

# A-B Upgrades/Software: PLC Upgrades/Migrations

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# Overview

## We can help protect your investment...

Rockwell Automation (Allen-Bradley) has obsoleted their software products that support these older PLC models: PLC (1774), PLC-2, PLC-3, and PLC-5. They want to "motivate" you to purchase new hardware, most times for systems that are still working perfectly well.

Since 1984, SoftPLC Corporation has provided feature-rich software for these A-B PLC's, called TOPDOC®. If you still have machines and systems that rely on these PLC's, we have great news for you - **We still provide TOPDOC PLC-2, PLC-3 and PLC-5 software!**

We can help you maintain your old PLC's if you:

- Have lost the software key for your 6200 or AI series software
- No longer have a PC capable of running the older A-B software
- No longer have the PLC communications interface card required by the A-B software
- Never had software, only a programming terminal (1770-T3/T4)

## We can help you move forward...

We offer excellent [migration paths](#) from older A-B PLC's to a state-of-the-art SoftPLC CPU, while you continue to use your existing A-B I/O and networks. If you're looking for an easy, inexpensive migration path, without needing to re-engineer your systems or re-train your personnel, please contact us to discuss the details of your applications, and let us help you protect your automation investment.

**You do have options, and they're good ones!**

Even better, we're offering an extra [incentive to migrate](#) your old Allen-Bradley PLC to a SoftPLC-based solution. With your first purchase of any TOPDOC PLC-2/-3/-5, we'll give you \$1000 discount on a new SoftPLC CPU, along with a free license for TOPDOC NexGen.

## TOPDOC Functions

All TOPDOC A-B PLC software products provide:

- Offline programming and documentation
- Online programming/monitoring/troubleshooting
- Upload/download
- Reports

Utilities for import and conversion of A-B software documentation files from not only obsolete A-B software, but other vendors (*eg: ICOM, Up/Doc*) are also available.

# TOPDOC PLC-2



TOPDOC PLC-2 includes offline program development, upload/download, program documentation and reports, and online programming, monitoring & troubleshooting.

The package includes our custom "Attached Mode" cable that connects from a PC's USB port to the 15-pin PLC-2 front port. No special interface card is needed in your PC. The PLC-2 Attached Mode Cable (*Cat No TD2-UCAM*) is 10 feet long and connects to the PC's USB type 2 port.

Online programming, upload/download and forcing are supported when connected to the PLC-2 via this cable. If you connect over Data Highway or Data Highway Plus, only upload/download are supported.

Although TOPDOC PLC-2 is a DOS application, we have packaged it so it can be used on Windows XP through Windows11 PC's.

**And, when you're ready to move off the obsolete PLC-2 platform, we have great [upgrade paths from PLC-2 to SoftPLC](#).**

# TOPDOC PLC-3

TOPDOC PLC-3 includes offline program development, upload/download, program documentation and reports, and online programming/monitoring/troubleshooting. We also provide utilities for import and conversion of A-B software documentation files from not only obsolete A-B software, but other vendors such as ICOM and others.



TOPDOC PLC-3 requires 32-bit WindowsXP or later\*. Communication to the PLC-3 can be direct to the programming port through a null modem serial cable or over DH/DH+ with a 1784-PKTx/KTx interface card or external interface such as a 1770-KF2B. The 1784-PCMK is not supported.



The original A-B 6200 offline PLC-3 software was a private labeled version of TOPDOC PLC-3.

**When you're ready to move off this obsolete platform, we have great [upgrade paths from PLC-3 to SoftPLC](#).**

*\* 64-bit Windows installations are supported, but require purchase of 1 hour of application engineering support.*

# TOPDOC PLC-5

TOPDOC PLC-5 includes offline program development, upload/download, program documentation and reports, and online programming, monitoring, and troubleshooting. We also provide utilities for import and conversion of A-B software documentation files from 6200 or RSLogix5, and other vendors such as ICOM, Up/Doc, and more.

Upload/download preserves all memory areas, but the editing and monitoring functions only support ladder logic (*not SFC or structured text*).



TOPDOC PLC-5 requires 32-bit WindowsXP or later\*. Communication to the PLC-5 can be serial DF1 from a PC serial/USB port to the PLC-5 serial port (*for those PLC's that support DF1*) or over DH/DH+ with a 1784-PKTx/KTx interface card or an external interface such as a 1770-KF2B. The 1784-PCMK is not supported.

**The PLC-5 was discontinued in 2015. When you're ready to move off this obsolete platform, we have great [upgrade paths from PLC-5 to SoftPLC](#).**

*\* 64-bit Windows installations are supported, but require purchase of 1 hour of application engineering support.*

# SLC-500/MicroLogix

We never created a version of TOPDOC for the SLC-500 or MicroLogix.

**BUT, we have great [upgrade paths from SLC-500/MicroLogix to SoftPLC](#) that include program and documentation conversions from RSLogix500 to SoftPLC format.**

# Resources

## Data Sheets

### [TOPDOC A-B Data Sheet](#)

Features of TOPDOC for A-B PLC-2, PLC-3 and PLC-5

### [A-B PLC Migrations Data Sheet](#)

Easy/inexpensive A-B PLC Migration options using SoftPLC

## Manuals

### [Printing TOPDOC reports](#)

Application Note on printing ladder logic and other reports for TOPDOC PLC-2, PLC-3 or PLC-5.

## Hands on Demos

TOPDOC A-B Evaluation Versions - Allows use of all offline features for 16 rungs of logic, but no online functions. Contact SoftPLC Corp support for download/unzip passwords.



The TOPDOC PLC-5 and PLC-3 software demos require WinXP or a VM. The product requirements differ from the demo.

### [TOPDOC PLC-3 Demo](#)

(Requires WinXP)

### [TOPDOC PLC-5 Demo](#)

(Requires WinXP)



The TOPDOC PLC-2 demo includes the DOS operating environment and will run on any Windows operating system.

### [TOPDOC PLC-2 Demo](#)

[Instruction Sheet](#)