OVERVIEW

SECURE AUTHENTICATION

Powerful multi-factor authentication
for safe access to networks and data

Progress. Protected.

What is **multi-factor authentication?**

Multi-factor authentication (MFA), also known as two-factor authentication (2FA), requires two independent pieces of information to verify a user's identity. MFA is much stronger than using a traditional, static password or PIN authentication. By complementing traditional authentication with a dynamic second factor, it effectively reduces the risk of data breaches caused by weak or leaked passwords.

ESET Secure Authentication provides an easy way for businesses of all sizes to implement MFA across commonly utilized systems such as VPNs, Remote Desktop Protocol, Outlook Web Access, operating system login and more.

Digital Security
Progress. Protected.

Prevent data breaches and protect your business assets

Multi-factor authentication can help to offset the risks of 'credential stuffing' - an attack using compromised employee information. This risk is driven by those who:

- Use the same password across several apps and sites
- Share their passwords with others
- Only make minor changes when updating passwords

POOR PASSWORD HYGIENE

Data is one of the most important assets of your company. But employees can put it at risk in many ways. One of the biggest dangers is poor password hygiene. Not only do employees utilize the same password across multiple websites and applications, they sometimes freely share their passwords with friends, family and co-workers. If that isn't a big enough problem, when businesses enforce password policies it usually causes their employees to use variants of their previous password or write their passwords on sticky notes.

A multi-factor authentication solution protects business against poor password hygiene by implementing, on top of the regular password, an additional piece of authentication - e.g. by generating it on the employee's phone.

By having this solution in place, it helps to prevent attackers from gaining access to your systems by guessing weak passwords or exploiting compromised employee credentials.

DATA BREACHES

In today's cybersecurity landscape, an increasing number of data breaches occur every day. One of the most common ways hackers can gain access to your company's data is through weak or stolen passwords gathered via automated bots, phishing, or targeted attacks. In addition to just protecting normal users' logins to critical services, businesses can implement MFA on to all privilege escalations in order to prevent unauthorized administrative access.

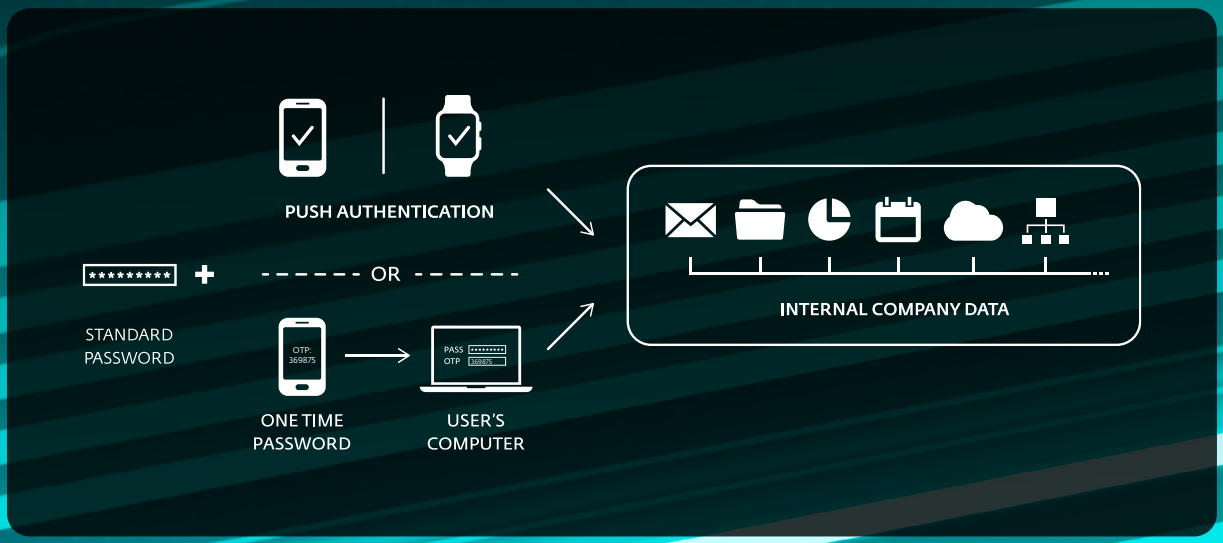
By adding a multi-factor solution, your business will make it much more difficult for hackers to gain access to your systems and ultimately compromise them. The top industries for data breaches are traditionally ones that handle valuable data such as financial, retail, healthcare, and the public sector. However, that does not mean that other industries are safe, just that hackers typically weigh the effort required versus the payoff.

