

# Modicon Atrium and Modicon Premium Processors Unity Operating Systems Compatibility Rules

This document concerns Operating Systems compatibility, exceptions and recommendations for native Unity Processors. Please refer to "Release Notes" documentation of Unity Pro for information about compatibility between Operating System versions, application program versions and Unity Pro versions.

## Definitions

PV = Product Version. It increases by one digit when a functional change is made in OS, in Coprocessor or in Hardware part. SV = Software Version, the version of the Operating system  
Copro = Coprocessor: embedded Ethernet port.

## Compatibility Rules & Recommendations

- 1/ Processor Operating System are upward compatible: it is always allowed to update a PV/SV processor with a higher Operating System version (e.g. SV+1).
- 2/ It is always advised to upgrade the SV of a processor with the latest available version.
- 3/ It is not recommended to downgrade the SV of a Processor.
- 4/ It is recommended to adjust the copro version with the associated OS version as indicated in the tables below.
- 5/ It is mandatory to upgrade the ETH module before the Processor OS.

## **▲ WARNING**

Do not download an OS version 2.31 or lower in the following Processors. In case of non respect of this warning, it will not be possible to change the OS version anymore.

**Failure to follow these instructions can result in death, serious injury or equipment damage.**

Premium	PV
TSXP57454M	PV >= 13
TSXP574634M	PV >= 13
TSXP57554M	PV >= 13
TSXP575634M	PV >= 18

**Minimum version required to update Premium from PL7 to Unity:**

Premium	PV	SV
TSXP57103M	not applicable	
TSXP57153M	not applicable	
TSXP57203M	>=01	>=5.0
TSXP57253M	>=01	>=5.0
TSXP57453M	not applicable	
TSXP572623M	>=01	>=5.4
TSXP57303M	>=01	>=5.0
TSXP57353M	>=01	>=5.0
TSXP573623M	>=01	>=5.4

**Launch history**

	ATRIUM	
	TSXPCI57204M	TSXPCI57354M
	OS	OS
PV01	-	-
PV02	-	SV2.0
PV03	SV1.0	SV2.01
PV04	SV2.0	SV2.02
PV05	SV2.01	SV2.10
PV06	SV2.02	SV2.11
PV07	SV2.10	SV2.2
PV08	SV2.11	SV2.3
PV09	SV2.2	SV2.31
PV10	SV2.3	SV2.4
PV11	SV2.31	SV2.5
PV12	SV2.4	SV2.6
PV13	SV2.5	-
PV14	SV2.6	-

	PREMIUM													
	TSXP57024M TSXP57C024M TSXP57104M TSXP57154M	TSXP57254M TSXP57354M	TSXP571634M		TSXP57204M TSXP57304M	TSXP572634M TSXP573634M		TSXP574634M		TSXP57454M TSXP57554M	TSXP575634M		TSXP576634M	
	OS	OS	OS	ETY Port	OS	OS	ETY Port	OS	Copro	OS	OS	Copro	OS	Copro
PV01	-	-	-	-	SV0.64	SV0.64	V3.0 (IE40)	-	-	-	-	-	-	-
PV02	-	-	-	-	SV1.0	SV1.0	V3.0 (IE46)	SV2.0	V2.0 (IE56)	SV2.0	-	-	-	-
PV03	SV2.0	SV2.0	SV2.0	V3.1 (IE58)	SV1.0	SV1.0	V3.0 (IE46)	SV2.01	V2.0 (IE56)	SV2.01	-	-	SV2.4	V2.4 (IE72)
PV04	SV2.01	SV2.01	SV2.01	V3.1 (IE58)	SV2.0	SV2.0	V3.1 (IE58)	SV2.02	V2.0 (IE56)	SV2.02	-	-	SV2.5	V2.5 (IE77)
PV05	SV2.02	SV2.02	SV2.02	V3.1 (IE58)	SV2.01	SV2.01	V3.1 (IE58)	SV2.02	V2.0 (IE56)	SV2.10	-	-	SV2.6	V2.6 (IE81)
PV06	SV2.10	SV2.10	SV2.10	V3.2 (IE70)	SV2.02	SV2.02	V3.1 (IE58)	SV2.10	V2.1 (IE62)	SV2.11	SV1.0	-	-	-
PV07	SV2.11	SV2.11	SV2.11	V3.2 (IE70)	SV2.10	SV2.10	V3.2 (IE70)	SV2.11	V2.1 (IE62)	SV2.2	SV2.0	V2.0 (IE56)	-	-
PV08	SV2.11	SV2.2	SV2.11	V3.2 (IE70)	SV2.11	SV2.11	V3.2 (IE70)	SV2.2	V2.1 (IE62)	SV2.2	SV2.01	V2.0 (IE56)	-	-
PV09	SV2.2	SV2.3	SV2.2	V3.2 (IE70)	SV2.2	SV2.2	V3.2 (IE70)	SV2.2	V2.1 (IE62)	SV2.2	SV2.02	V2.0 (IE56)	-	-
PV10	SV2.3	SV2.31	SV2.3	V3.4 (IE89)	SV2.3	SV2.3	V3.4 (IE89)	SV2.23	V2.1 (IE62)	SV2.23	SV2.02	V2.0 (IE56)	-	-
PV11	SV2.31	SV2.4	SV2.3	V3.4 (IE89)	SV2.31	SV2.3	V3.4 (IE89)	SV2.3	V2.2 (IE69)	SV2.3	SV2.10	V2.1 (IE62)	-	-
PV12	SV2.4	SV2.5	SV2.31	V3.4 (IE89)	SV2.4	SV2.31	V3.4 (IE89)	SV2.31	V2.2 (IE69)	SV2.31	SV2.11	V2.1 (IE62)	-	-
PV13	SV2.5	SV2.6	SV2.4	V3.5 (IE90)	SV2.5	SV2.4	V3.5 (IE90)	SV2.32	V2.2 (IE69)	SV2.32	SV2.2	V2.1 (IE62)	-	-
PV14	SV2.6	-	SV2.5	V4.0 (IE95)	SV2.6	SV2.5	V4.0 (IE95)	SV2.4	V2.4 (IE72)	SV2.4	SV2.2	V2.1 (IE62)	-	-
PV15	-	-	SV2.6	V4.1 (IE02)	-	SV2.6-	V4.1 (IE02)	SV2.5	V2.5 (IE77)	SV2.5	SV2.23	V2.1 (IE62)	-	-
PV16	-	-	-	-	-	-	-	SV2.6-	V2.6 (IE81)	SV2.6-	SV2.3	V2.2 (IE69)	-	-
PV17	-	-	-	-	-	-	-	-	-	-	SV2.31	V2.2 (IE69)	-	-
PV18	-	-	-	-	-	-	-	-	-	-	SV2.32	V2.2 (IE69)	-	-
PV19	-	-	-	-	-	-	-	-	-	-	SV2.4	V2.4 (IE72)	-	-
PV20	-	-	-	-	-	-	-	-	-	-	SV2.5	V2.5 (IE SV2.577)	-	-
PV21											SV2.6	V2.6 (IE81)		

**Note:** To get the SV number of OS, Copro or Ethernet modules please refer to "Premium\_Upgrade\_Procedure" document available on this CD.