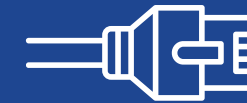




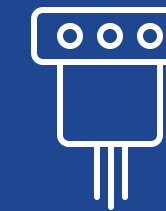
The New *Millenium*

Discover the evolution



Integrated Ethernet
port TCP/IP

[Read more](#)



Modbus RS-485 port
optional

[Read more](#)



Memory interface
with SD card

[Read more](#)



Doubled
internal memory

[Read more](#)



Up to 60
inputs/outputs

[Read more](#)



3-color display
on 6 lines

[Read more](#)



Webserver

[Read more](#)

PROGRAMM TRANSFER

Millenium 3 Soft to Crouzet Soft

- Software upgrade with new features
- A more intuitive user interface
- **A simple 4-step transition:**

1



Download and install Crouzet soft
available on Crouzet.com

2



Select the equivalent controller

3



Open your existing program

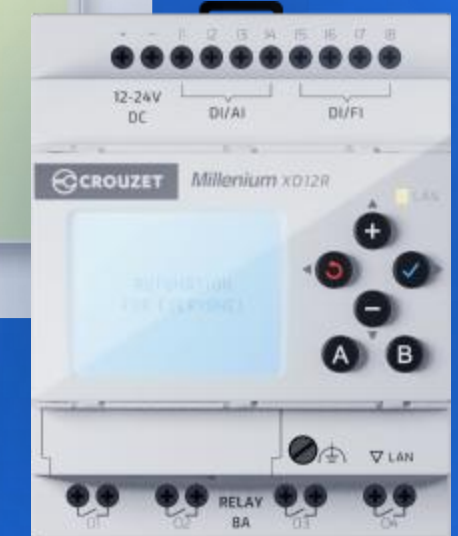
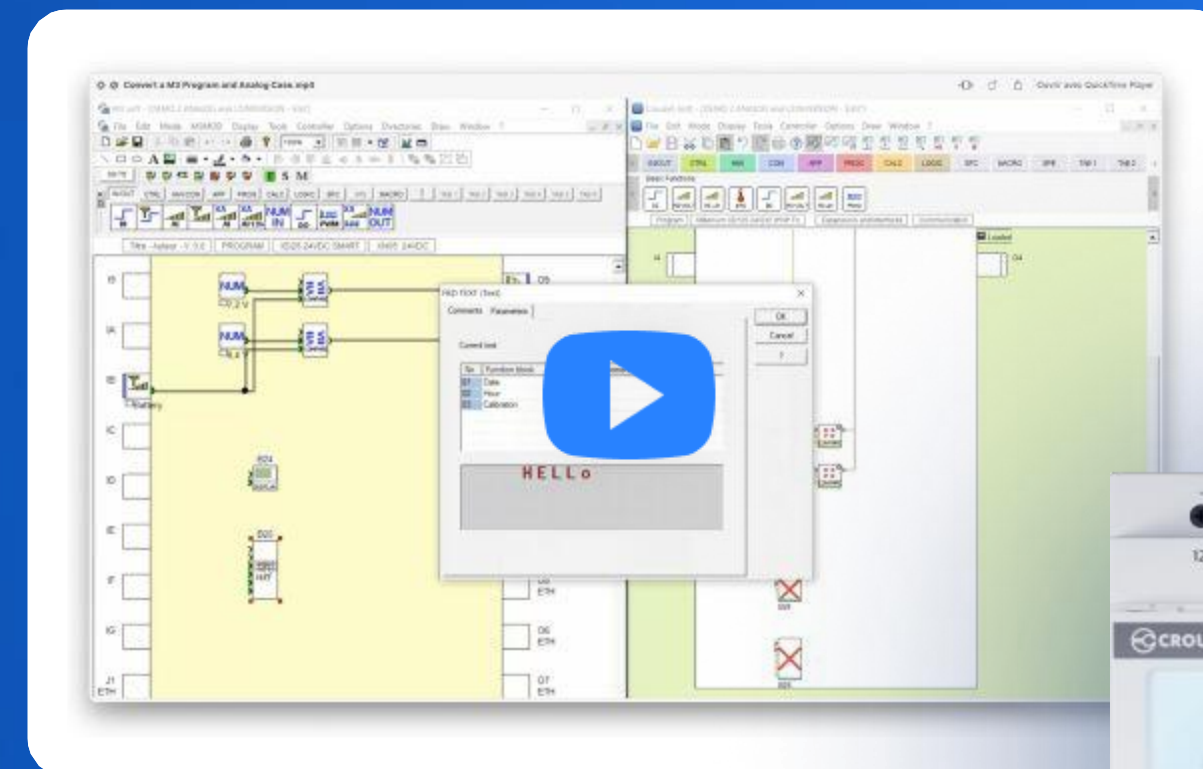
4



