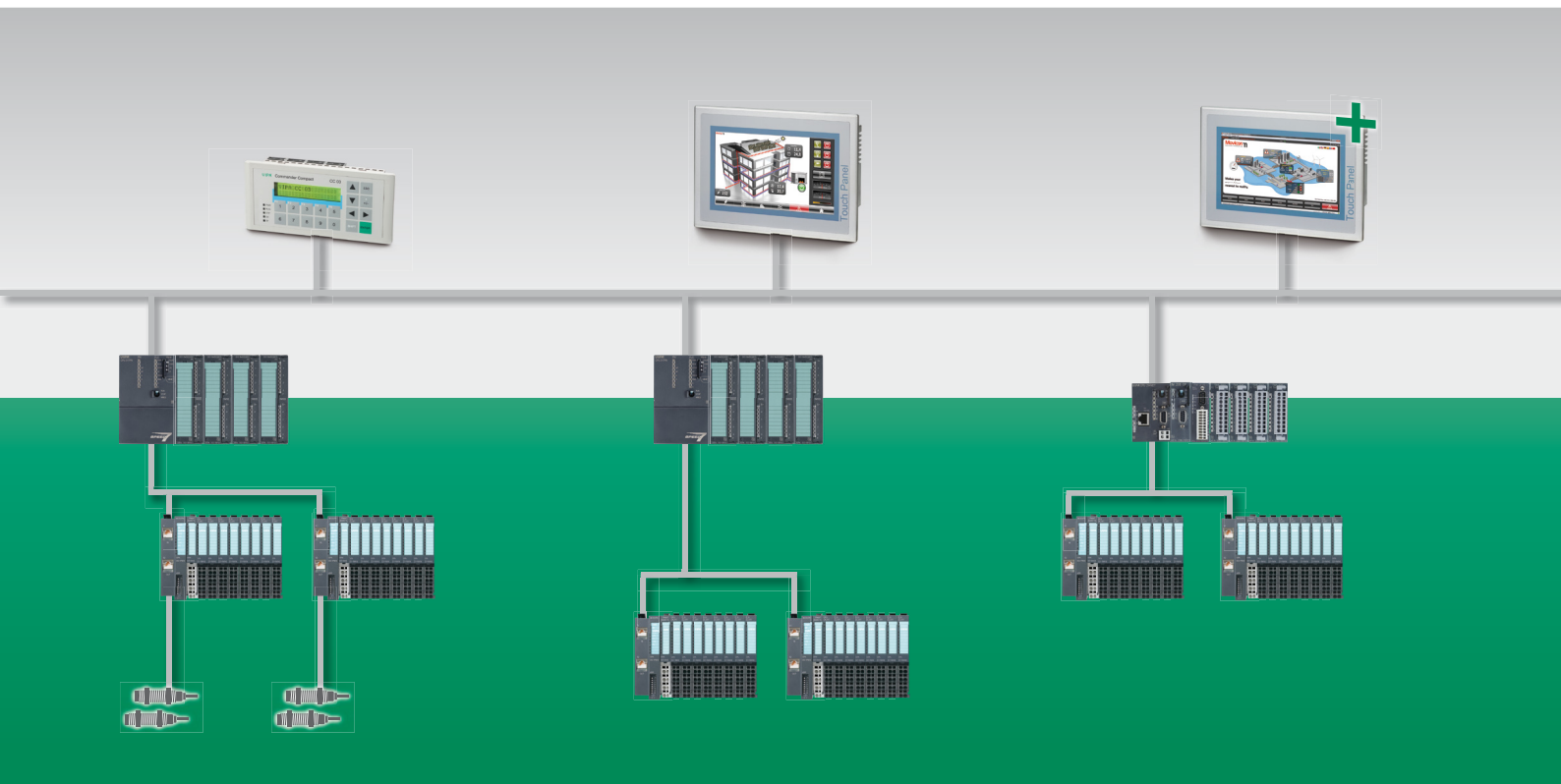




HMI

Operating and monitoring

The panel that is open for everything



Line displays from VIPA

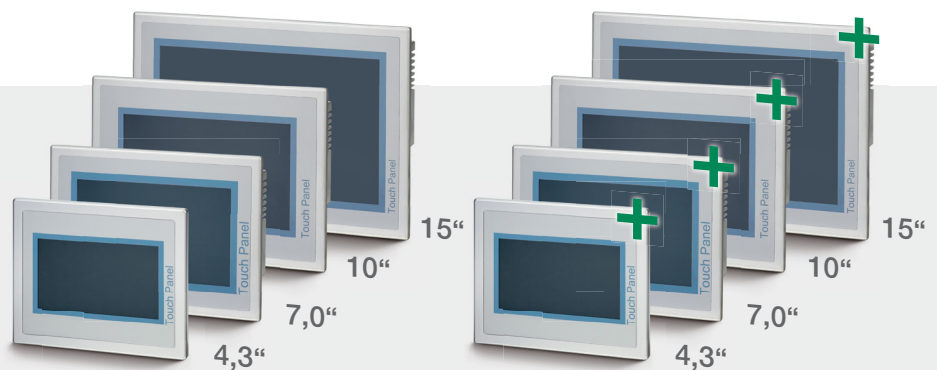
- Extremely low-priced
- More than sufficient for basic tasks
- Easy to handle
