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 programing 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.

> **ℹ** 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