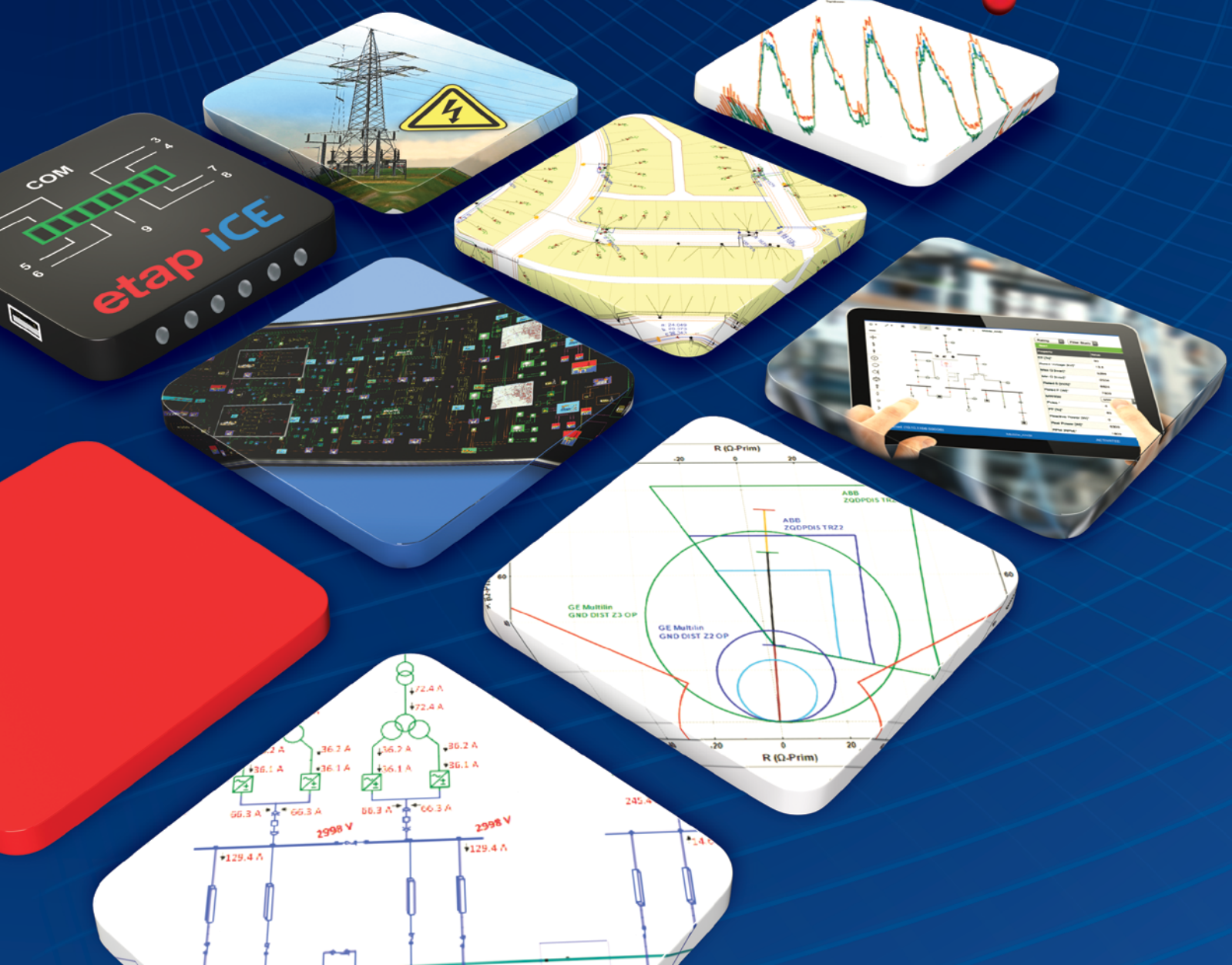


etap[®] 18

Convergence of Power & Intelligence



Install Guide



ETAP 18 Install Guide

This document provides a step-by-step installation procedure for

1. **ETAP Software**, including libraries, example projects, and help files.
2. **ETAP User Guide**
3. **ETAP License Manager**, required for all stand-alone and network licenses.