- Enormously robust
- Protect type IP 65

eco Panels from VIPA

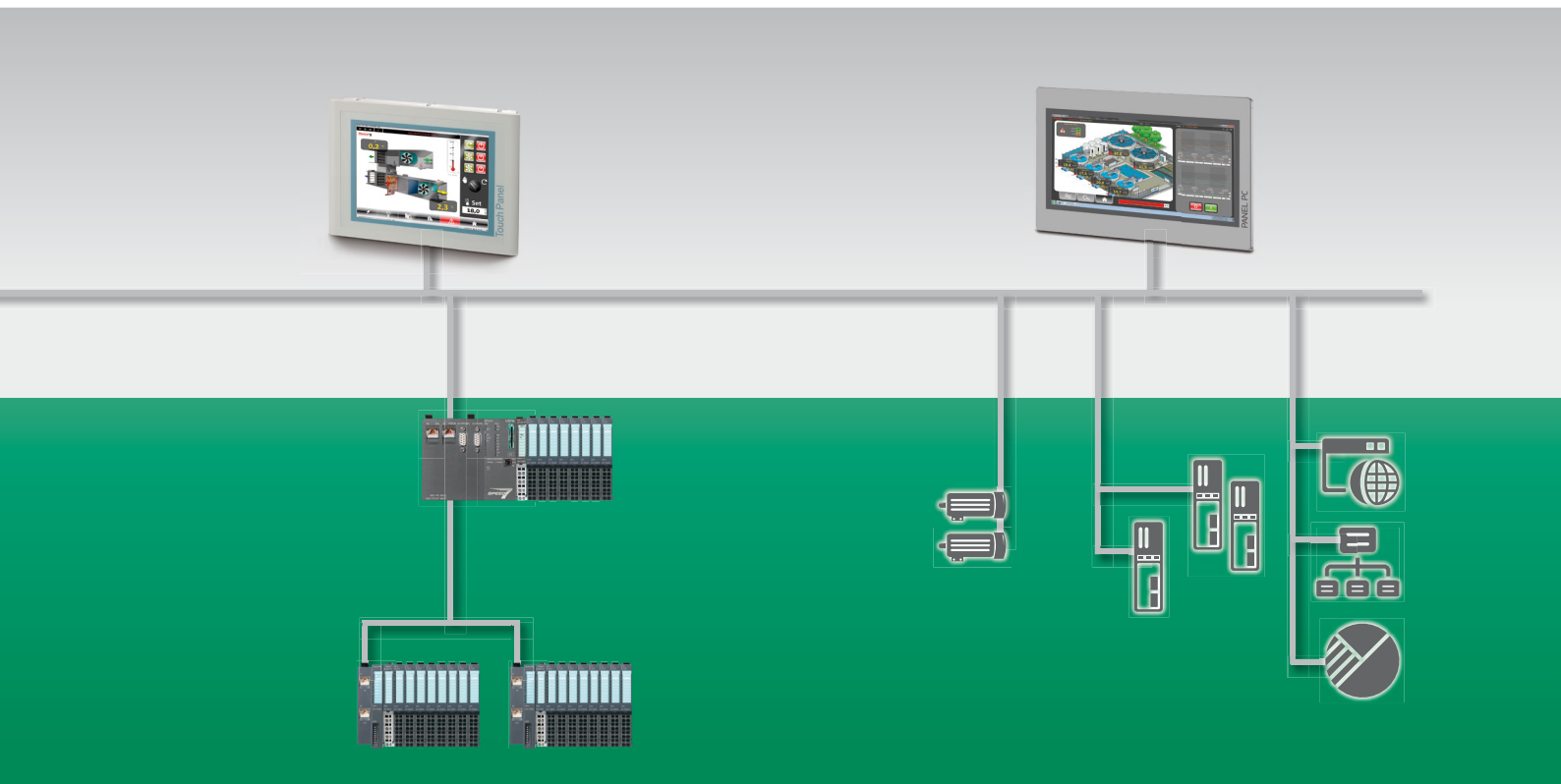
- Powerful Touch Panels
- Very solid and durable
- Remarkably fast
- Open for many systems, applications and uses
- Exceedingly good value for money
- Protect type IP 65

