



MAKING REMOTE WORK SECURE FOR SMBs

# Data Protection Essentials: Authentication made simple



# Why is multi-factor authentication essential for remote access

Multi-factor authentication (MFA) solutions require two or more independent pieces of information to verify a user's identity. MFA is much stronger than traditional, static passwords or PIN authentication.



**Over 80% of companies** hold personally identifiable information (PII) on their customers, as well as their own employees.

Source: Data collected from over 27,000 participants – mostly from the European Union (EU) via the compliance check form between November 2017 and May 2018

## Mitigate remote workforce-related risk

The sudden shift to working from home caused by the COVID-19 pandemic, unprecedented in its scale, has strongly highlighted the need to protect access to business-critical systems and systems that process personal data. The exponentially increased number of access attempts calls for appropriate measures that would prevent the remote workforce-related risk. By adding another authentication level on top of the regular username and password, which can be easily compromised, **ESET Secure Authentication significantly improves the security of the company network and data entered from outside.**

## Eliminate poor password hygiene

Weak password practices are a significant cybersecurity risk. Not only do employees utilize identical passwords across multiple websites and applications, they sometimes share their passwords with friends, family and co-workers. Even where businesses enforce password policies, this can lead employees just to use variants of their previous password, or write their passwords on sticky notes.

## Data breaches

One of the most common ways hackers can gain access to your data is through stolen passwords, or a targeted attack. By adding an MFA solution, businesses make it much more difficult for hackers to gain access to their systems. Traditionally, **the top targets** for data breaches are **financial, retail, healthcare and public sector organizations**, but hackers are now targeting other sectors too.

## Compliance

Several compliance regulations mandate MFA, and most stress the need for stronger authentication practices, including GDPR and HIPAA. **Multi-factor authentication is no longer an optional solution.** Regulation agencies such as ENISA strongly recommend it for businesses that handle credit cards or financial transactions. All organizations should evaluate their compliance.

# Implementing multi-factor authentication

ESET Secure Authentication provides an easy way to implement MFA across commonly utilized systems such as VPNs, Remote Desktop, Office 365, Outlook Web Access, operating system login, and more.



**80%** of hacking-related breaches involve compromised and weak credentials.

Source: Verizon 2017 Data Breach Investigations Report, 10th Edition

## HOW EASY IS IT FOR THE ADMIN?

- ✓ Easy setup in few minutes
- ✓ No employee training required
- ✓ Completely intuitive remote management
- ✓ No additional infrastructure costs
- ✓ Supports numerous VPNs and cloud services

## HOW EASY IS IT FOR YOUR USERS?

- ✓ No need for ever more complex passwords
- ✓ Works with any smartphone
- ✓ Single-tap solution, no need to retype passwords
- ✓ No additional HW tokens needed
- ✓ Extremely easy to use

# Using ESET Secure Authentication on the ever-increasing number of devices and environments

## USER'S PART



**1**  
Protect access to the employee workstation **operating system**



**2**  
Secure your company data stored with **cloud apps and service**

GOOGLE APPS  
OFFICE 365  
DROPBOX  
CONFLUENCE  
AND MANY OTHERS



**3**  
Make sure the company **VPN** only lets in authenticated users

BARRACUDA  
CISCO ASA  
CITRIX ACCESS GATEWAY  
CHECK POINT SOFTWARE  
CYBEROAM  
F5 FIREPASS  
FORTINET FORTIGATE  
JUNIPER  
PALO ALTO  
AND MANY OTHERS



## ADMIN'S PART



**4**  
Strengthen access control for **Remote Desktop Protocol (RDP)**



**5**  
Employ MFA with **Microsoft Web Apps**

OUTLOOK WEB APP (OWA)  
EXCHANGE CONTROL PANEL  
SHAREPOINT  
REMOTE DESKTOP WEB ACCESS  
TERMINAL SERVICES WEB ACCESS



**6**  
Integrate MFA with any **identity provider** supporting SAML 2.0

OKTA  
OPENAM  
AZURE AD  
AD FS  
SHIBBOLETH



**Protect your data  
now, purchase later.  
Get your fully  
functional free trial.**