Installation Options

ONLINE

Download the new ETAP release via ETAP HelpDesk

1. Log into your ETAP HelpDesk account support.etap.com
2. From the FAQ tab click on Download ETAP and continue as prompted.
3. Once the download is complete, extract the files and run ETAPINSTALLER.exe

DVD

Insert ETAP DVD and run ETAPINSTALLER.exe

Before Installing ETAP

1. You must have administrator rights to your computer.
2. Close all other applications.
Note: ETAP installation will automatically include engineering device library (.lib) and main program executable (etaps64.exe) into Windows Defender Exclusion List. This is to prevent Windows Defender from scanning the engineering library when linked to a project file.

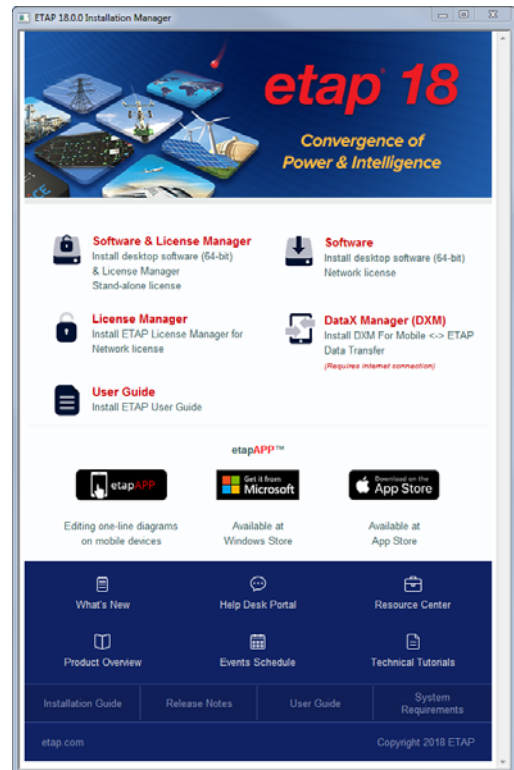
Activation Code

As needed, ETAP will prompt you for a software Activation Code, which is located on the ETAP DVD sleeve or provided to your IT contact via email.

Software Prerequisites

ETAP automatically installs prerequisites as needed. For a complete list of prerequisites refer to the system requirements section of this installation guide.

1. ETAP Installation Manager



Stand-Alone License

ETAP and ETAP License Manager will be automatically installed on the same computer. ETAP Security Key must also be located on this computer.

Network License

Install the ETAP License Manager on a computer designated as the ETAP License Manager Server. In this configuration, the ETAP Security Key must be located on the ETAP License Manager Server.

