

# How to Choose your PLC Family

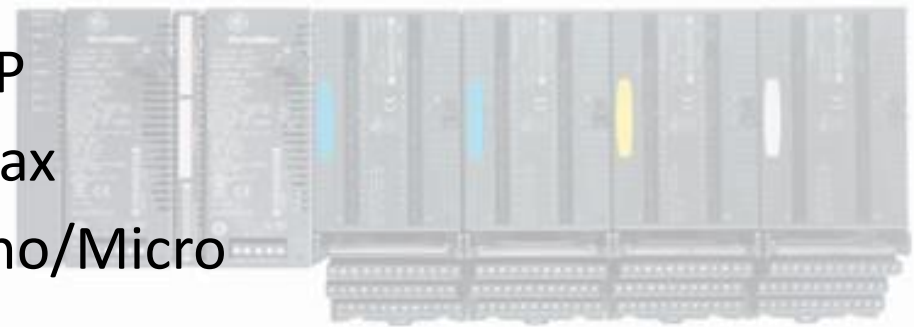


RX3i

RSTI-EP

VersaMax

Versamax Nano/Micro



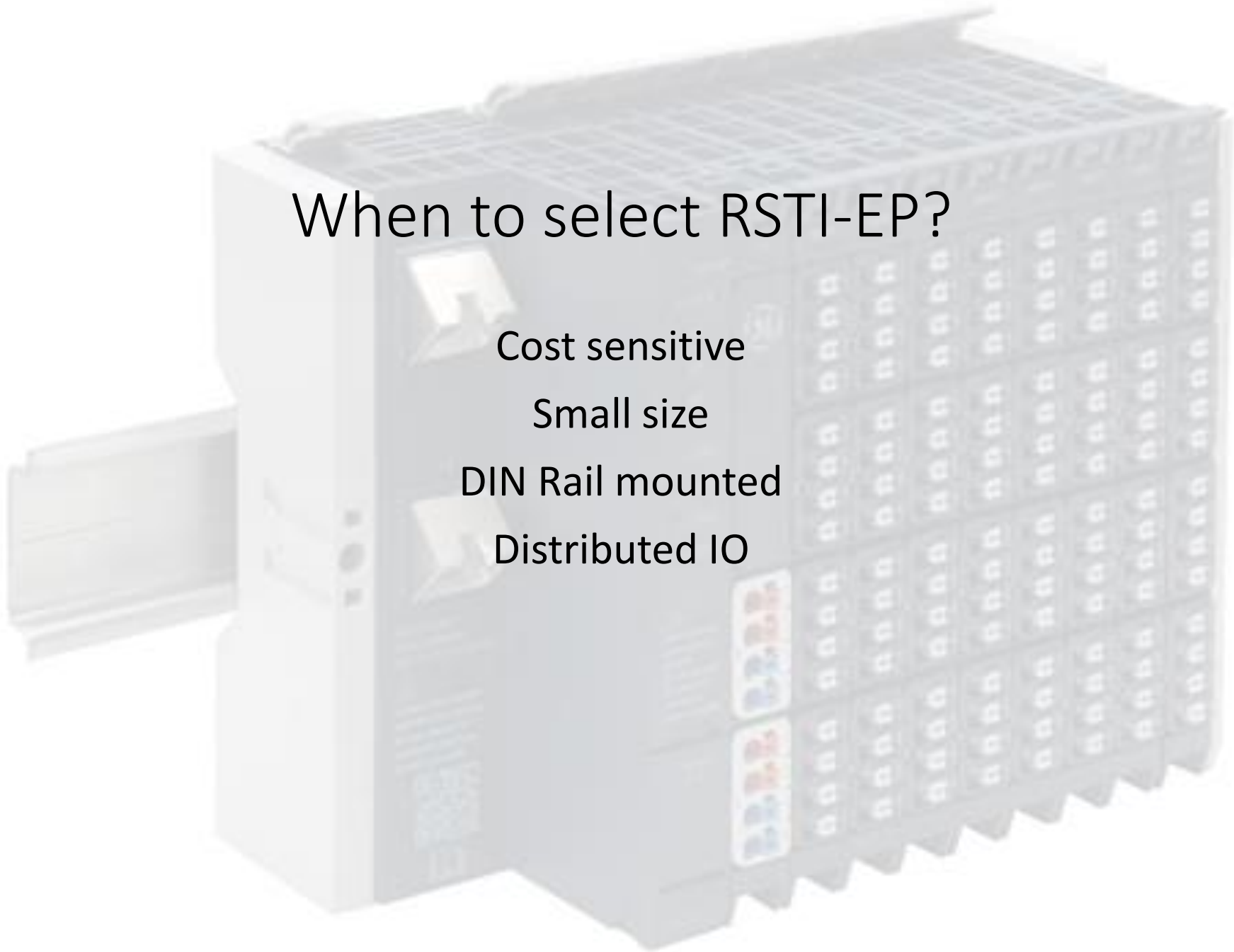
# When to select RSTI-EP?

