



## ETAP 22.5 System Requirements

### Operating System (64-bit)

- Microsoft Windows® 11 (Professional)
- Microsoft Windows® 10 (Home Premium, Professional, Enterprise)
- Microsoft® Server 2022 (Standard)
- Microsoft® Server 2019 (Standard)
- Microsoft® Server 2016 (Standard)

### PC Hardware Configuration

- 64-bit hardware
- USB port for security key only
- Ethernet port or Wi-Fi w/ network access (for network licensing & software download)

#### Recommended Hard Disk Space

- Installation Only: 30 GB
- Installation + Projects (based on # of projects, project size, number of buses): 200 GB
- SSD recommended for large projects

#### Recommended Display & Graphics

- Video card with hardware support for Direct2D
- Minimum: 21" monitors or higher with 1920 X 1080 resolution
- Recommended: 27" Dual monitors (4K or higher)
- Video card with hardware support for Direct2D

#### Minimum CPU & RAM

100 Bus Projects	500 Bus Projects	1,000 Bus Projects	10,000 Bus Projects and Higher
Intel Core i5 or better 2.4 GHz or better	Intel Core i5 or better 3.0 GHz or better	Intel Core i7 or better 3.0 GHz or better	Intel Core i7 or better 3.0 GHz or better
8 GB of RAM	8 GB of RAM	16 GB of RAM (high-speed)	32 GB RAM - (high-speed)



## Software Prerequisites

- Microsoft® Edge or Google Chrome

## Third-Party Packages

### ETAP installs the following packages

- Microsoft .NET Framework v4.7.2
- Microsoft Redistributables
  - Microsoft Visual C++ 2015
  - Microsoft Visual C++ 2019
- Microsoft SQL Server 2019 Express LocalDB (x64)
- Microsoft ODBC Driver 17 for SQL Server
- OpenSSL 1.1.1j
- SAP Crystal Reports runtime engine for .NET Framework CR13 SP26
- SQLite ODBC Driver 0.9995
- Intel® Visual Fortran Redistributable
  - Intel® 64 Setup 2019.0.117
- Microsoft Access Database Engine 2016
- MongoDB 4.2.3 (64 bit)

### Other Third-Party Packages distributed but not installed

- Microsoft SQL Server Compact 4.0 SP1 x64
- Python 3.8.4