eco+ Panels from VIPA

- Processor clock frequency 667MHz at 4,3" and 7" Panels
- Operating system Windows Embedded CE 6.0 Professional for all eco+ Panels
- Otherwise identical with the eco Panels



The panel that is open for everything

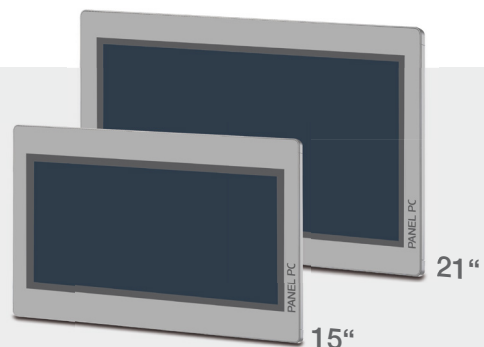
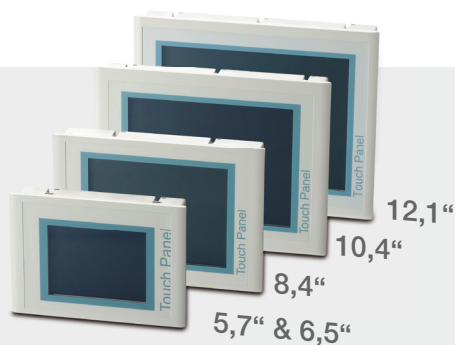


Professional Panels

- Integrated web server
- Simple database communication possible
- All professional Panels can be controlled from every PC in the company
- Powerful processors
- Open for many systems, applications and uses and even for your runtime
- Uniquely easy assembly
- Very solid and durable

Panel PCs

- Industrial PC with most modern performance features
- Optimum display options
- High performance in the smallest space
- Latest Intel Atom process technology
- Full HD display resolution
- High quality materials
- Protect type IP 65



Line displays



The Text Display TD 03

- Designed for use with VIPA CPUs and CPUs from Siemens
- Programmable with TD-Wizard

The Operator Panel OP 03

- For operation and monitoring of small applications
- Designed for use with CPUs from VIPA and CPUs from Siemens
- Programmable with VIPA OP manager or ProTool from Siemens

The Commander Compact CC 03

- Control display and panel in one, because on the back is a VIPA 100V PLC, which among others is programmable with STEP7 from Siemens
- 16 digital inputs and outputs
- Programmable with VIPA OP manager or ProTool from Siemens



