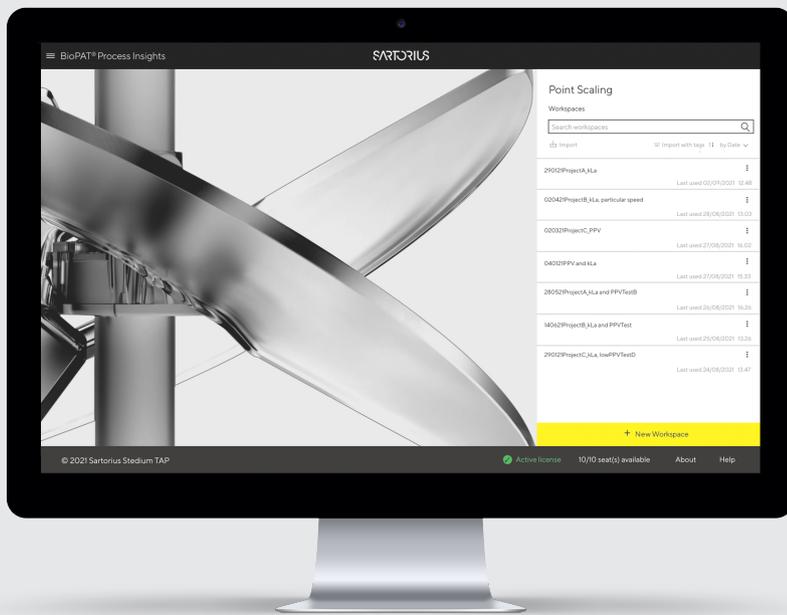


## BioPAT® Process Insights (Release 1)

### Technical Requirements for Installation



## Technical Specification

### Scope

New software product for predictive scale conversion and low risk process transfer between supported Sartorius bioreactors: Ambr® 15 and 250, Univessel® SU and Glass and Biostat STR® 50-2000 L

## Introduction

BioPAT® Process Insights is a software application to help bioprocess scientists operating Sartorius bioreactors to perform bioprocessing scaling. BioPAT® Process Insights is a standalone software application operating on a networked PC. The networked PC will typically be located in an office environment and should not be the bioreactor control PC in the lab.

BioPAT® Process Insights enables predictive scale conversion and low risk process transfer between supported Sartorius bioreactors. It allows the user to determine *in silico* whether the process is scalable and can be transferred between process development and manufacturing bioreactors.

Before installing the BioPAT® Process Insights software application on a server, please ensure the server meets the following hardware and software requirements.

## Minimum Hardware Requirements

When the minimum hardware requirements are met, the application can handle up to 10 concurrent Workspaces.

Property	Technical Requirement
Central Processing Unit (CPU)	Intel Core i7 (4 cores)
Random Access Memory (RAM)	16 GB
Solid-State Drive (SSD)	512GB
Display Resolution	1366 x 768 1440 x 900 1600 x 900 1680 x 1050 1920 x 1080

## Preferred Hardware Requirements

When the preferred hardware requirements are met, the application can handle up to 25 concurrent Workspaces.

Property	Technical Requirement
Central Processing Unit (CPU)	Intel Core i9 (10 cores)
Random Access Memory (RAM)	32 GB
Solid-State Drive (SSD)	512GB
Display Resolution	1366 x 768 1440 x 900 1600 x 900 1680 x 1050 1920 x 1080

## Multi-Seat Licence

Each license enables up to 10 users (seats) concurrent access. Additional licenses can be purchased to enable more seats. 1 user with 1 workspace open takes up 1 seat; if a user opens more than 1 workspace at any one time, each open workspace will take up 1 seat; maximum of 10 seats at a time per license.

## Software Requirements

Property	Technical Requirement
Operating System	Windows 10 20H2 64-bit or Windows Server 2019 or later
Operating System Build	19042
Supported Browsers	Google Chrome (latest version) Microsoft Edge (latest version)

## Internet Access

When installed on-premise on a networked PC, internet access is not a requirement to use BioPAT® Process Insights.

You can install the application on a server that is connected to the internet or on a server within the local network. If you would prefer to install the application on a server with no internet connection, you will need to download the installation file to a portable storage device in advance.

Licensing the software can be done online (over the internet) or offline (with no internet connection). If licensing offline, access to another computer with internet connection and a portable storage device is needed.

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