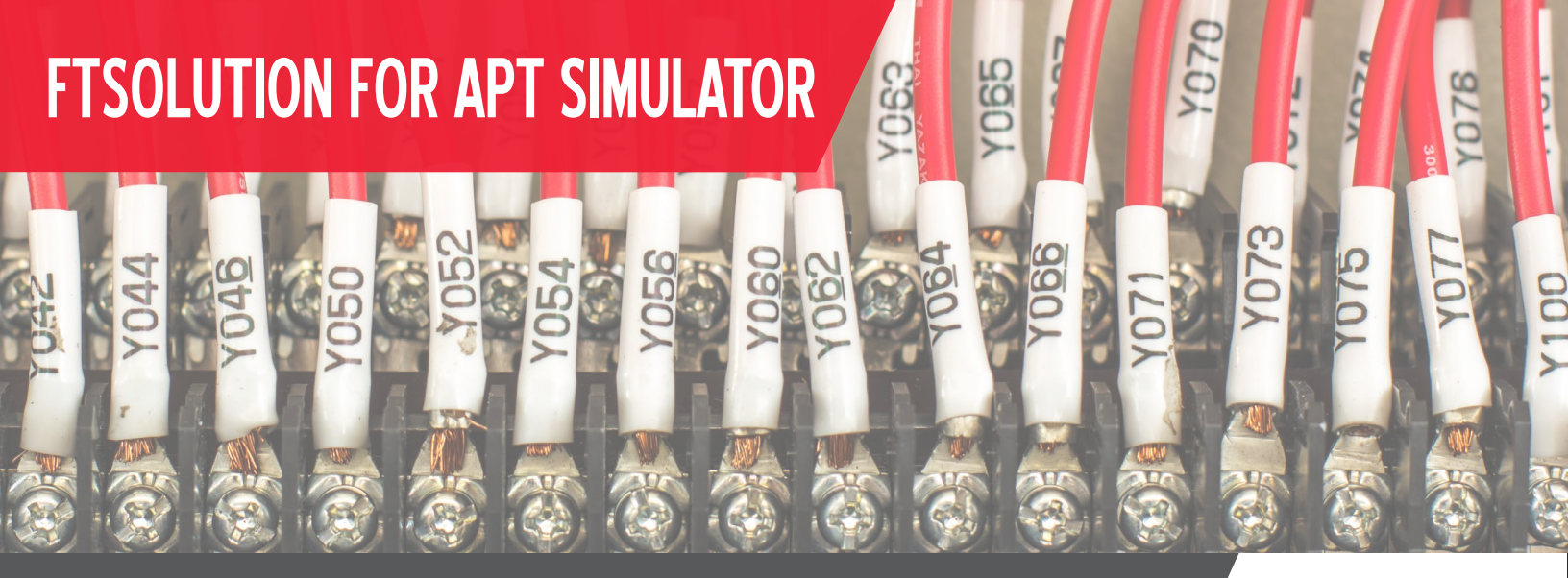


# FTSOLUTION FOR APT SIMULATOR



## FTSOLUTION FOR APT SIMULATOR

Test drive your APT programs before going live! Imagine the convenience of writing, executing, and testing a program without requiring a PLC. Picture the freedom of setting I/O values without the complicated and time-consuming wiring of expensive physical devices. Use the only software of its kind to test APT® programs in a fraction of the time it would take using traditional methods, and without requiring expensive hardware. FTSolution for APT Simulator allows you to:

- Simulate Siemens 505 and CTI 2500 Series® PLCs
- Halt a program at any location or as the result of any condition
- Display the results of each instruction's execution
- Locate the specific code where problems are occurring
- Create, save, and run a sequence of I/O values without any of the hassles of physical wiring
- Simulate I/O with predictable results every time
- Ensure that program changes do not cause previously working functions to fail

## HOW IT WORKS

Using your computer's TCP/IP connection, connect to FTSolution for APT Simulator the same way you connect to an actual PLC. When a program is online with FTSolution for APT Simulator, the simulator responds like the type of PLC being simulated. Programs may be loaded, saved, edited, and executed while online with the simulator.