Adapt inputs/outputs and edit



Download the transition kit



Detailed comparison of logic controllers

Millenium 3



New Millenium



1 - [COMMUNICATION](#)

2 - [INTERCHANGEABLE INTERFACE](#)

3 - [INPUTS / OUTPUTS](#)

4 - [PROGRAMMING](#)

5 - [DISPLAY SPECIFICATIONS](#)

6 - [NAVIGATION](#)

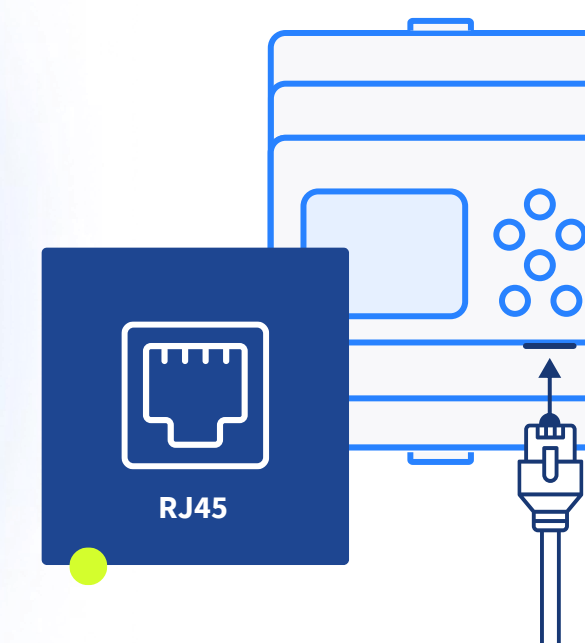


COMMUNICATION Built-in Ethernet

1

No expansion module needed

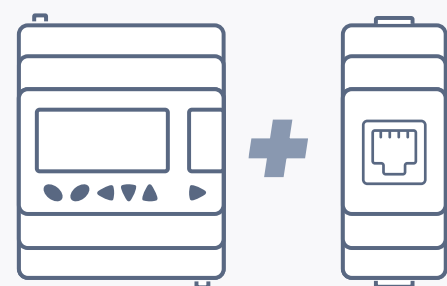
New Millenium



Integrated Ethernet TCP/IP port