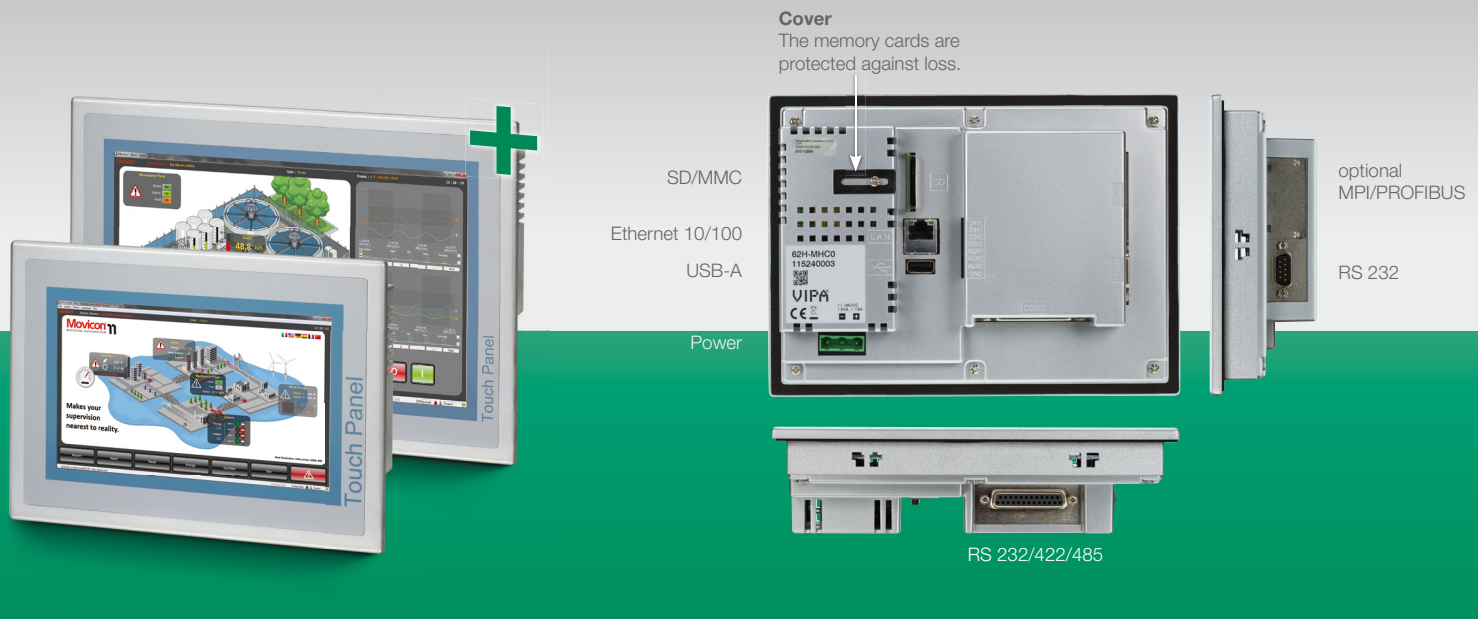
Line displays – are the simple and extremely low-cost HMI classics.

- Because for basic tasks they are perfectly adequate. Why spend more?
- They are completely easy to use
- Displayed texts are easy to read due to the backlit LCD screen
- They are robust and simply constructed; they can even be operated with protective gloves

- Their usage is extremely space-saving. And no matter what display you use: The control cabinet cut-out has always the same size
- They can be individually customized – with your logo, instructions or whatever it may be

„Line displays have become very rare on the market. We still have them in our program. This is because of our sustainable product policy“, but also because our customers are still asking for line displays. And we want our customers to be satisfied.“

eco Panels



eco Panels – the solid Touch Panels, that are not afraid of any common type of operation. The Movicon Runtime is already preinstalled for you. So you are ready to go.

Quality

- eco Panels are durable and robust

Functionality

- eco Panels with preinstalled Movicon Runtime and Windows Embedded CE 6.0 Prof. operating system

Considerable capabilities

- Integrated PLC function: For basic applications you do not need a control system any more – the PLC program in the eco panel is completely sufficient for this
- Powerful processor
- Large range of interfaces: USB, Ethernet, serial (RS232/422/485), MPI/DP (optional)

Open for everything





- Compatible with all systems, also of other manufacturers. Because the necessary drivers are present: Modbus RTU, Modbus TCP, MPI-PC-Adapter, PPI, S5-CPU, S7-TCP, VIPA-MPI and VIPA-PROFIBUSDP slave. Additional drivers can easily be installed later

Features of eco Panels

- Five interfaces: see Table
- Mounting depth 50 up to 60 mm
- Industrial-grade and robust housing
- Multilingual language support

Open for teleservice

- By means of the VNC client software you can also have access to your eco Panel via teleservice

