

IEC61499 + IEC61131

Preliminary information MSX-Box

Green light
for RoHS!



www.addi-data.com

Get a IEC61499-compliant PLC platform



Designed for use by OEM customers in machine control for data acquisition and measurement applications, the MSX-Box + ISaGRAF soft PLC is particularly intended for PLC users who want to benefit from the IEC 61499 or 61131 standard programming languages with the robust program ISaGRAF. Generate the program you need for your distributed industrial process, measurement and control application with ISaGRAF. Then upload your program to the MSX-Box, which executes it automatically.

Signal acquisition with the Ethernet-ready MSX-Box

- Acquisition of
 - up to 192 digital I/O, 24 V, isolated
 - up to 96 analog I/O, 16-bit, isolated
 - a combination of both digital and analog
- Cabling through shielded round cable to a terminal screw panel with LEDs for digital signals or transorb diodes for analog signals.

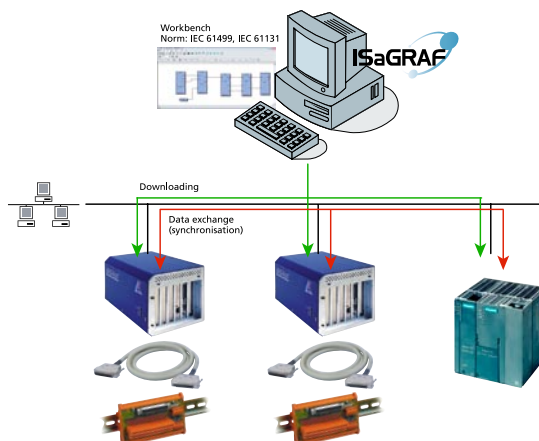
Main MSX-Box features:

- Compact system for decentral measurement and regulation tasks
- 64-bit MIPS processor
- Open and scalable:
 - MSX-Box 500: 3 free PCI slots for data acquisition boards
 - MSX-Box 800: 6 free PCI slots for data acquisition boards
- Flexible I/O configuration through PCI boards:
 - APCI-1500: 32 digital I/O, 24 V, isolated
 - APCI-3120-16-8: 16 single-ended or 8 differential analog inputs, 16-bit, 8 analog outputs, 14-bit
- Ethernet-ready (TCP/IP)
- CAN interface
- Fast application development with ISaGRAF, IEC61499 and IEC61131 workbench
- DIN-rail mounting
- Main unit 220 V, 24 V, 12 V
- Safety for your investment, long-term availability

New Soft PLC Distributed Data Acquisition System: MSX-Box + ISaGRAF

Your benefits

- Simplified synchronisation process between several MSX-Boxes and other devices.
- Accessible to automation engineers thanks to object-oriented programming.
- Flexible I/O configuration



Your partner for interference-free measurement



The company **Addi-Data**, located in the German Federal State Baden-Württemberg, develops and sells Embedded solutions und PC measurement boards for industrial measurement and automation.

Product range:

- Embedded systems
- Ethernet I/O modules
- PC measurement boards: digital I/O, 24 V, multifunction counter boards, analog and multifunction boards, boards for the acquisition of transducers, strain gauges and Pt100 / thermocouples, 1- to 8-port communication boards, motion control boards.

All products are delivered with free drivers, accessories (cables, screw terminal panels) are available.