Millenium 3

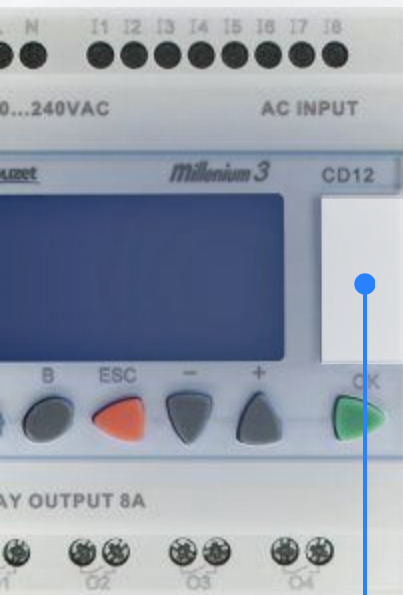


Expansion
Ethernet TCP/IP port



INTERCHANGEABLE INTERFACE MODBUS RS 485 & SD card interface

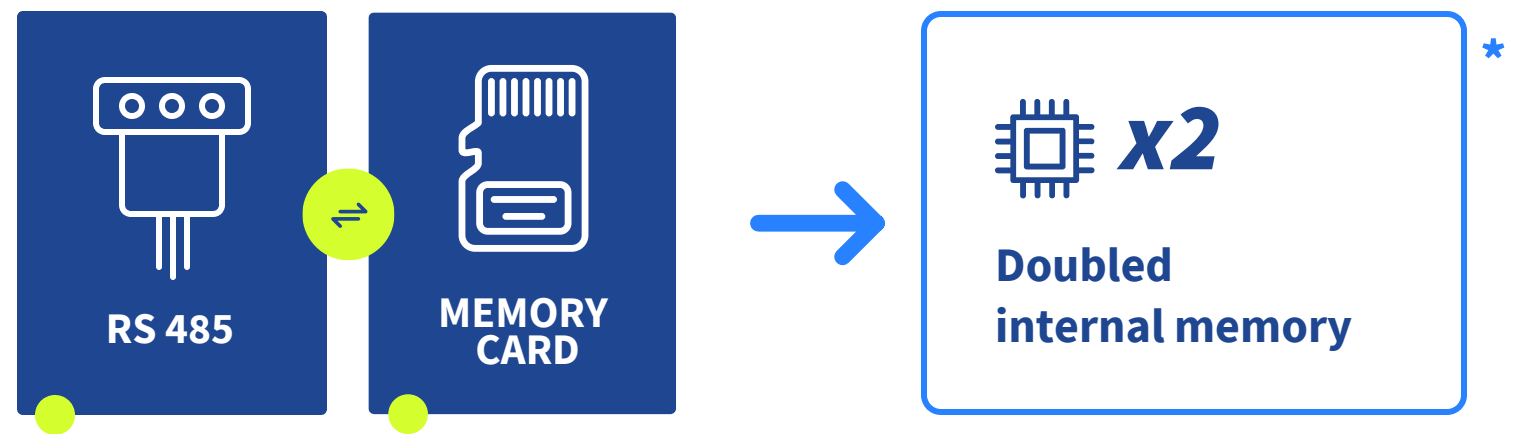
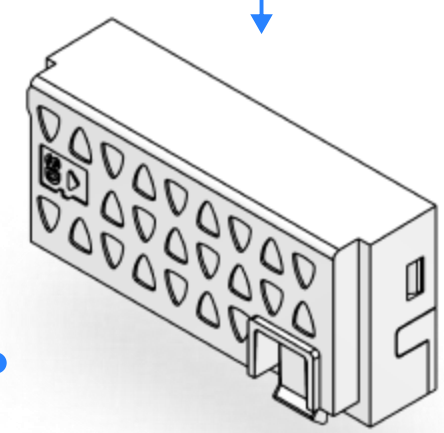
Millenium 3



New Millenium



The 2 models have a memory cartridge



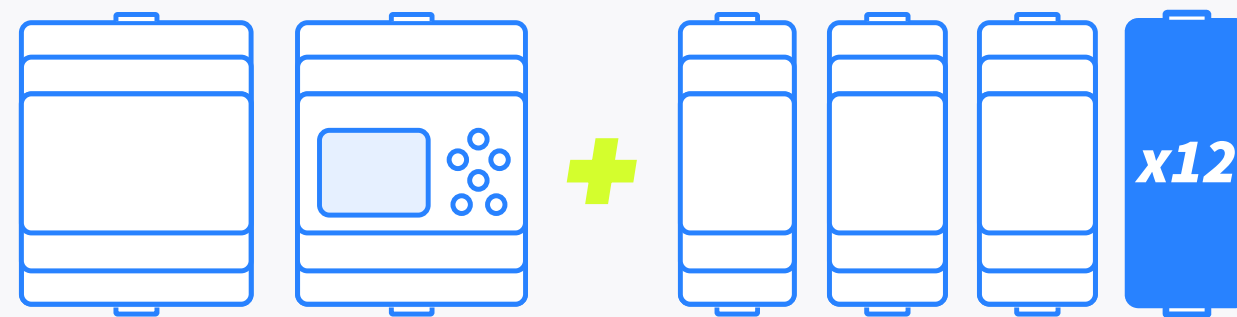
- Extend your PLC memory, perform data, or load a new program
- Modbus RS 485 available on base thanks to an interface
- Up to 2,000 function blocks

