Technical Information   IQAN Software Studios Software Tools

Ordering part numbers

20073643
IQAN Creative Studio

20073644
IQAN Productive Studio

20073642
IQAN Active Studio

Operating system requirements

Windows XP, Windows Vista, Windows 7 or Windows 8.

IQAN Software Studios are delivered on USB flash drive. Printed user manuals and cables are not included. Order the accessories you need from the list below.

Accessories

5030103

RS-232 cable: 1,5 meters, fits to IQAN-MDL2 (for PC connection to IQANdesign and IQANrun)

5030110

USB cable: 1,5 meters, fits to IQAN-MDL2 (for PC connection to IQANdesign and IQANrun)

5030124

Panel mount USB adapter cable: 0,4 meter, fits to IQAN-MC2, IQAN-MD3

20077780

Ethernet cable: 1,5 meters, fits to IQAN-MD4 (for PC connection to IQANdesign and IQANrun)

Technical Information   **IQAN Software Studios Software Tools**

Machine life cycle model

Having previously been a traditional purchase/sales component, today's control system involves the whole chain of a machine's life, known as its life-cycle cost. LCC plays an increasingly strong role in the end user's decision. It is no longer based on just the up-front product cost.

This puts new demands on the level of co-operation between suppliers and the OEM, on more than the traditional R&D level. Today, an OEM's production department wants to automate, log and trace the delivery status; the service department wants to handle warranties, offer proactive maintenance and download machine upgrades; and the machine owner wants a reliable machine with high productivity and low downtime. To meet all these demands, IQAN Software Studios were designed to fulfill the needs of the machine life cycle model.

The machine life cycle is divided into three phases; development, production and after sales.

Development

The OEM development team considers time to market as one of the most important factors for return on investment. Time to market is primarily set by design time, application programming, simulating, verifying and creating documentation. Finally, the machine is commissioned for production, where user friendly, high-capacity software is essential to meet these demands.

Production

The production department constantly strives for improved quality, simpler configuration, faster start-up and reduced production line set-up time, with the possibility to trace and record delivery status.

After sales

The after sales department wants a reliable machine with minimum downtime, simple maintenance, maximum field service support and the possibility of following up warranty issues.

Software tools

The IQAN software studios cover all phases of a machine's life cycle, from development through production to after sales. There are three different studios available; IQAN Creative Studio, IQAN Productive Studio and IQAN Active Studio.

IQAN Creative studio

IQAN Creative studio is a user-programmable software package for the R&D department. It includes tools for application development, simulation and initial setup.

- IQANdesign
- IQANsimulate
- IQANrun
- IQANanalyze

IQAN Productive studio

IQAN Productive studio is a software package for the manufacturing and service departments. It includes development tools for customization and automation of production and maintenance processes.

- IQANscript
- IQANcustomize
- IQANsimulate
- IQANrun

IQAN Active studio

IQAN Active studio is a software package for service and production personnel. It includes tools for machine diagnostics, setup and simulation.

- IQANrun
- IQANsimulate

IQAN Creative Studio

The main philosophy behind the IQAN Creative Studio is that the OEM, with their extensive knowledge of their machine, should be able to write the desired machine functionality directly, without having programming experience.