

Redesigned to Deliver Unmatched Speed, Intelligence & Reliability Boost Production by 50%

Major Features

- 64-bit architecture and local SQL database
- Auto-Build
- Datablock & Theme Manager
- Star, Auto-Evaluation Automated evaluation for protection & coordination
- Short Circuit Analyzer

ETAP 14.1

- Compatibility for Window 10
- New Protective Device Settings Reports in Excel format
- Enhanced Arc Flash & Short Circuit Analyzers
- Display font handling up to 125% magnificatio
- Thermal Withstand Duty Evaluation for IEC Standard
- Amendment to British Standard cable sizing standard 7671: 2008-A3
- Updated IEC 60364-5-52 LV cable sizing standard
- Improved Library & Project conversions
- Refreshed Element Editors & Printing
- Underground Raceway Systems Alignment Tools
- Updated Harmonics Alert View
- Revised Protective Device library models
- Faster Crystal Report generation speed for device settings reports
- Helpline & User Guide revisions
- ETAP License Manager Installation enhancements
- Enhanced Conversion from SKM[®] and EasyPower[®] to ETAP

- Contingency Analysis
- Updated Arc Flash Standards including NFPA 2015
- EMTP Interface with EMTP-RV and PSCAD
- Updated SmartPlant Electrical Interface
- AVEVA Electrical Interface
- Over 1000 Protective Device models

ETAP Real-Time

- Multistate element colors & symbols
- General Measurements Alarming
- Enhanced Quick Navigation & Toolbar layout
- Transformer Tap Control
- IEC 61850 Support up to 125 devices per data collection concentrator
- CSV Driver Communications
- Electrical & Non-Electrical Control Commands
- Real-Time Continuity Coloring
- ILS Load Shedding Sequence-of-Events Recording

AGC Enhancements

- Generator Maintenance Warning & Alarms
- Fuel Level Monitoring
- Forbidden Operational Areas

Customizable Reports

- Reports Designer
- ETAP SCADA & Web Report Viewer
- Automatic Report Scheduler
- Real-Time & Historical Data Access



Demo Installation Guide

This document provides a step-by-step installation procedure for ETAP 14.1 Demo. The installation program installs ETAP and all of its components including libraries, example projects, and ETAP help files. It also installs the ETAP License Manager since all stand-alone and network keys use this service to provide authorization for ETAP 14.1.

Installation Code

The ETAP 14.1 DEMO will prompt you for a 4 letter installation Code that is sent via email when signing up on our website or located on the ETAP 14.1 DEMO CD sleeve. If you cannot locate your code, please contact your sales representative at sales@etap.com.

Before Installing ETAP

- You must have administrator rights to your computer. It is recommended to turn off the User Account Control (UAC) and the firewall during installation on Windows 7 and higher operating systems.
- 2. Close all other applications.

Installation Options:

- Register and download from etap website
- Insert ETAP 14.1 DEMO CD
 Run ETAPINSTALLER.exe

Software Requirements:

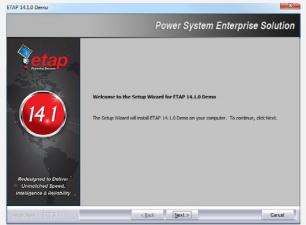
ETAP requires the following prerequiste software. These software will be automatically installed if not detected.

- Microsoft .NET Framework v4.0
- Microsoft .NET Framework v4.5
- Microsoft SQL Server 2012 Express (x64)
- Microsoft SQL Server 2012 Express LocalDB (x64)
- Microsoft Windows Update (KB2670838)

1. ETAP Installation Manager



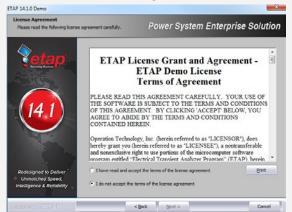
2. Welcome



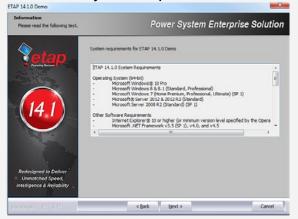
3. Installation Code

Installation Code Enter your installation code	Power System Ente	erprise Solution
	Usemane: The Company.	
14 1	Code: This initialiation requires an initialiation code obtained from ETAP. Contact ETAP or log on to www.etap.com to obtain one.	
Redesigned to Deliver Unmatched Speed. Intelligence & Reliability		

4. License Agreement



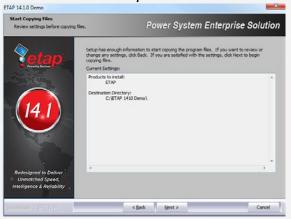
5. System Requirements



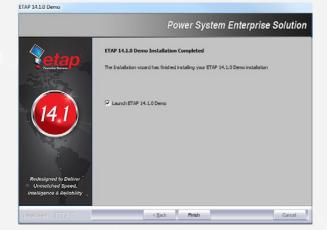
6. Destination Selection



7. Setup Review



8. Launch ETAP Demo



Start Demo

Double click on the ETAP 14.1 Demo icon that was created on your desktop during the installation.