Cost sensitive

Small size

DIN Rail mounted

Distributed IO



# How to build RSTI-EP?



CPE200 series



RSTI-EP Modules

## Standalone System

1. CPE200 series modules connect directly to CPU.
2. RSTI-EP modules



CPE100 series

Ethernet cable



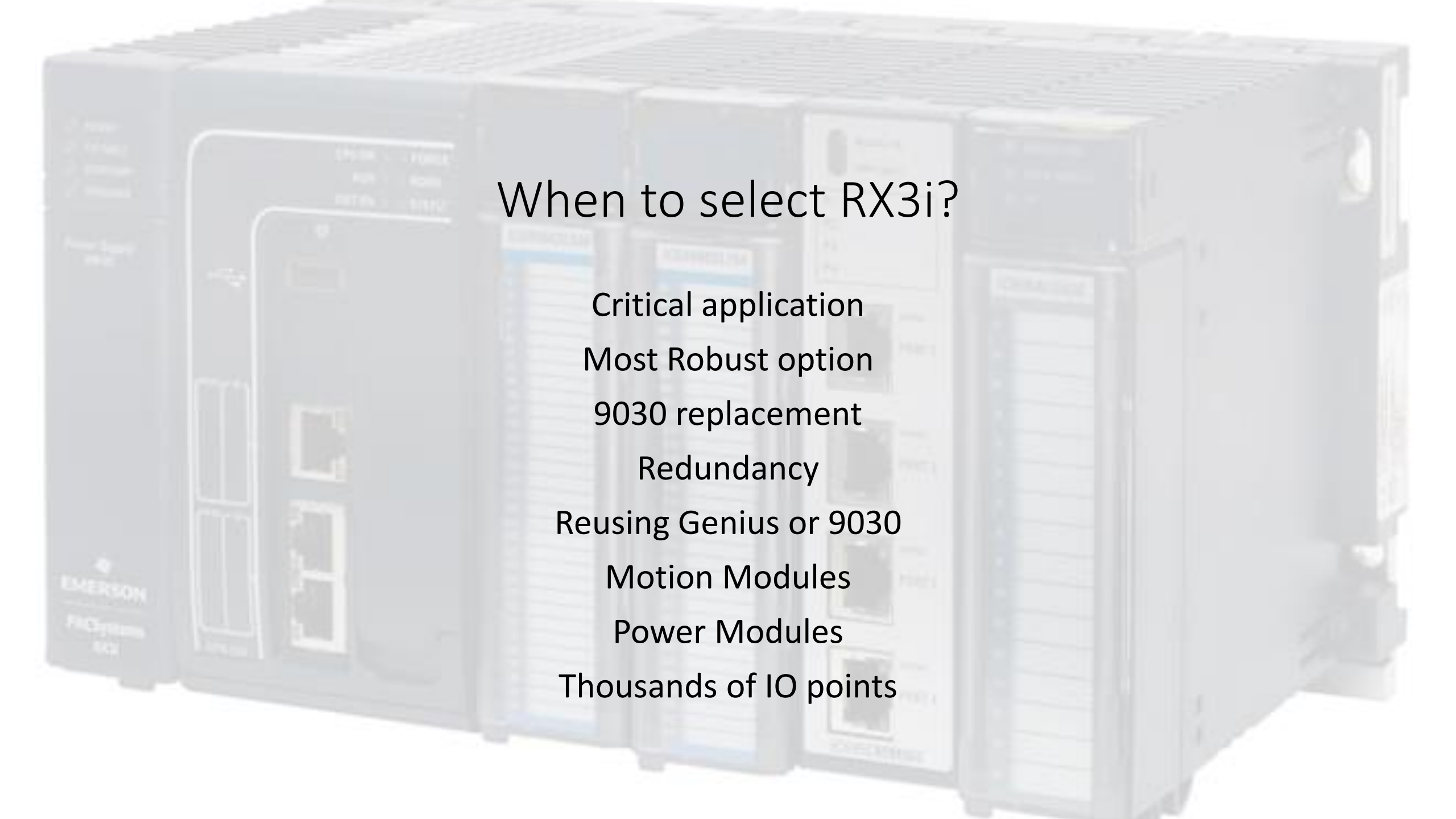
RSTI PNS network module



RSTI-EP Modules

## Network System

1. CPE100 series Built in Profinet controller.
2. Profinet Scanner \*required to attach modules
3. RSTI-EP modules

A photograph of an Emerson RX3i PLC rack, showing several modules installed. The rack is dark grey with a perforated top. The front panel features a power supply module on the left, followed by several I/O modules. The Emerson logo and 'RX3i' are visible on the left side. The text 'When to select RX3i?' is overlaid on the right side of the image.

## When to select RX3i?

Critical application

Most Robust option

9030 replacement

Redundancy

Reusing Genius or 9030

Motion Modules

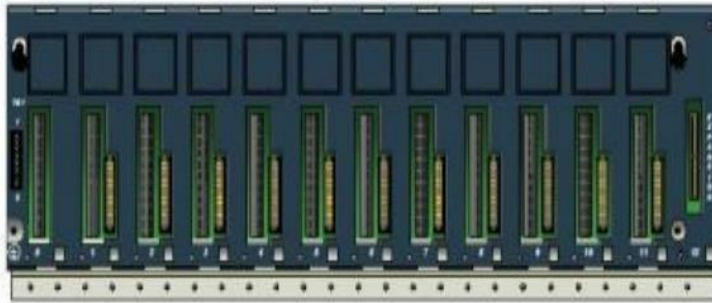
Power Modules

Thousands of IO points

# How to build?



1



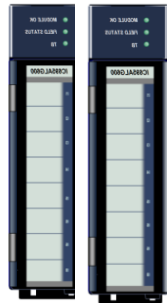
2



3



4



5



Rack, CPU, Power supply, modules required

1: Rack or Backplane. Choose a size that will have enough room. 7, 12, and 16 slot available. When in doubt, build in PME.

2: CPU certain CPUs will take 2 slots. If redundant application choose IC695CPE330