COMPLIANCE

When it comes to compliance, most businesses first need to understand whether they have to meet a compliance target or not. Next, they have to review what measures and recommendations their business must implement in order to comply. When it comes to multi-factor authentication, several regulations such as PCI-DSS and GLBA require that it must be implemented, and many laws, including the GDPR and HIPAA, stress the need for stronger authentication.

Multi-factor authentication is no longer just an option for most businesses that handle credit cards or financial transactions, but rather a required solution. All businesses should examine which laws and regulations apply to them, and ensure that they comply with their requirements.

Authenticate with a single tap, with no need to retype the one-time password.



The ESET difference

PUSH AUTHENTICATION

Enables you to authenticate with a single tap, with no need to retype the one-time password. Works with iOS and Android smartphones.

SAFEGUARD YOUR CLOUD APPS

Add MFA to strengthen access to services such as Google Apps, Dropbox and many others. ESET supports integration via the SAML-2 authentication protocol used by major identity providers.

10-MINUTE SETUP

We've worked hard so you don't have to. We set out to create a solution that even a small business with no IT staff could set up and configure. Whether your business has tens or thousands of users, ESET Secure Authentication, due to its ability to provision multiple users at the same time, keeps setup time to the minimum.

MULTIPLE WAYS TO AUTHENTICATE

No need for special tokens or devices for employees. ESET Secure Authentication works smoothly on smartphones, has its own PIN for added security, and can integrate with the devices' biometrics (Touch ID, Face ID, Android fingerprint) for increased security and better user experience. When required it also supports hardware tokens or FIDO security keys.

NO DEDICATED HARDWARE NEEDED

ESET Secure Authentication resource requirements are minimal – you can use the cloud-based version so you won't need a dedicated server. At the same time, the solution also offers an on-premises deployment alternative.

SEAMLESS INTEGRATION

The solution offers two integration modes – Active Directory integration for organizations using a Windows domain, or standalone mode, which is suitable for those without one. Either way, setup and configuration are quick and easy, all managed seamlessly via a cloud console.

MULTI-TENANCY

The cloud-based version of ESET Secure Authentication has been designed with multi-tenant management capability in place for Managed Service Providers to administer multiple companies or sites, offering the flexibility of defining specific settings for individual groups of users.

SUPPORTED VDIS AND VPNS

VMware Horizon View, Citrix XenApp, Barracuda, Cisco ASA, Citrix Access Gateway, Citrix NetScaler, Check Point Software, Cyberoam, F5 FirePass, Fortinet, FortiGate, Juniper, Palo Alto and SonicWall are all supported. There is also support for custom integration with any RADIUS-based VPN.

FULL API AND SDK INCLUDED

For organizations that want to do even more, we included a full-featured API and SDK that customers can use to extend MFA to the applications or platforms they use – even without a dedicated plugin.

Use cases

Protect multiple sites

PROBLEM

An MSP organization needs to handle several branches or companies with a variety of security polices and setups.

SOLUTION

- ✓ Create each company as a site in the ESET PROTECT Hub portal and assign them a certain share of the ESET Secure Authentication license. When logging into the console again you will see the Companies menu item.
- ✓ Multi-tenancy within the cloud version that does not require any local HW, allows the handling of multi-factor authentication for different companies or branch offices from a single instance.

Prevent data breaches

PROBLEM

Businesses appear in the news every single day to alert their customers that a data breach has occurred.