Activation Code

Once installed, the demo offers immediate access to many of the analysis modules including Load Flow, Short Circuit, Arc Flash, and Star - Device Coordination. To activate and explore other analysis modules, simply email your Return Code to ETAP to receive an Activation Code. You must have administrative rights to your computer to enter the Activation Code.

Uninstall Demo

To remove the demo from your computer, use Add or Remove Programs from the Control Panel.

Control Panel Home View installed updates	Uninstall or change a program To uninstall a program, select it from the list and then click Ur	iinstall, Change, or Repa	ir.			
eff antal a program from the network	Organize 👻 Uninstall Change					
	Name	Publisher	Installed On	Size	Version	
	ETAP 12.6.0 Demo ETAP 12.6.0 Student Edition	Operation Techn ETAP	6/30/2015 1/12/2016	1.23 GB 2.32 GB		
	TAP 14.0.0 Demo T ETAP 14.0.0 x64 T ETAP 14.1.0	Operation Techn ETAP ETAP	1/5/2016 12/1/2014 1/20/2016	1.91 GB 15.2 GB 10.4 GB	14.0.0 14.0.0 14.1.0	
	T ETAP 1410 Demo	Operation Techn	3/4/2016	2.60 GB	14.1.0	
	ETAP License Manager 14.0.0 Keyless for 64-bit Machine GoToMeeting 7.12.0.4431	Operation Techn CitrixOnline	1/8/2015 2/24/2016	38.8 MB	14.0.0 7.12.0.4431	
	GoToMeeting Outlook Calendar Plug-in Malwarebytes Anti-Malware version 2.2.0.1024 Mathcad PDSi viewable support	Citrix Online Malwarebytes Adobe Systems	10/12/2015 1/19/2016 10/6/2014	66.0 MB	3.1.91.0 2.2.0.1024 9.0.0	
	Microsoft JNET Framework 4 Multi-Targeting Pack Kicrosoft JNET Framework 4.5.2 Kicrosoft Optice Outlook Kicrosoft Optice Outlook	Microsoft Corpor Microsoft Corpor Microsoft Corpor	12/1/2014 1/24/2015 11/23/2015		4.0.30319 4.5.51209 6.1.0003.01	
	Microsoft Office Professional Plus 2013 Microsoft Office Professional Plus 2013	Microsoft Corpor Microsoft Corpor Microsoft Corpor	12/1/2014 11/9/2014 11/9/2014	3.97 MB 32.9 MB	1.1.40219	
	Microsoft Office Visio Viewer 2007	Microsoft Corpor Microsoft Corpor	12/9/2015 11/20/2015	6.60 MB	12.0.6612.1.	
	Microsoft Report Viewer 2012 Runtime	Microsoft Corpor	11/13/2014	28.6 MB	11.1.3366.16	

Add or Remove Programs



System Requirements

Operating System (64-bit)

- Microsoft Windows® 10 Pro
- Microsoft Windows[®] 8 & 8.1 (Standard, Professional)
 Microsoft Windows 7
- (Home Premium, Professional, Ultimate) (SP1)

Other Software Requirements

- Internet Explorer[®] 10 or higher (or minimum version level specified by the Operating System)
- Microsoft .NET Framework v3.5 (SP1)
- Microsoft .NET Framework v4.0
- Microsoft .NET Framework v4.5
- Microsoft SQL Server Compact 3.5 (SP2)
- Microsoft Windows Update (KB2670838)
- Microsoft SQL Server 2012 Express (x64)
- Microsoft SQL Server 2012 Express LocalDB (x64)
- Microsoft SQL Server 2012 Native Client (x64)
- Microsoft SQL Management Studio 2012 (x64)

PC Configuration Requirements

- 64-bit hardware
- USB port
- Ethernet port w/ network access (if network licensing required)
- CD Drive, 10 GB hard disk space
- 19" monitors recommended (dual monitors highly recommended)
- Recommended display resolution -1280 X 1024
- \cdot Recommended display font size 100% 125%

Recommended Hardware

Intel Core i5 or better – 2.0 GHz or better (or equivalent)
4 GB of RAM

User Feedback

ETAP is dedicated to providing our customers with a superior product experience, and user feedback is one of the central elements of this commitment. In fact, ETAP is designed based on 95% of user suggestions and requests! We invite you to help us make a difference by filling out a short, single-page <u>feedback form</u>. All information is confidential and will be used only by the ETAP engineering and development staff.

ETAP Training

ETAP University training events include a wide-range of power system analysis workshops, seminars, and on-site training conducted by Certified ETAP Instructors. ETAP workshops in the U.S. offer Continuing Education Units (CEUs) and a 10% discount for IEEE members.

Visit etap.com to view the current events schedule. Events are added throughout the year, so be sure to visit frequently for the latest updates.

etap.com

Support: 949.462.0400 Main: 949.900.1000 support.etap.com

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