*SD card not included

INPUTS / OUTPUTS

Up to 60 I/Os

3



Add up to 12 expansion modules*



Multiple Input Types

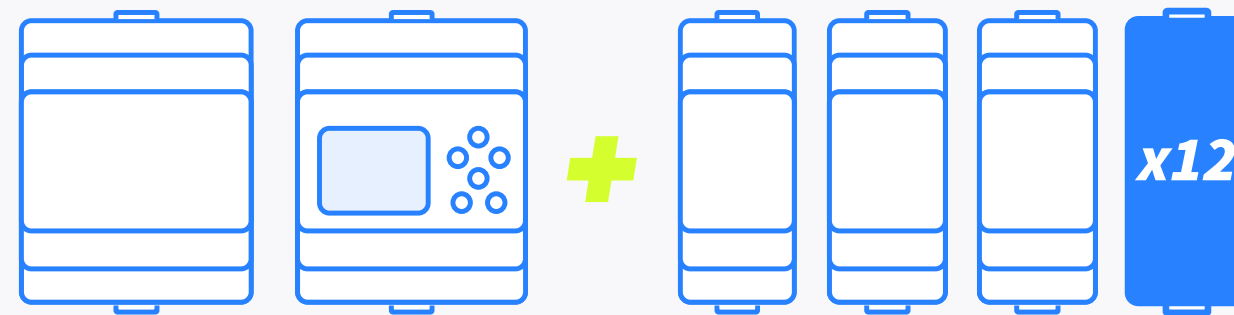


Outputs

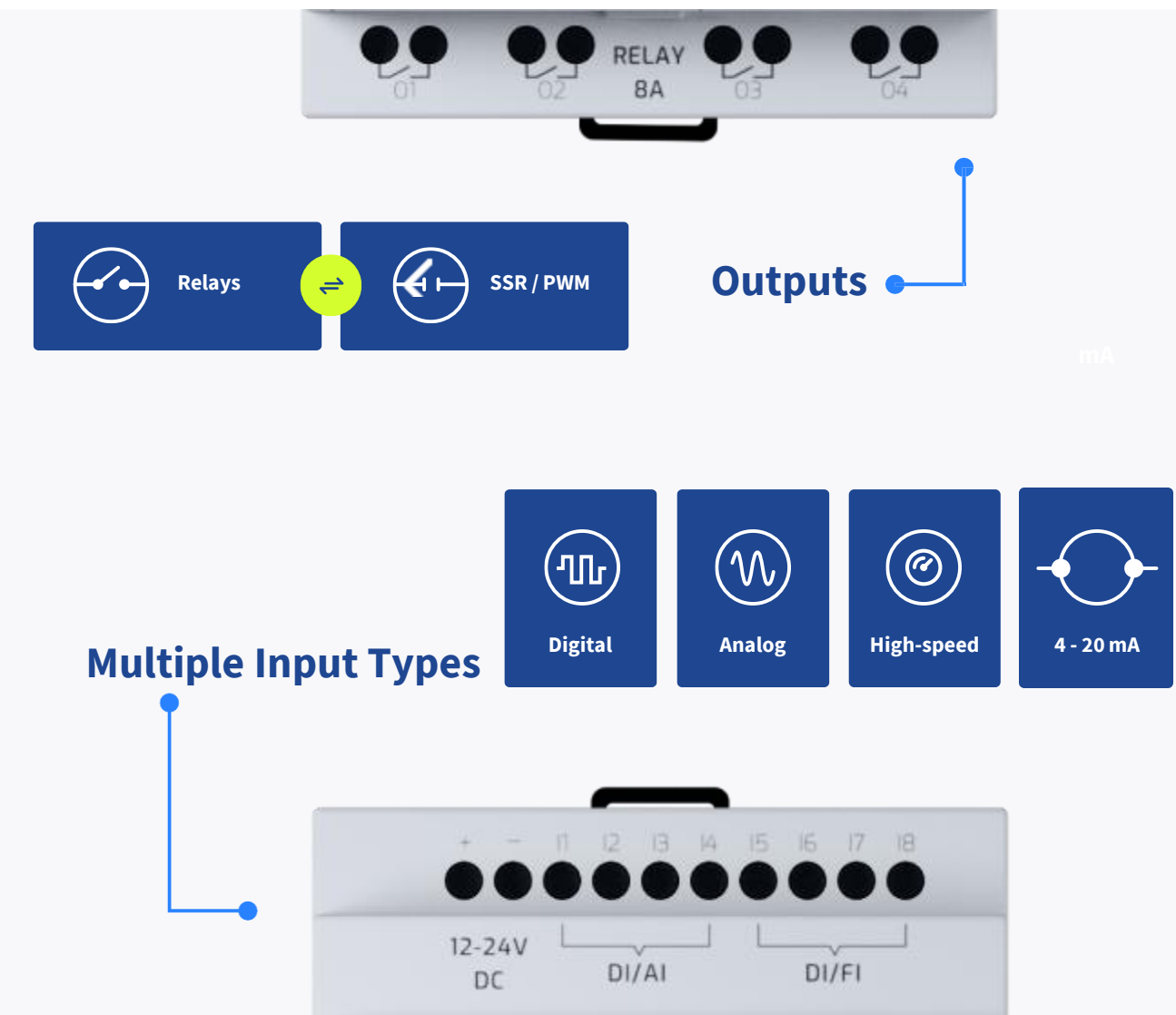


INPUTS / OUTPUTS Up to 60 I/Os

3



Add up to 12 expansion modules*



PROGRAMMING

2 programming modes

4



Visual Function Block programming

More than 2000 FBD (5 times more than market leader)



