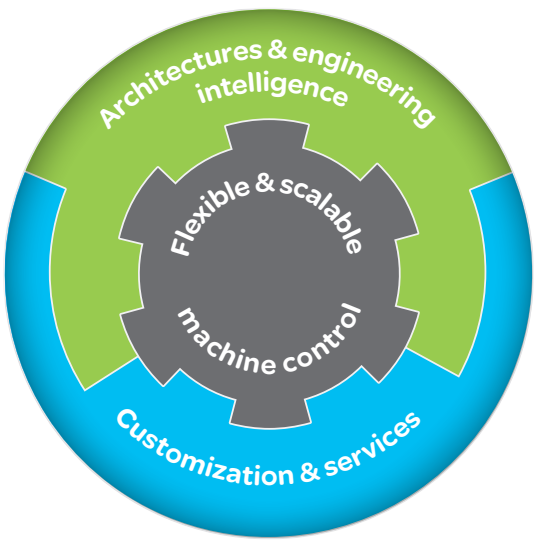# Maximize your business and machine performance with MachineStruxure automation solution.

Machine builders like you are constantly looking for new ways to design and build more innovative machines in less time and at lower cost. The MachineStruxure automation solution can help.
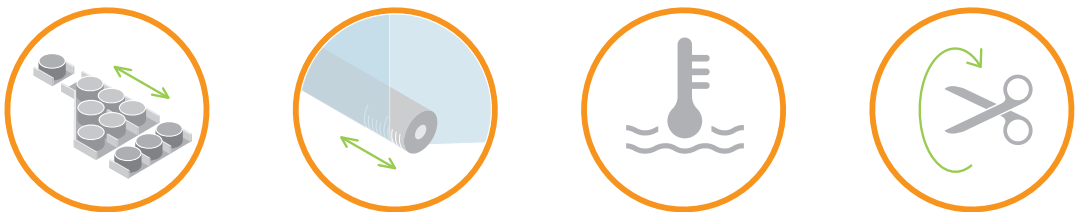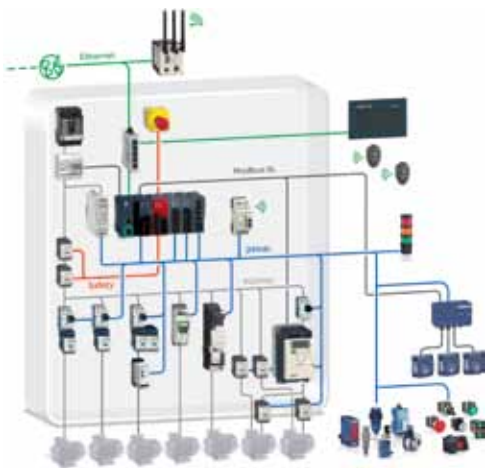
The NEXT generation of MachineStruxure™ automation is a complete machine solution that provides flexible and scalable machine control, ready-to-use architectures, efficient engineering solutions, and comprehensive customization and engineering support services. It can help you meet your challenges for improved efficiency and greater productivity, as well as allow you to deliver higher added value to your customers throughout the entire machine life cycle.

Architectures & engineering intelligence

Flexible & scalable

machine control

Customization & services

Ready-to-use architectures and function blocks

Tested, Validated, and Documented Architectures (TVDAs) are just one of the ways we help you reduce design time.

