

ProSoft™ Installation Guide

This document provides information about the system requirements of ProSoft v5.3.14, as well as the procedure for installing it.

Introduction

ProSoft™ is an engineering solution for managing CI/CD pipeline automation in software development. The system keeps track of the modifications and additions made to the codebase—including acceptance, unit, and integration tests—and the commits to source control, creates an automated pipeline for building release candidates, updates version numbers using *semantic versioning*, calculates *technical debt* based on targets, and charts the progress of various aspects of the project to provide a global picture.

The system is compliant with the requirements and logic of CI/CD as it has been laid out in RFC 3265-A and RFC 3265-B.

System Requirements

Hardware

For an average team of 10-15 developers, the system requires at least 5 x 2.5GHz quadcore 7i processors, 64GB of RAM, and 1TB of disk space.

Also, a 100Base-TX Ethernet network connection is recommended for effective use.

Dependencies

The installer checks the presence of the following components:

- Microsoft Visual C++ Redistributable: this is required for the MSVC libraries
- An ANSI SQL compliant server (such as PostgreSQL 15 and above, Microsoft SQL Server 2018 and above, Oracle DBMS 2016 and above, etc.): the system keeps significant amounts of data in a relational database
- Microsoft .NET Framework 5 or higher
- Microsoft IIS 11.4 or higher

The system locale is *en-us* by default but can be set to any locale.

Installation

The following steps are based on the 64-bit version, but they are identical for the 32-bit version.

- From the **ProSoft** [downloads](#) page, download the `prosoft_x64.msi` file to the `C:\Users\<user-name>\Downloads` directory of your server
- Before you start the installation, check that the above-mentioned prerequisite components are in place
- Double-click the file to start the installation and follow the on-screen instructions
- By default, the server is installed in the `C:\Programs\ProSoft` directory. It is strongly recommended that this directory is *not* changed

- It is recommend that the default values for cache size, disk size, API endpoints, and other configuration settings are left as they are during the installation
- If you need to change the locale setting, you will be prompted to select one in the wizard

Configuration

After the installation is complete

- Copy the `prosoft.lic` file sent to you via e-mail to the `bin` subdirectory of the installation folder. You will be prompted the first time you launch the program to point to this file for activation
- Install the security certificates the system needs under the `cert` subdirectory of the installation folder
- Make sure that your proxy server, if any, is configured to allow traffic at ProSoft's default communication ports
- Check the security settings of the server before starting to add users that will have access to the system. The users should have Read, Write, and Execute privileges

License Terms

This software is licensed to be valid for at least one major upgrade and all the minor upgrades in between. The limitation of seats is 50 programmers.