

# Multi-Factor Authentication

Designed to protect your username and password from phishing attacks and hackers.

Multi-Factor Authentication (MFA), or Two-Factor Authentication (2FA) is a security measure designed to protect your username and password from being compromised.

You may have come across MFA when accessing an online service or website. First-factor authentication is your username and password. Second-factor authentication could be a code from Authentication App, SMS, SMS, email or biometrics.

#### How it works



- 1. Enter username and password
- 2. Use your registered device to verify your identity
- 3. You are now securely logged in

We recommend Duo, as it offers great protection and can be rolled out on servers, computers and mobile devices, protecting your entire IT estate.

"Duo Mobile has been named the best two-factor authentication (2FA) app by the New York Times Wirecutter."

Source: https://www.nytimes.com/wirecutter/reviews/best-two-factor-authentication-app/

#### What does Duo include?

Duo setup can be tailored to individual business needs, features include:

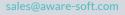
- MFA
- Single Sign-On
- Passwordless Authentication (Duo Mobile)
- Trusted Endpoints Verification

- Device Visibility
- Authorised Networks
- Unlimited Application Integrations
- User Group Policies













## Why should I protect my business using MFA?

Considering the increasing frequency of data breaches and cyberattacks, using MFA is an essential and effective way to safeguard your online presence. MFA significantly enhances the security of your online business accounts. Protecting your accounts with an additional layer of security ultimately provides peace of mind.

#### Other Duo benefits are:



**Enhanced Security:** MFA adds an extra layer of protection beyond just a password. Even if someone gets hold of your password, they won't be able to access your account without the second-factor.



Mitigates Password Vulnerabilities: Passwords can be compromised through various means like phishing, data breaches, or guessing. MFA makes it infinitely harder for attackers to gain access, even if they have your password.



**Defence Against Phishing:** Even if you accidentally fall for a phishing scam and enter your password on a fake site, attackers won't be able to access your account without the second-factor.



Prevents Account Takeover: MFA helps prevent unauthorised individuals from taking over your accounts, which could lead to identity theft, unauthorised transactions, or misuse of your accounts.



Protects Against Unauthorised Access: If someone steals your login credentials, they won't be able to access your account without the second-factor. This is particularly crucial for accounts containing sensitive information, such as email, financial and work-related accounts.



**Secures Personal Information:** Online accounts often contain personal and sensitive information. MFA helps ensure that this information remains private and protected.

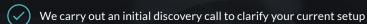


Compliance and Regulations: In certain industries, using MFA is required for compliance with security regulations and standards.



Added Layer for Online Payments: For accounts associated with online payments, MFA adds an extra layer of verification to prevent unauthorised transactions.

# How ASL can help strengthen your security



Demonstrate how Duo can provide multiple layers of protection

We can provide consultation and a plan of action for all your end-points

Setup Duo for your users and provide training

## How much does the service cost?

Each business will need a tailored plan to suit their individual requirements. Contact your account manager now for a costed solution.



