



## ETAP 20.5 System Requirements

### Operating System (64-bit)

- Microsoft Windows® 10 (Home Premium, Professional, Enterprise)
- Microsoft Windows 8 & 8.1 (Standard, Professional)
- Microsoft Windows 7 (SP1) (Home Premium, Professional, Ultimate, Enterprise)
- Microsoft® Server 2016 (Standard), Server 2019 (Standard)
- Microsoft Server 2012 & 2012 R2 (Standard)

### Software Prerequisites

Internet Explorer® 10 or higher (or minimum version level specified by the Operating System)

ETAP launches the following installations:

- Microsoft .NET Framework v3.5 (SP1)
- Microsoft .NET Framework v4.0
- Microsoft .NET Framework v4.5
- Microsoft .NET Framework v4.6.2
- Microsoft SQL Server Compact 4.0
- Microsoft Windows Update (KB2670838)
- Microsoft SQL Server 2012 Express LocalDB (x64) SP4
- Microsoft SQL Server 2012 Native Client (x64)

### Other Third-Party Software

- Microsoft SQL Management Studio 2012 (x64)
- MongoDB 4.2
- DB Browser for SQLite
- Python 3.8.4

### PC Configuration Requirements

- 64-bit hardware
- USB port for security key
- Ethernet port w/ network access (if network licensing required)
- DVD Drive, 10 to 80 GB hard disk space (based on project size, number of buses)
- Recommended Display
  - 21" monitors or higher
  - Dual monitors highly recommended
  - Resolution -1920 X 1080
  - Font scaling - 100% - 125%

### Recommended Hardware

#### 100 Bus Projects

Intel Core i5 or better – 2.4 GHz or better  
8 GB of RAM

#### 500 Bus Projects

Intel Core i5 or better – 3.0 GHz or better  
8 GB of RAM

#### 1,000 Bus Projects

Intel Core i7 or better – 3.0 GHz or better  
16 GB of RAM (high-speed)

#### 10,000 Bus Projects and Higher

Intel Core i7 or better – 3.0 GHz or better  
32 GB RAM - (high-speed)