3: Power supply. AC power supplies take 2 slots. Also multiple power supplies can go in a rack if needed.

4: Modules. Inputs/outputs/networking...

5: Serial Expansion **option**. LRE001 is serial expansion to IC694 or IC693 rack only. Profinet is the other option.

I need a PLC!

Migrating GE 9030?

YES

NO

RX3i System



Needs to be:  
Most rugged you have  
Power monitoring  
Works w/ Genius blocks  
Motion control  
For Critical Applications

YES

NO

Redundant  
(High Availability)

NO

Latest and greatest with edge computing

NO

Choose CPU  
CPE302  
CPE305  
CPE310  
+backplane, PS,  
and needed modules

YES

YES

CPE330  
Each rack needs  
CPU, (2) RMX128s,  
PNC, 2 power  
supplies

YES

Fastest switchover \$\$\$

NO

300ms is fast enough \$\$

CPE400  
CPL410  
(linux)

Refuse to change from Versamax or Versamax Micro

YES



Sell them the outdated Legacy products:  
Versamax  
Versamax Micro/Nano  
RSTI Slice  
\*All 20 year old technology

NO

RSTI-EP System



CPU and IO in the same cabinet?

YES

Choose CPU  
CPE205  
CPE210  
CPE215  
CPE220  
CPE240

NO

Choose CPU  
CPE100  
CPE115



Require Profinet scanner module  
EPXPNS001

Select RSTI-EP modules to suite input and output requirements

If the RSTi-EP modules do not have the required functionality performance needed, consider the RX3i