Ladder, front face programming



Transfer multiple programs at once

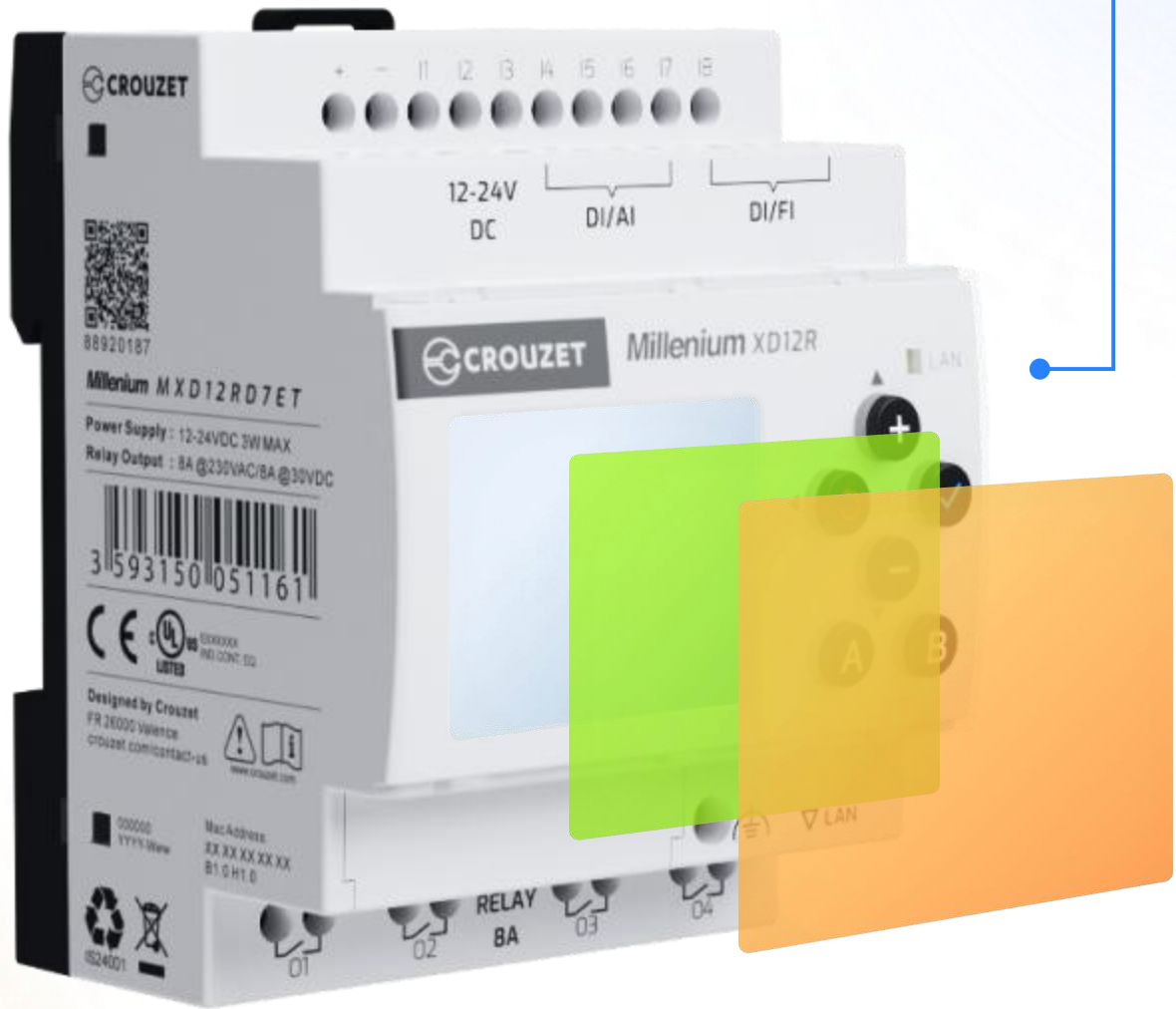
SD card, Laptop and cable

DISPLAY SPECIFICATIONS

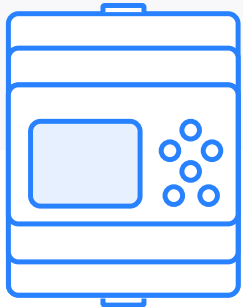
Improved visualization



Status color changing screen :
White, green or orange to easily identify alarm and alert status

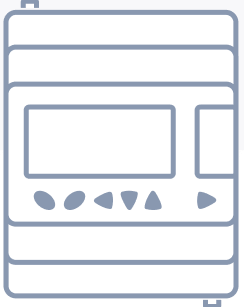


- ✓ **New display**
- ✓ **More information**
- ✓ **Tri-color screen**



New Millenium

6 lines
24 characters/line
3 colors



Millenium 3

4 lines
18 characters/line
1 color

Same buttons, new usability

New Millenium



A diagram showing a central circle with a minus sign, surrounded by six other circles: a plus sign at the top, a checkmark at the top-right, a circle with 'B' at the bottom-right, a circle with 'A' at the bottom-left, a circle with a refresh symbol at the top-left, and a circle with a left arrow at the far left. Arrows point from the central circle to each of the surrounding circles.