Whether your machines are simple or complex, Application Function Blocks (AFBs) make system design fast and easy.
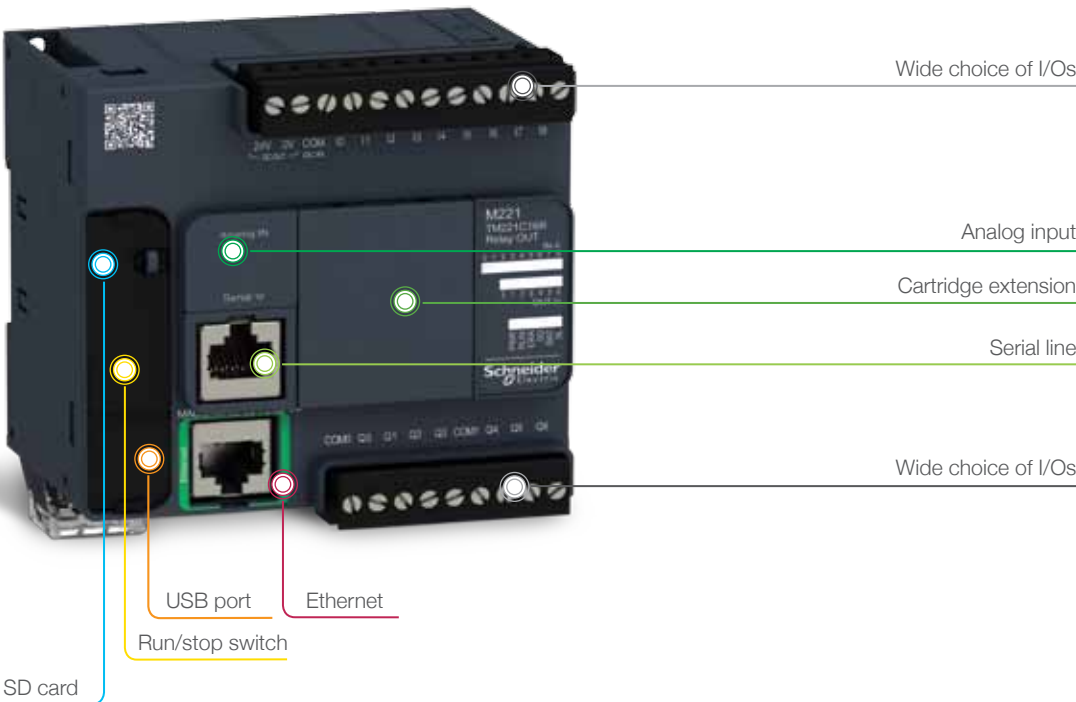
Modicon M221 logic controller: class-leading performance for its size

The Modicon M221 logic controller offers best-in-class performance. Available also in book format, the Modicon M221 requires minimal installation and offers tremendous versatility.

Everything you need is embedded:

> SD card
> USB port
> 2 analog inputs
> Run/stop switch

> Cartridge extension
> Broad choice of I/Os
> Ethernet and serial line ports

Wide choice of I/Os

Analog input

Cartridge extension

Serial line

Wide choice of I/Os

USB port   Ethernet

Run/stop switch

SD card

Thanks to its high degree of flexibility, it's very easy to add additional modules - and still keep everything in just one configuration:

> Safety module
> TeSys™ SoLink motor starter
> Extensive line of analog and digital modules

Intuitive machine programming with SoMachine

SoMachine is the universal programming software for machines automated by MachineStruxure controllers. Simple navigation, requiring fewer clicks, delivers a more efficient engineering process.

But who says that all programs have to be engineered using the same program editor regardless of their complexity? This is why we offer SoMachine™ Basic, a simplified engineering tool for the new Modicon M221. All programming, visualization, and commissioning are handled in just one intuitive tool that is available as a free download — no training required.

Connected everywhere

For simplified maintenance, commissioning, and uploads/downloads — simply use your smartphone or tablet and connect anytime, anywhere.

>

SoMachine simplifies every step in the design and commissioning of your machines.

Fastest and smallest logic controllers
on the market

Flexible and scalable machine control

With the new range of Modicon™ logic controllers, the NEXT generation of MachineStruxure is now better positioned than ever to provide flexible and scalable machine control. Ethernet connectivity, USB port for programming, and an embedded Web server: it's all included.

Best-in-class
performance

Performance

Modicon LMC078
motion controller

Modicon LMC058
motion controller

Modicon M258
logic controller

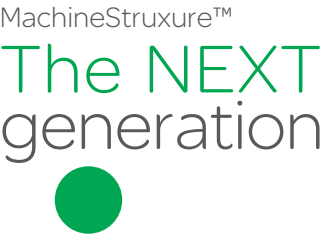**Modicon M251**
logic controller

Modicon M241
logic controller

Modicon M221
logic controller

From logic to motion control, the Modicon range offers flexibility and scalability to suit your needs

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MachineStruxure™
The NEXT
generation

Meet the NEXT generation of MachineStruxure! MachineStruxure embeds all the features and functions you need to build your machines faster and more profitably.
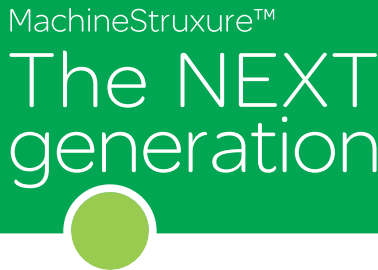
For more product information, scan the QR code or visit our web site at www.schneider-electric.us/go/NextGenMSX

Make the most of your energy^{SM}

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June 2014

MachineStruxure™
The NEXT
generation

Achieve benchmark performance
while increasing profitability.
Modicon M221 logic controller

Schneider Electric