

SaaS Operation Mode

In case of the SaaS operation mode, Bee360 requires additional **infrastructure components on customer side** with corresponding **system requirements**.

Required Infrastructure Components

The following table lists the required infrastructure components that need to be provided by the customer. The table covers the most frequently used systems per component. If you intend to use systems different from the most frequently used listed in this table, please refer to the system requirements below.

Required Component	Most frequently used (= Standard)	Usage	Standard Configuration Manuals
Identity Provider	Microsoft Entra ID	... for User Authentication	<ul style="list-style-type: none">Register Bee360 at Microsoft Entra ID
Employee Master Data Provider	Microsoft Entra ID	... for Employee Master Data Update and Employee Lifecycle	<ul style="list-style-type: none">Enable Access to Entra ID User Profiles for Bee360
Email Server	Microsoft Office 365 (Exchange Online)	... for Sending Emails	<ul style="list-style-type: none">Enable Bee360 to Send Emails via MS Office 365 (Exchange Online)

System Requirements

If the customer intends to provide components different from the most frequently used standard, these components need to fulfil at least the following requirements:

Requirements for the Identity Provider

The customer identity provider needs to support the following :

- Authentication using the [Authorization Code Flow](#) with [Client Authentication method "none"](#) according to **OpenID Connect** based on **OAuth 2.0**
- Trusted Origins/Cross-Origin Resource Sharing (CORS)
- Multiple Redirect URIs and custom URI schemes (e.g., bee:) per registered application/client

Requirements for the Employee Master Data Provider

If you intend to use an Employee Master Data Provider different from the most frequently used standard, please contact the Bee360 Setup Team for further advice.

Requirements for the Email Server (SMTP out)

Sending contextual emails to people in the **customer organization** and to **externals** (like, e.g. the Bee360 consulting team) depending on their role and responsibilities is part of the process workflow functionality of Bee360. To this end, Bee360 needs to be able to send emails to an email server provided by the customer organization for further delivery.

The customer email server needs to fulfil the following requirements:

- The Communication Protocol to sending server (Bee360) needs to be *SMTP*.
- The Authentication of sending server (Bee360) with the email server needs to be *Certificate based or IP based validation*

Requirements for the client connection

If there is a firewall/proxy between the Bee360 client-server communication acting as endpoint for the Bee360 client/app, the client endpoint needs to support TLS v1.2 with the Secure Renegotiation feature.