☑

Easy access to your data and process thanks to our new navigation interface



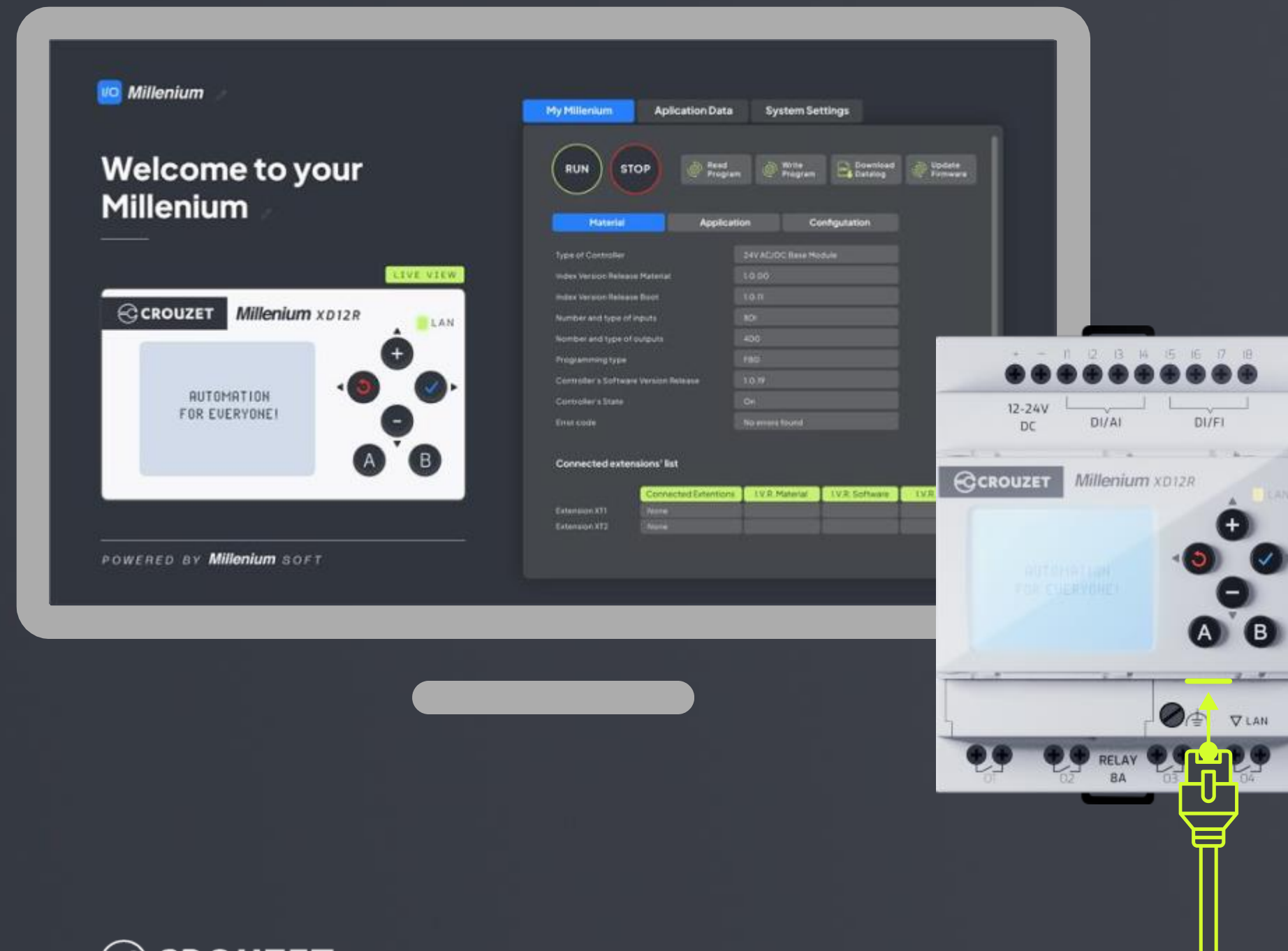
Millenium 3



PRODUCT SETTINGS

Access to a webserver

-  **Monitor at a distance inside your network**
-  **Make sure your application is running**
-  **Receive alerts**
-  **Simplify your maintenance operations**



