



## Features

- IEC 61131-3 Programming languages
- Intuitive programming with a clear project structure
- Cross-compiling: FBD, LD and IL can be cross-compiled to each other
- Multi user functionality shortens programming time
- Management of distributed controls
- Network variables: Easy and powerful configuration of distributed communication
- Powerful debugging tools: Online changes, PLC simulation, Overwriting & forcing, breakpoints, watch windows & recipes, Logic analyzer, and cross reference.

## Introduction

MULTIPROG® supports all IEC 61131-3 programming languages. Depending on the task to be handled, your experience and company standards, you may choose one of the five standardized programming languages. The use of MULTIPROG offers you many advantages. Our long-term experience in the automation industry guarantees you a sophisticated software product.

The open architecture of MULTIPROG provides a new direction in the creation of automation software. MULTIPROG Automation Interface guarantees consistent data. Via the automation interface, MULTIPROG opens its data for other tools. MULTIPROG allows external creation and modification of its project data. Furthermore, specific attributes can be added. As all essential data can be displayed in MULTIPROG, frequent switching between different tools during PLC programming and commissioning is no longer necessary. Observers guarantee data consistency with other tools, thus the engineering effort for the programming of PLCs is reduced.

### Reliability by Experience

KW MULTIPROG is based on an embedded softlogic controller that has been applied in the automation industry since 1991. With over 250,000 runtime installations worldwide, a sophisticated and reliable product is available which is continuously adapted to new technologies.

## Specifications

### Hardware Requirements

Device	Minimum	Recommended
IBM compatible PC	200 MHz	350 MHz
System RAM	64 MB	128 MB
Hard Disk	60 MB free available space	
CD ROM drive		
VGA Monitor Color Settings	256 colors	True color
Resolution	800 x 600	1024 x 768
Communication Interface	RS-232 or Ethernet	
Mouse	Recommended	

### Advantech Hardware Supported

- UNO-2000 Series
- ADAM-5510KW Series
- BAS-2000 Series
- Data Acquisition and Control Card  
PCI-1710/ PCI-1711 / PCI-1716 / PCI-1720 / PCI-1730/ PCI-1733 / PCI-1734 /  
PCI-1752 / PCI-1754 / PCI-1756 / PCI-1761 / PCI-1762

### Software Requirements

- Microsoft® Windows® NT 4.0 SP5 or Windows® 2000/XP
- Microsoft® Internet Explorer 5.02 or above

### IEC 61131-3 Programming Languages (all supported)

- Instruction List (IL)
- Structured Text (ST)
- Function Block Diagram (FBD)
- Ladder Diagram (LD)
- Sequential Function Chart (SFC)

All programming languages can be mixed within a project.

## Ordering information

- **MPROG-BAS33** KW Multiprog Softlogic Development Kit Basic Edition v3.3 for Windows® NT/2000/XP (128-byte I/O)
- **MPROG-ADV33** KW Multiprog Softlogic Development Kit Advanced Edition v3.3 for Windows® NT/2000/XP (64k-byte I/O)
- **PROCON-NT32** KW ProConOS Runtime License v3.2 for Windows® NT/2000/XP
- **PROCON-NTOPC20** KW ProConOS OPC Server Runtime License V 1.12 for Windows® NT/2000/XP (ADAM-5510KW Series is not supported)
- **PROCON-CEOPC20** KW ProConOS OPC Server Runtime License v2.0 for Windows® CE (ADAM-5510KW Series is not supported)