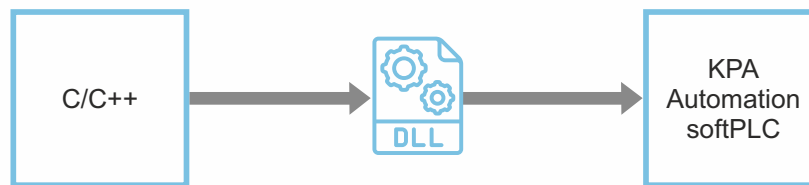# KPA Automation softPLC • SDK

SDK is the software development kit for creation of User Defined Function Blocks (UDFB). It allows developers to produce the required functionality for their specific devices without having any PLC programming experience, or to ease the integration of existing C/C++ functionality into PLC.

SDK includes Library Manager, which provides a function block source code template in the C/C++ programming language, and a sample with a custom function block.

- **Flexible**

  SDK provides the possibility to create your own out-of-the-box blocks and adapt them to specific needs quickly and efficiently.

- **Empowering**

  The software development kit is not bound to the functionality that is provided in KPA Automation softPLC initially. It allows you to take advantage of system resources that are not available by default.

- **Convenient**

  SDK eliminates the need to copy the same function blocks multiple times. You can easily reuse existing functionality.

- **Sophisticated**

  The software development kit expands the development possibilities for further customization. With it, you can use third-party libraries for PLC purposes.