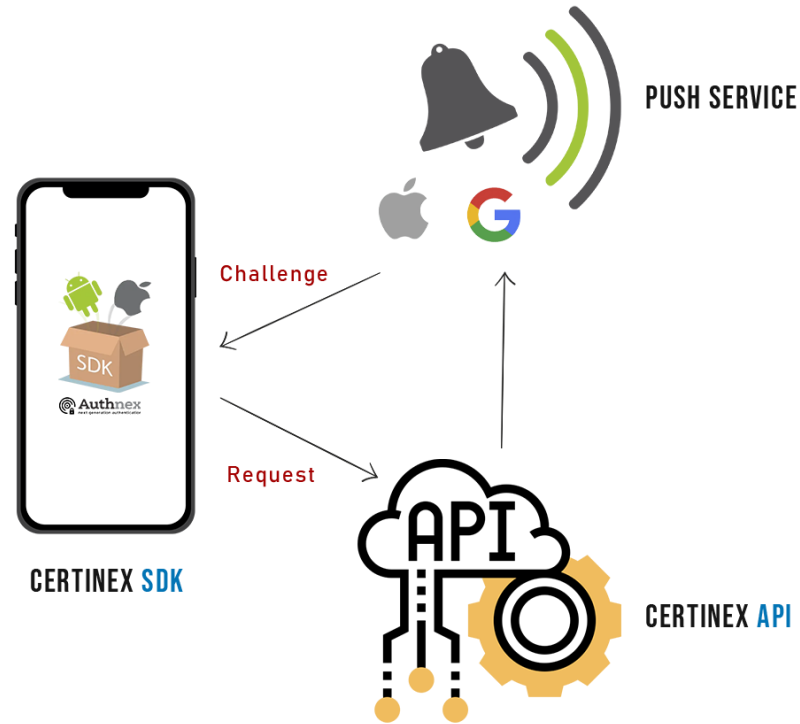
While securing data from inside the mobile,
**AuNEX** uses our **own inventive mechanism**, the dual **channel authentication** to verify the identity of the device.
Preventing unidentified devices from penetrating the system.

**Dual Channel Authentication**

# INCORPORATING WORLD CLASS SECURITY

## API & Communication

🔑 **JWT Tokens**

▭✓⊙ **Token Based Authorizations**
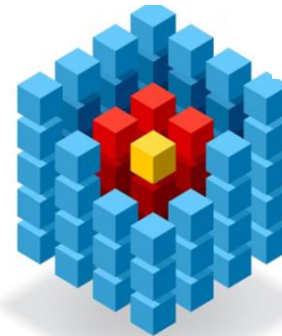
🛡 **Hybrid Cryptosystem**

🔒 **Scope Level Authorization**

📊 **Logging & Monitoring**

📜 **Digital Certificate**

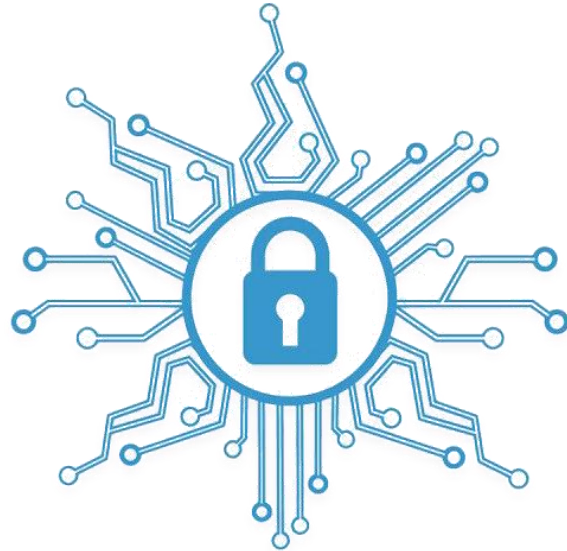@ **AuNEX** API Request/Response Body

🟨 JWT Payload
🟥 Signed Payload
🟦 Encrypted Payload

All **API communications** are **tokenized** according to the JWT standards
And **signed** and **encrypted** to prevent any interception

In a world where cyber threats are becoming increasingly sophisticated, relying solely on passwords for authentication is no longer enough. **AuNEX** offers a comprehensive solution that combines the power of mobile app-based authentication with Multi-Factor Authentication (MFA), ensuring your digital identity and sensitive information remain safe from unauthorized access.