				
eco	TP 604LC	TP 607LC	TP 610LC	TP 615LC
Display size	4,3	7	10	15
Resolution	480x272	800x480	1024x768	1024x768
Touch screen	resistive	resistive	resistive	resistive
Processor	ARM11 CPU 533MHz	ARM11 CPU 533MHz	Cortex-A8 CPU 1000MHz	Cortex-A8 CPU 1000MHz
Interfaces	1x RS232 1x RS232/422/485 1x USB-A 1x Ethernet 1x MPI/PROFIBUS-DP (optional)		1x RS232 (SUB-D) 1x RS232/422/485 (DB25) 1x USB-A 2x Ethernet 1x MPI/PROFIBUS-DP (optional)	
Work memory	128 MB	128 MB	256 MB	256 MB
User Memory	128 MB	128 MB	128 MB	128 MB
Cardslot for	SD	SD	SD	SD
Housing	plastic	plastic	aluminium / steel	aluminium / steel
Operating System	Windows Embedded CE 6.0 Core			
Runtime	Movicon 11 CE Basic			
eco+	TP 604LC+	TP 607LC+	TP 610LC+	TP 615LC+
Processor	Cortex-A8 CPU 667MHz	Cortex-A8 CPU 667MHz	Cortex-A8 CPU 1000MHz	Cortex-A8 CPU 1000MHz
Work memory	256 MB	256 MB	256 MB	256 MB
Operating System	Windows Embedded CE 6.0 Professional			
Runtime	Movicon 11 CE Standard			

professional Panels



Compact Flash

SD/MMC

Cover

The memory cards are protected against loss.

RS 422/485

RS 232

MPI/
PROFIBUS-DP

USB-A

USB-B

Ethernet 10/100

Power

Professional Panels – extremely powerful Touch Panels with unique features and a very high scalability. Additionally you have the choice whether you want a panel with or without runtime.






Of course, all features of the eco Panels are also part of the professional Panel series.

Additional features

- Up to eight interfaces: RS232-, RS485-, RS422-, MPI-, PROFIBUS-DP-Slave, Ethernet RJ45-, USB-A- und USB-B-Interface (depending on version)
- User memory / work memory: 4.096 MB (Flash) / 128 MB (RAM)
- Possibility for remote controlling via PC, tablet or smartphone
- Available in five different sizes: from 5,7" up to 12,1"
- Particularly small mounting depth of only 37 to 45 mm

- Horizontally and vertically deployable
- Operating- and configuration-friendly
- Extremely robust aluminium housing

- Easy mounting through patented mounting bracket
- Powerful XScale processor with 800 MHz

					
	TP 605C	TP 606C	TP 608C	TP 610C	TP 612C
Display size	5,7	6,5	8,4	10,4	12,1
Resolution	640x480	640x480	800x600	800x600	800x600
Touch screen	resistive	resistive	resistive	resistive	resistive
Processor	XScale 800MHz	XScale 800MHz	XScale 800MHz	XScale 800MHz	XScale 800MHz
Interfaces	1x RS232 1x RS422/485 1x USB-A 1x USB-B 1x Ethernet 1x MPI/PROFIBUS-DP	1x RS232 1x RS422/485 1x USB-A 1x USB-B 1x Ethernet 1x MPI/PROFIBUS-DP	1x RS232 1x RS422/485 1x USB-A 1x USB-B 2x Ethernet (Switch) 1x MPI/PROFIBUS-DP	1x RS232 1x RS422/485 2x USB-A 1x USB-B 2x Ethernet (Switch) 1x MPI/PROFIBUS-DP	1x RS232 1x RS422/485 2x USB-A 1x USB-B 2x Ethernet (Switch) 1x MPI/PROFIBUS-DP
Work memory	128 MB	128 MB	128 MB	128 MB	128 MB
User Memory	4096 MB	4096 MB	4096 MB	4096 MB	4096 MB
Cardslot for	CF + SD/MMC	CF + SD/MMC	CF + SD/MMC	CF + SD/MMC	CF + SD/MMC
Housing	Die-cast aluminium	Die-cast aluminium	Die-cast aluminium	Die-cast aluminium	Die-cast aluminium
Operating System	Windows Embedded CE 6.0 Prof.	Windows Embedded CE 6.0 Prof.	Windows Embedded CE 6.0 Prof.	Windows Embedded CE 6.0 Prof.	Windows Embedded CE 6.0 Prof.
Runtime	Movicon 11 CE Standard	Movicon 11 CE Standard	Movicon 11 CE Standard	Movicon 11 CE Standard	Movicon 11 CE Standard

Panel PC



Panel PCs – Intelligent control and monitoring – with PC performance in the control cabinet.

With the VIPA Panel PC series you are prepared for all control and monitoring tasks. The combination of industrial PC with the most modern performance features and a touch panel with optimum display options concentrates high performance in the smallest space.

