

FROM C.J.B. NOW YOU'VE A BRIDGE BETWEEN SOFTPLC AND HARDWARE

With the new High-Performance SoftPLC package "PowerPLC-Bridge", CJB has filled the gap between SoftLogic, AXIS Control and Process I/O, with the addition of a consistent embedded SCADA HMI interface.

But the package is not only a software tool: it is also the key to make a ready-to-go hardware controller from any standard Industrial PC platform, also available directly from CJB.

CJB Computer Job is an high-tech system house, developing products for Industrial Automation.

CJB is specialized in designing tools for the development of Real-Time Systems since 1987. CJB does not only design the software, but also supports you with all the hardware you need, both for Industrial PC based platforms and VMEbus based systems.

For PC systems CJB's know how is appreciated for Windows and QNX software projects.

PowerPLC-Bridge

CJB has been investing a lot and still is investing in the design of the IEC-1131-3 SoftPLC system, so called "**PowerPLC-Bridge**".

The result is a flexible tool which opens your way to the world of the industrial standards.

Especially if you need to drive many AXIS in a very quick and complex way, CJB will support you 100% with the optional axis control interface which can be included into **PowerPLC-Bridge**.

So you will be able to design your application program using both all IEC-1131-3 languages (ST, SFC, LD), and C/C++ Language, to achieve a very powerful design, quick and user friendly, easy to debug and maintain.

To develop, you will use the "developer" part of the system, hosted in a common Windows®-based PC. Then you will be able to download the design to the target platform, which must be:

- a) another "blackbox" PC hardware with RTAI-Linux or QNX® OS already installed for critical hard-real-time controls,
or
- b) another "blackbox" PC hardware with WinCE® or XP® (Embedded) already installed for NON-critical NON-real-time controls,
or
- c) the same host PC with Windows® (2000,XP) if you do not need real-time response.

Who will use PowerPLC-Bridge?

PowerPLC-Bridge is the key solution for anyone who needs to control machine tools, plants, processes, anything where AXIS-Control, fast closed loops, regulations, complex logics and axis control demand for very high system performance and 100% deterministic behaviour. But also Building Automation and many more.

More, if you need to expand your system's capabilities with your own designed C/C++ s/w, you will be able to do it very easily with CJB's **PowerPLC-Bridge**.

Embedded Scada

PowerPLC-Bridge delivers an embedded SCADA which you find for free, and which makes you able to design user-friendly HMI interfaces, which can run on the same PC (if it has a video/LCD interface) or onto another (Panel)PC to be used as operator interface. It's a big plus you cannot find elsewhere. And a big saving of time and money.

Portable to other uP Platforms

CJB gives you all the support for porting the **PowerPLC-Bridge** RunTime to other uP platforms (like XSCALE or ARM). Distributed automation, local intelligent units, can be setup keeping the same overall friendliness and performance of **PowerPLC-Bridge**.

To Know More

PowerPLC-Bridge is always a step ahead, when compared to good old PowerPLC (and also to many other competitor SoftPLC's): it's much more powerful, it's much faster, since it uses 100% all the power of a PC platform. It's also easy to program, very easy to debug, extremely user friendly.

PowerPLC-Bridge is the right tool for designing all your hard-real-time automation and axis control applications.



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