

PROTECT YOUR APT INVESTMENT



FTSolution for APT® allows you to import, create, edit, compile, and debug APT-based PLC programs with a modern Microsoft Windows interface. With FTSolution for APT, you can:

- Import any existing APT program in minutes.
- Access multiple PLC programs and program components with the Solution Explorer to edit any program component.
- Customize the look and feel of the user interface.
- Increase programming efficiency with powerful, time-saving features:
 - Syntax Coloring
 - Statement Completion
 - Incremental Parsing
 - Code Regions
- Use familiar APT keyboard shortcuts.
- Compile programs and download into Siemens 505 or CTI 2500 Series® PLCs.
- Compile and download programs incrementally.
- Edit 505 and Profibus I/O with integrated configuration editors.
- Monitor and troubleshoot programs in running PLCs. Expanded debugging capability allows for a more powerful online experience and includes:
 - Watch Windows (similar to APT Chart)
 - Trender
 - SFC Animation | Breakpoints | Single Step | Activate
- Use the Compilation Report to view errors, warnings, memory configuration, and usage.
- Tag project objects and create an install.tag file for use by PCS applications for HMI creation and maintenance.
- Quickly identify where an object or variable is used within a program, saving you time when troubleshooting and/or modifying the program.
- Identify differences between the PLC logic and its project files at the source code level when used with FTVersionTrak for APT.

FTSOLUTION FOR APT FAMILY OF PRODUCTS AND SERVICES

- **FTSolution for APT:** Microsoft Windows-based replacement for Siemens APT®
- **FTSolution for APT Simulator:** Test APT language programs without requiring a PLC
- **FTVersionTrak for APT:** File change management, program comparison, and backup software
- **Startup and support services:**
 - Installation / program import
 - Training classes
 - Technical support

ELIMINATE COSTLY PLATFORM MIGRATIONS

FTSolution for APT eliminates the costly need to migrate to another PLC platform.

- **DON'T** be forced to purchase new PLC hardware.
- **DON'T** learn a new PLC programming language.
- **DON'T** retrain your engineering and maintenance staff.
- **DON'T** rewrite all of your PLC programs.
- **DON'T** retest and validate all your new systems.
- **DON'T** risk costly production downtime or project cost and schedule overruns.

FTSOLUTION FOR APT VS. SIMATIC APT FEATURE COMPARISON

FTSolution for APT allows you to import, create, edit, compile, and debug APT-based PLC programs in a modern Microsoft Windows interface. FTSolution for APT is the only product on the market to support the expanded functionality of the CTI 2500 Series processors. Compare FasTrak's FTSolution for APT to Siemens' SIMATIC® Application Productivity Tool (APT™):

Feature	FTSolution for APT	SIMATIC APT
Full support of the original APT language*	✓	✓
Compile and download projects to PLCs	✓	✓
Connect online to PLCs in Debug mode	✓	✓
Create PCS tags	✓	✓
Import projects from SIMATIC APT	✓	
Modern Microsoft Windows interface	✓	
Open multiple PLC projects at the same time	✓	
Open multiple editors at the same time	✓	
Direct links to objects in Cross Reference	✓	
Direct links to source code errors found during compiling	✓	
Syntax coloring of Math code	✓	
Statement completion during text entry (Intellisense)	✓	
Expand and collapse CFC and SFC math code regions	✓	
Display collapsed math code regions with Tool Tip on hover	✓	
Easy access to every editor with the Solution Explorer	✓	
Monitor and trend online values with Watch Windows	✓	
Compare logic in PLC to its original project source code with FTVersionTrak integration	✓	

*for custom module support, please contact FasTrak SoftWorks

SUPPORT SERVICES

FasTrak provides a full range of services to support FTSolution for APT.

Startup Support

Utilize our startup services for installation assistance, importing of program files, and program validation.

Training Classes

FasTrak training classes accelerate productivity and return on investment. Attend classes at FasTrak to learn from other users or choose training classes at your location. The Foundations: FTSolution for APT class explores the applications of the FTSolution for APT software and family of related products. Some of the topics that are covered include importing APT program files, using the interface and editors, documenting programs, compiling and downloading programs, and monitoring the PLC during program execution.

Technical Support

We pride ourselves on the superior level of service we provide to our customers. Our knowledgeable support representatives provide immediate and accurate solutions to user issues. Unlimited technical support is included at no charge for 12 months following purchase and through affordable maintenance contracts after the first year.

FTSOLUTION FOR APT

SPECIFICATIONS

Recommended Hardware Platform

- Processor: 3.10 GHz with 6MB cache
- Memory: 4GB at 1333MHz
- Hard Drive: 500GB
- Video Card: 1280 x 1024 or higher resolution
- Monitor: 24-inch widescreen flat panel

Dual Monitors Supported

Supported Operating Systems

- Windows XP Professional with Service Pack 3
- Windows Vista with Service Pack 1
- Windows 7
- Windows 8
- Windows 10
- Windows 11

Compatible PLCs

- CTI 2500 Series: C100; C200; C300; C400
- Supports the entire line of Siemens/TI 505 PLCs including:
 - 500 Series: **520** 1101; **520C** 1101, 1102; **530** 1102, 1104, 1108; **530C/T** 1104, 1108, 1112; **560** 2120; **565** 2120; **560T** 2820; 565T 2820
 - 505 Series: **525** 1102, 1104, 1208; **535** 1204, 1212; **545** 1101–1106; **555** 1101–1106; **575** 2102–2106

Supported APT Languages

- SFC (Sequential Function Charts)
- CFC (Continuous Function Charts)
- APT Math
- SCL (Statement Control Language)

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