

# Migration to TLS 1.2 for IMAP, POP3, and SMTP

Both unencrypted access and access using the outdated encryption protocols TLS 1.0 and TLS 1.1 no longer meet current security standards. To protect your email communications, these methods of accessing our email servers will no longer be possible starting on August 9th, 2022.

Please make sure that encryption (SSL/TLS) is activated in your devices and/or email programs. We have summarized below how you can adjust the settings for some of the more popular email programs.

In order for the transmission of emails between your devices/programs and our email servers to continue to work after the new requirements are enacted, your devices/programs must support TLS 1.2 or higher.

## Programs and Operating Systems That Support TLS 1.2

- Microsoft Outlook 2016 (only if all Windows and Office updates are installed)
- Microsoft Outlook 2019
- Mozilla Thunderbird 52.0 and newer
- Microsoft Windows 7 (Service Pack 1)
- Microsoft Windows 8
- Microsoft Windows 8.1
- Microsoft Windows 10
- Microsoft Windows 11
- Apple macOS Sierra 10.12.6 and newer
- Apple iOS 9 and newer
- Android 5.0 and newer

## Please Note

If you use another email program, we recommend that you check with the manufacturer to see whether or not the program supports TLS 1.2 or newer. If the email program you are using does not support TLS 1.2 and newer, you will not be able to use it to connect to our email servers to send and receive messages after August 9, 2022.

Also, please remember that it is important to install security updates regularly.

**Tip:** With [IONOS Webmail](#), you can always access your emails using the highest security standards!

## Overview

To enable encryption (SSL/TLS) in your email program, simply do the following:

- Open the mailbox settings in your email program.
- Enable SSL/TLS encryption for the mailbox.
- Use the following ports for the incoming and outgoing mail server:

POP3 (SSL/TLS): 995

IMAP (SSL/TLS): 993

SMTP (SSL/TLS): 465

In the sections below, we'll describe the procedure in more detail for some common email programs.

## Enabling Encryption in Microsoft Outlook 2016/2019 (Windows)

How to enable encryption in Microsoft Outlook 2016 and Microsoft Outlook 2019 is explained in the following article:

[Enabling SSL encryption in Outlook 2016/2019](#)

## Enabling Encryption in Mozilla Thunderbird

Instructions on how to enable encryption in Mozilla Thunderbird can be found here:

[Enabling Encryption in Mozilla Thunderbird](#)

## Enabling Encryption in Apple Mail

How to enable encryption in Apple Mail is explained in the Enabling SSL Encryption section of the following article:

[Setting Up IONOS Email Accounts in Apple Mail](#)

## Enabling Encryption in an iPhone/iPad

Instructions on how to check your email account settings in an iPhone/iPad and enable encryption can be found here:

[Enabling SSL Encryption in an iPhone/iPad](#)

## Enabling Encryption in Android

How to enable encryption in the Gmail app or in Samsung's email app is explained in the following article:

[Enabling Encryption in Android](#)