YOUR CUSTOM-MADE PRODUCT

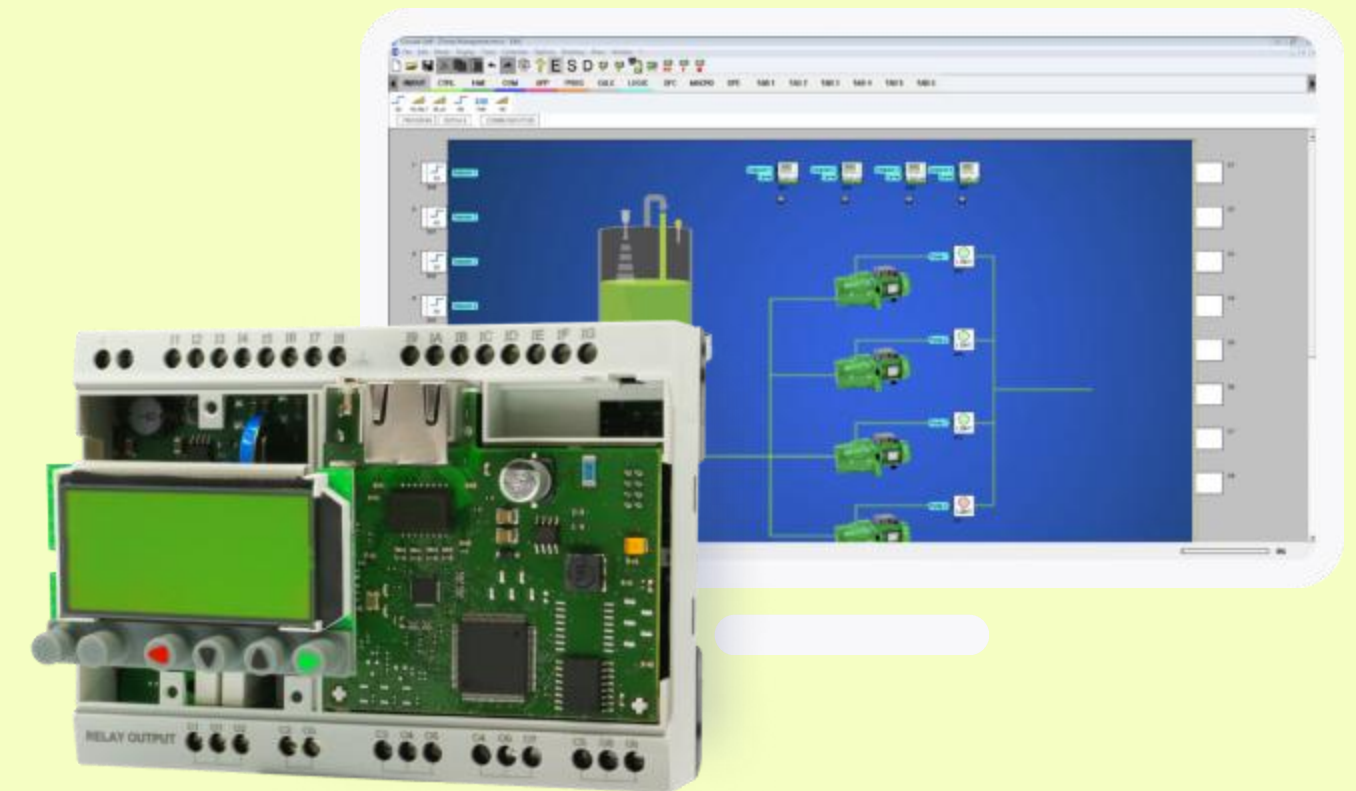
Design Lab

DESIGN LAB



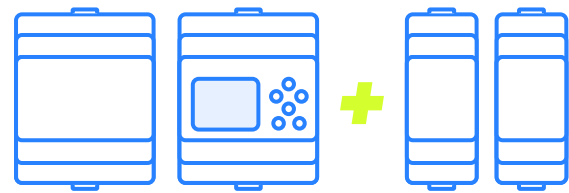
From simple adaptations to custom designs

When your application requires more than standard products, our DesignLAB team, with 100+ experts in electromechanics, electronics & software, is ready to partner with you in the development of the best customized solution dedicated to your project.