The latest Intel Atom processor technology, large integrated work memory and display resolutions with up to Full HD with the 21.5" Panel PC leaves nothing to be desired. The Windows system environment which is familiar for most users simplifies the access without the requirement of learning something new. As you are used to with VIPA, their Panel PCs have numerous useful interfaces. The visual impression of your cabinet wins considerably by the high quality materials of the Panel PCs.

The preinstalled operating system Windows Embedded Compact 7 or Windows Embedded Standard 7 correspond to state-of-the-art technology in the PC world which most users are familiar with. As far as the visualization is concerned they can choose between their own programmes or optionally the latest preinstalled Movicon visualization. With the new VIPA Panel PCs you can successfully access the premium class of operating and monitoring devices at once.

Features

- Latest Intel Atom process technology
- High display resolution with up to Full HD with 21.5" Panel
- Numerous interfaces for adequate PC operation
- Easy and quick entry in the operating systems Windows Embedded Compact 7 or Windows Embedded Standard 7 which most users are familiar with
- Runtime Movicon 11 Win Standard optionally preinstalled, optional customer programs also usable
- Cooling without a fan
- High-quality metal case



	PPC015	PPC021
Display size	15,6" wide (16:9)	21,5" wide (16:9)
Display resolution	1366x768	1920x1080
Touch screen	PCAP	PCAP
Processor	Intel Atom D2550 dualcore @1,86 GHz	Intel Atom D2550 dualcore @1,86 GHz
Interfaces	- 2x Ethernet (10/100/1000) - 4x USB2.0 - 2x serial (RS232, RS422/RS485) - Audio out	- 2x Ethernet (10/100/1000) - 4x USB2.0 - 2x serial (RS232, RS422/RS485) - Audio out
Work Memory	2 GB	2 GB
User Memory	2 GB mit WEC7 16 GB mit WES7	2 GB mit WEC7 16 GB mit WES7
Card slot	CFast	CFast
Casing	aluminium / steel	aluminium / steel
Operating System	Windows Embedded Compact 7 or Windows Embedded Standard 7	Windows Embedded Compact 7 or Windows Embedded Standard 7
Runtime	Movicon 11 CE Standard or Movicon 11 Win Standard (32 IO-Bytes)	
Ambient temperature	0 °C up to 50 °C	0 °C up to 50 °C



Features	Movicon 11 CE Basic	Movicon 11 CE Standard	Movicon 11 WIN Standard
available for	eco Panels	eco+ Panels, professional Panels, Panel PC with WEG7	Panel PC with WES7
I/O Bytes	512	4096	Default: 32 Option: 128, 512, 2048
Screens	•	•	•
Graphics Library	•	•	•
Power templates	-	•	•
Alarms	max. 1024	max. 4096	max. 2048
Accelerators and Menus	•	•	•
Touch Screen	•	•	•
Event Historical Log	TXT & XML only	•	•
Dynamic language change	•	•	•
IL Logic (SoftLogik)	•	•	•
VBA Multi-threading	max. 2 sources	•	•
ActiveX- OCX	-	•	•
Debugger OnLine/Remote	•	•	•
Dynamics trends	•	•	•
Historical trends	TXT & XML only	•	•
Recipes	•	•	•
Data Logger	max. 2 on IMDB	•	•
Reports	-	only Text Reports	Embedded Reports
Network operation	•	•	•
Multi-driver capable	max. 2	max. 2	max. 2
SMS/E-Mail	-	•	•
OPC DA Client	•	•	•
OPC XML DA Client	-	•	•
VBA Drivers interface	-	•	-
Web Client	-	2 Users	Option

• = unlimited / depends on the project

Movicon is a professional HMI/SCADA platform with an open and flexible architecture for industrial automation, which enables the user to realize fast and easy vertical applications for visualization, production data acquisition, recording and maintenance. Movicon with its graphical intuitive surface and with the many integrated tools is easy to use.

Features

- Comprehensive symbol and driver library
- Web server support
- Easy import of variables from projected controller
- Script support by means of VBA and integrated IL logic (S7 based)

The runtime versions of Movicon offer VBA support, included a graphic surface, a comprehensive symbol and driver library, as well as automatic re-connect and data synchronization. In

addition different function libraries are available, for example for the inclusion of intelligent periphery and communication modules.

The use of preinstalled Movicon runtime versions simplifies the immediate start of visualization projects.

The eco Panel series is supplied with Runtime Movicon Basic and the professional series with the Runtime Movicon Standard. Of course, you can also get the professional series without runtime.

Notes



www.vipa.com