



Protime Premium

SaaS System Requirements

Why SaaS?

Prottime believes in Software as a Service (SaaS). It gives us the possibility to centralize necessary security and maintenance protocols. At the same time, you are sure you get the fastest updates possible without the burden of manual upgrading.

SaaS at Prottime

In 1994, Prottime was the first time registration player to base its software on Windows. In 2007, Prottime was one of the first software suppliers to offer cloud solutions, such as Software as a Service. In 2018, Prottime took the strategic decision to go SaaS-only. Client-server versions for existing clients will, however, still receive support over the coming 2 years. As of 2020, the SaaS-only strategy will be fully deployed.



Exponential Growth

Various studies, such as those by Deloitte, Forbes, Forrester and Techtarget for example, already show that SaaS is the future within HR. Forrester's research also reveals that, in 2017, the number of SaaS installations exceeded the number of On-Premise installations (56%/44%) for the first time. In 2013, this ratio was still 36%/64%.

Optimal security

The GDPR regulation is one of the most profound changes pertaining to personal data to date. Personal data must be stored in a protected manner using a variety of methods. All manner of security protocols and reporting scenarios must also be drawn up. Prottime manages this within the SaaS versions of the Prottime software.

In addition to these regulations, Prottime has the software constantly tested by independent parties. Software develops rapidly, thus the same applies to potential attacks. By continuously testing this, Prottime software remains constantly up-to-date in terms of security. With installations on your own server, you're responsible for protecting against external influences yourself.

Universal accessibility

The cloud makes it possible to use the system any time, anywhere. The only requirement is an internet connection. This means that employees can request annual leave via their smartphones, planners can prepare their schedules from home and depart for the office after the rush hour, and that managers can perform approvals from their client's waiting room. SaaS enables all of this to be securely performed from any location.

SaaS System Requirements

Technical specifications for end users

Protime Premium

The Protime Premium Portal is (<https://applications.myprotime.eu/>) for users who have access to one of the following applications:

- ProTime
- ProTeam
- Export
- Import
- Userprovisioning
- Yeartool
- myProtime Files

Using a HTML5 compatible browser, there is no need for any installation or configuration. This is a key benefit, as it reduces the administrator's touchpoints. Another advantage of using a HTML5 compatible browser is that access to our Protime Premium environment is made incredibly easy. Users can access Protime Premium applications from literally anywhere with an Internet connection, without the need for any specific device or setup. Users also have unified access to applications securely through HTTPS.

- Browser (TLS 1.2 or higher, HTML5 compatible)
 - Microsoft Edge (Chromium)
 - Mozilla Firefox 24 or higher
 - Google Chrome 23 or higher
 - Apple Safari
- Network port 443 (outbound) to the internet must be opened for:
 - Your local Protime website:
 - <https://www.protime.eu>
 - <https://www.protime.be>
 - <https://www.protime.nl>
 - <https://www.protime.lu>
 - <https://www.protime.fr>
 - <https://www.protimewfm.de>
 - <https://www.protimewfm.co.uk>
 - Protime Premium Logon Portal & Upload/Download Functionalities
 - *.myprotime.eu
- The following protocols should be allowed
 - WS
 - WSS
 - HTTP/1.1

Note: Using WS does not mean that a connection is not secure. RAS HTML5 always redirects WS/HTTP to WSS/HTTPS.

myProtime

myProtime is a web application which can be accessed by using one of the following browsers:

- Microsoft Edge (Chromium)
- Mozilla Firefox 24 or higher
- Google Chrome 23 or higher
- Apple Safari

Please note that only protocol TLS1.2 or higher are supported.

- Network port 443 (outbound) to the internet must be opened for:
 - myProtime
 - *.myprotime.eu
- The myProtime URL will be provided by email and users will receive an invitation email.

Technical specifications for HTTPS terminals (time & access)

- Port 443 (outbound) to the internet (HTTPS) must be opened to the:
 - Protime datacenter
 - sec***.devicechannel.net (***) is the database number you will receive)
 - Terminal Maintenance Platform
 - protime-api.customexchange.net
 - protime-blob.customexchange.net
 - firmware.customexchange.net
 - *.gtconnectedservices.com
 - *.azure-devices-provisioning.net
 - *.azure-devices.net
 - *.blob.core.windows.net
 - Terminal Maintenance Tool
 - protimesvass1.gtl.biz (XMPP)
Our terminal maintenance tool for our time terminals supports an ejabberd/XMPP protocol (<https://xmpp.org/>). Some firewalls block this form of communication and will need to be opened.
- Port 5671 (outbound) to the internet (AMQPS) must be opened to the:
 - Terminal Maintenance Tool
 - *.azure-devices-provisioning.net
 - *.azure-devices.net
- Port 123 (outbound) to the internet (UDP) must* be opened for:
 - NTP service
 - pool.ntp.org
**Optional if no internal NTP available*
- SSL inspection, SSL rewriting & SSL caching are not supported.
- Since the terminals cannot do any authentication to proxy servers or firewalls, the terminals must use UNAUTHENTICATED PASS-TROUGH.