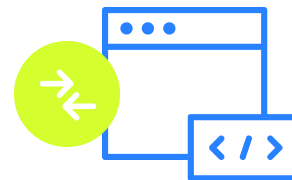
Easier, Better, Faster, Stronger



Simplify

- ✓ Modular offer
- ✓ Simplify range with display or blind versions
- ✓ All models now expandable

M3 Soft
Crouzet soft



Compatibility

- ✓ Compatible with existing programs
- ✓ Upgraded software with new features
- ✓ A more intuitive interface



What's new

- ✓ Integrated Ethernet TCP/IP port
- ✓ Modbus RS-485 port optional
- ✓ Memory interface on SD card
- ✓ Doubled internal memory
- ✓ Up to 60 inputs/outputs
- ✓ 3-color display on 6 lines
- ✓ Webserver

The *Millenium*® range



→ New controller 12 I/Os
With display and without display versions

→ New expansions
Digital or Analog 35mm / Digital 70mm



[view technical details](#)



The *Millenium* range

New controller 12 I/Os
I/Os

With display

Without display



MXD12RU3ET

MXD12RU1ET

MXD12SD1ET

MXD12RD7ET

MXB12RU3ET

MXB12RU1ET

MXB12SD1ET

MXB12RD7ET

DISPLAY	Tricolor - 6 Lines	Tricolor - 6 Lines	Tricolor - 6 Lines	Tricolor - 6 Lines	-	-	-	-
SIZE	70 mm	70 mm	70 mm	70 mm	70 mm	70 mm	70 mm	70 mm
SUPPLY	110-230 V AC/DC	24 V AC/DC	24 V DC	12-24V DC	110-230 V AC/DC	24 V AC/DC	24 V DC	12-24V DC
INPUTS	8 Digital	8 Digital	4 Digital/Analog 4 Digital/HighSpeed	4 Digital/Analog 4 Digital/HighSpeed	8 Digital	8 Digital	4 Digital/Analog 4 Digital/HighSpeed	4 Digital/Analog 4 Digital/HighSpeed
OUTPUTS	4 Relay - 8A	4 Relay - 8A	4 SSR/PWM – 0.3A	4 Relay - 8A	4 Relay - 8A	4 Relay - 8A	4 SSR/PWM – 0.3A	4 Relay - 8A
EXPANDABLE	Yes, up to 60 I/Os	Yes, up to 60 I/Os	Yes, up to 60 I/Os	Yes, up to 60 I/Os	Yes, up to 60 I/Os	Yes, up to 60 I/Os	Yes, up to 60 I/Os	Yes, up to 60 I/Os
COMMUNICATION	Ethernet, Modbus (with interface)	Ethernet, Modbus (with interface)	Ethernet, Modbus (with interface)	Ethernet, Modbus (with interface)	Ethernet, Modbus (with interface)	Ethernet, Modbus (with interface)	Ethernet, Modbus (with interface)	Ethernet, Modbus (with interface)
DATALOG	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MEMORY	Memory Card	Memory Card	Memory Card	Memory Card	Memory Card	Memory Card	Memory Card	Memory Card
SOFTWARE	 Crouzet Soft	 Crouzet Soft	 Crouzet Soft	 Crouzet Soft	 Crouzet Soft	 Crouzet Soft	 Crouzet Soft	 Crouzet Soft



[view expansions](#)



The *Millenium* range

New expansions

expansions

Digital 70mm



MXR16U3 MXR16U1 MXR16D7 MXS16D1

Digital 35mm



MXR08U3 MXR08U1 MXR08D7 MXS08D1

Analog 35mm



MXAI02D7 MXAO02D1 MXAI02PD7

SIZE	70 mm	70 mm	70 mm	70 mm	SIZE	35 mm	35 mm	35 mm	35 mm	SIZE	35 mm	35 mm	35 mm
SUPPLY	110-230 V AC/DC	24 V AC/DC	12-24 V DC	24 V DC	SUPPLY	110-230 V AC/DC	24 V AC/DC	12-24 V DC	24 V DC	SUPPLY	12-24 V DC	24 V DC	12-24 V DC
INPUTS	8 Digital	8 Digital	8 Digital	8 Digital	INPUTS	4 Digital	4 Digital	4 Digital	4 Digital	INPUTS	2 Analog (V/mA)	-	2 RTD
OUTPUTS	8 Relay	8 Relay	8 Relay	8 SSR	OUTPUTS	4 Relay	4 Relay	4 Relay	4 SSR	OUTPUTS	-	2 Analog (V/mA)	-

Memory Card Interface



RS485 interface





*THANK YOU FOR YOUR
ATTENTION!*

For more information visit : www.crouzet.com