SOLUTION

- ✓ Protect vulnerable communications such as Remote Desktop Protocol by adding multi-factor authentication.
- ✓ Add multi-factor authentication to all VPNs that are utilized.
- ✓ Require multi-factor authentication in order to log in to devices that contain sensitive data.

Strengthen password protection

PROBLEM

Users tend to employ the same passwords across multiple applications and web services, thus putting businesses at risk.

SOLUTION

- ✓ Restrict access to company resources by leveraging multi-factor authentication.
- ✓ Multi-factor authentication reduces the worry and danger associated with shared or stolen passwords by requiring an additional piece of authentication, such as push-message approval.

Verify user login process

PROBLEM

Businesses utilize shared computers in shared workspaces and require verification on all parties logging in throughout the workday.

SOLUTION

- ✓ Implement multi-factor authentication for desktop logins on all devices in shared workspaces.

Technical features and protected platforms

FEATURE	DETAIL	
MULTI-TENANCY Available only for MSPs in cloud version.	Multiple sites/companies	✓
LOCAL LOGIN PROTECTION	Windows Login	✓
REMOTE LOGIN PROTECTION	Radius Server for VPN Protection	✓
	Remote Desktop	✓
WEB APPLICATION PROTECTION	Microsoft Exchange Server	✓
	Microsoft SharePoint Server	✓
	Remote Desktop Web Access	✓
	Microsoft Dynamics CRM	✓
	Remote Web Access	✓
ACTIVE DIRECTORY FEDERATION SERVICES PROTECTION (AD FS)		✓
IDENTITY PROVIDER CONNECTOR (SAML)		✓
PROXY		✓
API		✓
IP WHITELISTING	Global IP Whitelisting	✓
	Per Feature IP Whitelisting	✓
PROVISIONING	SMS based OTPs	✓
	Mobile Application OTP	✓
	Mobile Application Push Notification	✓
	Hard Token	✓
	FIDO	✓
NOTIFICATIONS	Problem	✓
	Web Console Login	✓
	User Locked	✓
	User Unlocked	✓
	Licenses	✓
THROTTLING	Time-based throttling	✓
AUDIT LOGS AND REPORTS	Report	✓
	Filter	✓
	Export	✓

This is ESET

Proactive defense. Minimize risks with prevention.

Stay one step ahead of known and emerging cyber threats with our AI-native, prevention-first approach. We combine the power of AI and human expertise to make protection easy and effective.

Experience best-in-class protection thanks to our in-house global cyber threat intelligence, compiled and examined for over 30 years, which drives our extensive R&D network led by industry-acclaimed researchers.

ESET PROTECT, our cloud-first XDR cybersecurity platform, combines next-gen prevention, detection, and proactive threat hunting capabilities with a broad variety of security services, including managed detection and response.

Our highly customizable solutions include local support and have minimal impact on performance, identify and neutralize known and emerging threats before they can be executed, support business continuity, and reduce the cost of implementation and management.

ESET protects your business so you can unlock the full potential of technology.

ESET IN NUMBERS

1bn+
protected internet users

400k+
business customers

200
countries and territories

12
global R&D centers

SOME OF OUR CUSTOMERS

MITSUBISHI MOTORS
Drive your Ambition

protected by ESET since 2017
more than 9,000 endpoints

Allianz Suisse

protected by ESET since 2016
more than 4,000 mailboxes

Canon
Canon Marketing Japan Group

protected by ESET since 2016
more than 32,000 endpoints

ISP security partner since 2008
2 million customer base

RECOGNITION

AV comparatives
APPROVED
Business Security
DEC 2023

ESET is a consistent **top-performer in independent tests** by AV-Comparatives and achieves best detection rates with no or minimal false positives.

G2
Leader
SPRING
2024

ESET consistently achieves top rankings on the global G2 user review platform and its solutions are **appreciated by customers worldwide**.

kuppingercole
ANALYSTS

ESET is **recognized as a Market Leader** and an Overall Leader in MDR, according to the KuppingerCole Leadership Compass 2023.