2. License Agreement



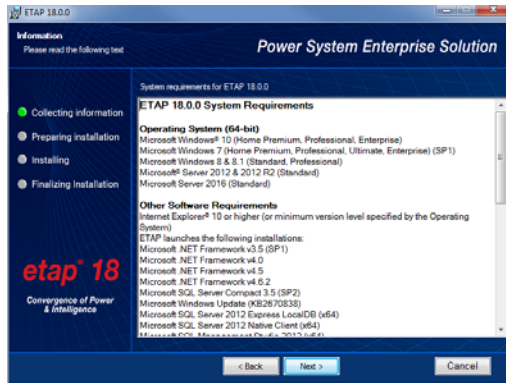
3. Welcome



7. Installation Complete



4. System Requirements



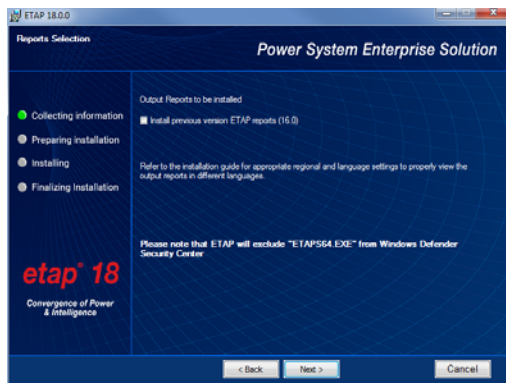
8. Restart Computer

Launching ETAP

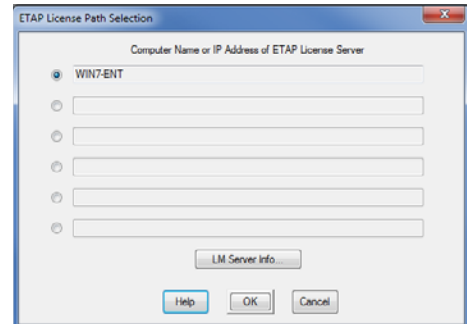
ETAP License Wizard displays the ETAP License Path Selection editor. If a stand-alone or network security key is located on your computer, click OK to continue.

For a network license, if the ETAP Security Key is located on a different computer, select another path and enter the name or IP address of the computer where the key is located.

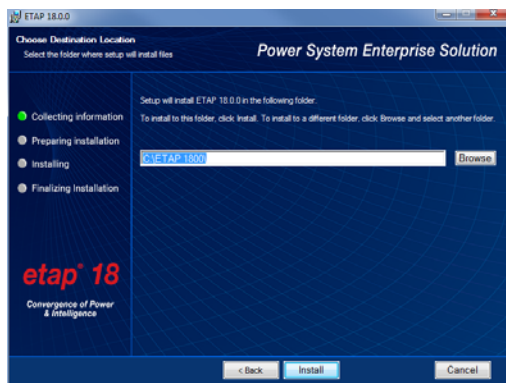
5. Previous Version Reports



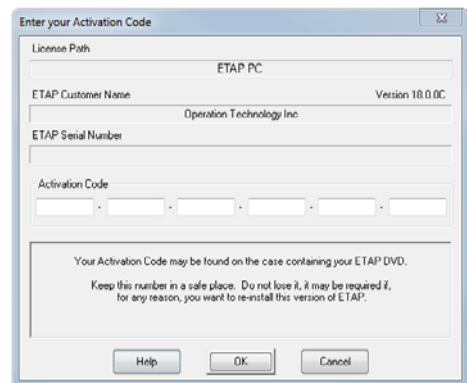
License Path Selection



6. Installation Path Selection



Activation Code



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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)
- 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 3.5 (SP2)
- Microsoft Windows Update (KB2670838)
- Microsoft SQL Server 2012 Express LocalDB (x64)
- Microsoft SQL Server 2012 Native Client (x64)
- Microsoft SQL Management Studio 2012 (x64)

Other Third Party Software

- Microsoft SQL Management Studio 2012 (x64)
- Mongo DB
- DB Browser for SQL Lite
- Python 3.5

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
 - 19" 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)

Installing ETAP User Guide

To install, select the ETAP User Guide option that appears in the ETAP Installation Manager

1. Click Next on the Welcome screen
2. Installation Path Selection
3. Installation Complete

Troubleshoot Licensing

"ETAP key is not found or the License Manager is not ready"

- **The ETAP License Manager is not installed on the designated computer.**

Install ETAP License Manager and make sure that the necessary port is open for communication. Please contact ETAP HelpDesk for further assistance.

- **The ETAP License Manager Service is not running.**

Reset the License Manager from Start\All Programs\ETAP1800\Reset License Manager.

- **ETAP key is not connected to the computer or key drivers are not installed properly.**

Verify that the key is securely attached to the computer. Refer to Chapter 2 of the ETAP User Guide for details.

Verify only one key is used per License Manager server.

ETAP Upgrade and User Support Maintenance Contract

All upgrades are automatically provided to users with a valid ETAP Upgrade and User-Support Maintenance Contract (UUC).

ETAP UUC is the most cost-effective way to protect your ETAP investment by providing product upgrades and technical support for your ETAP software. Extending your maintenance support agreement will allow you the opportunity to apply ETAP's unique features and sophisticated analysis techniques to all your power system analysis projects. ETAP UUC maintenance support agreement benefits include:

- Free version upgrades including automatic shipment of new releases.
- Unlimited access to user / technical support.
- Updates to ETAP device.
- Access to ETAP knowledge base & FAQ.
- Full access to ETAP User FTP and download sites.
- Access to pre-release and beta versions of new products and upgrades.

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