## ENSURE AN INCREMENTAL DOWNLOAD WILL NOT STOP YOUR PROCESSOR

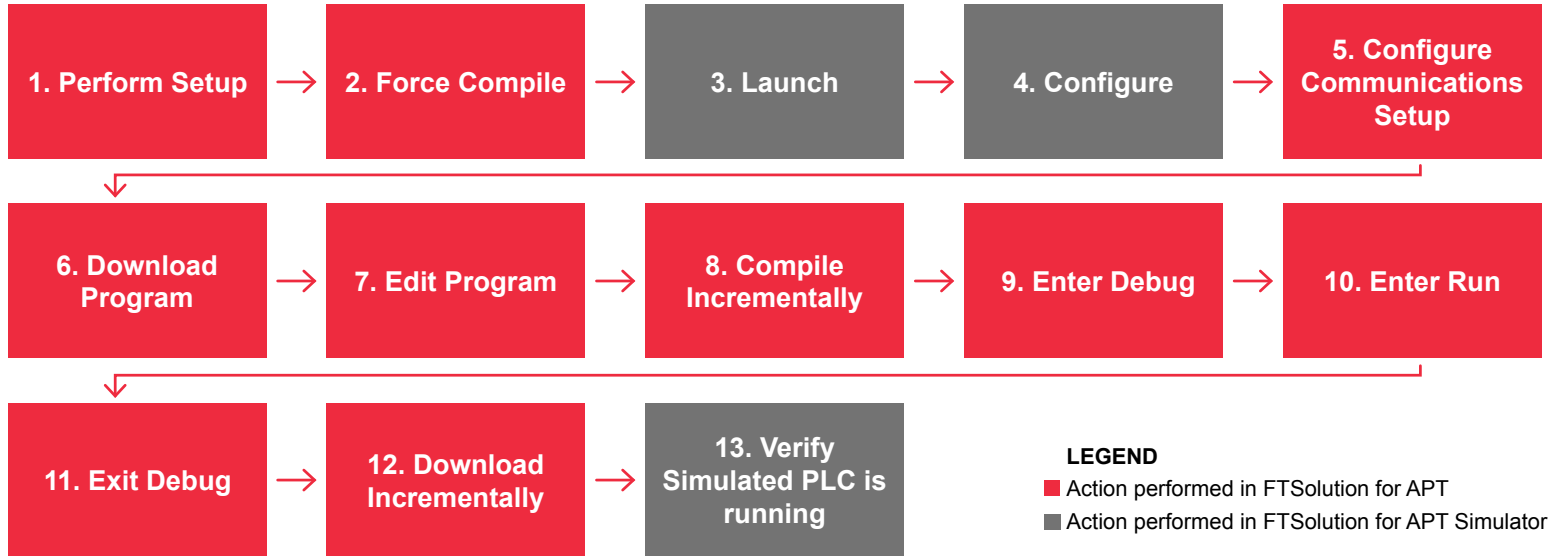
### Pre-Test Incremental Compile and Download

Like many APT® users, you have a vital need to maintain continuous production. An unexpected halt of a production PLC can lead to costly downtime. Due to shortcomings in the original APT software, forced compiles have been known to occur. These halt your production PLCs without any prior warning or error. A full program download is then necessary to reload and restart the PLC. In the meantime, your production has stopped.

FTSolution for APT is a stable development platform which minimizes the need for forced compilation and download. With FTSolution for APT Simulator, an "incrementally" edited program is downloaded to a simulated PLC, to determine if the program can be incrementally downloaded to a running PLC without halting.

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## Steps to Pre-Test Incremental Download



## SPECIFICATIONS

### PLC Support

- 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

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