

Sysmac Library for NJ/NX/NY Controller

SYSMAC-XR015

# Safety System Monitor Library



**Manage safety programs that run at production sites.**

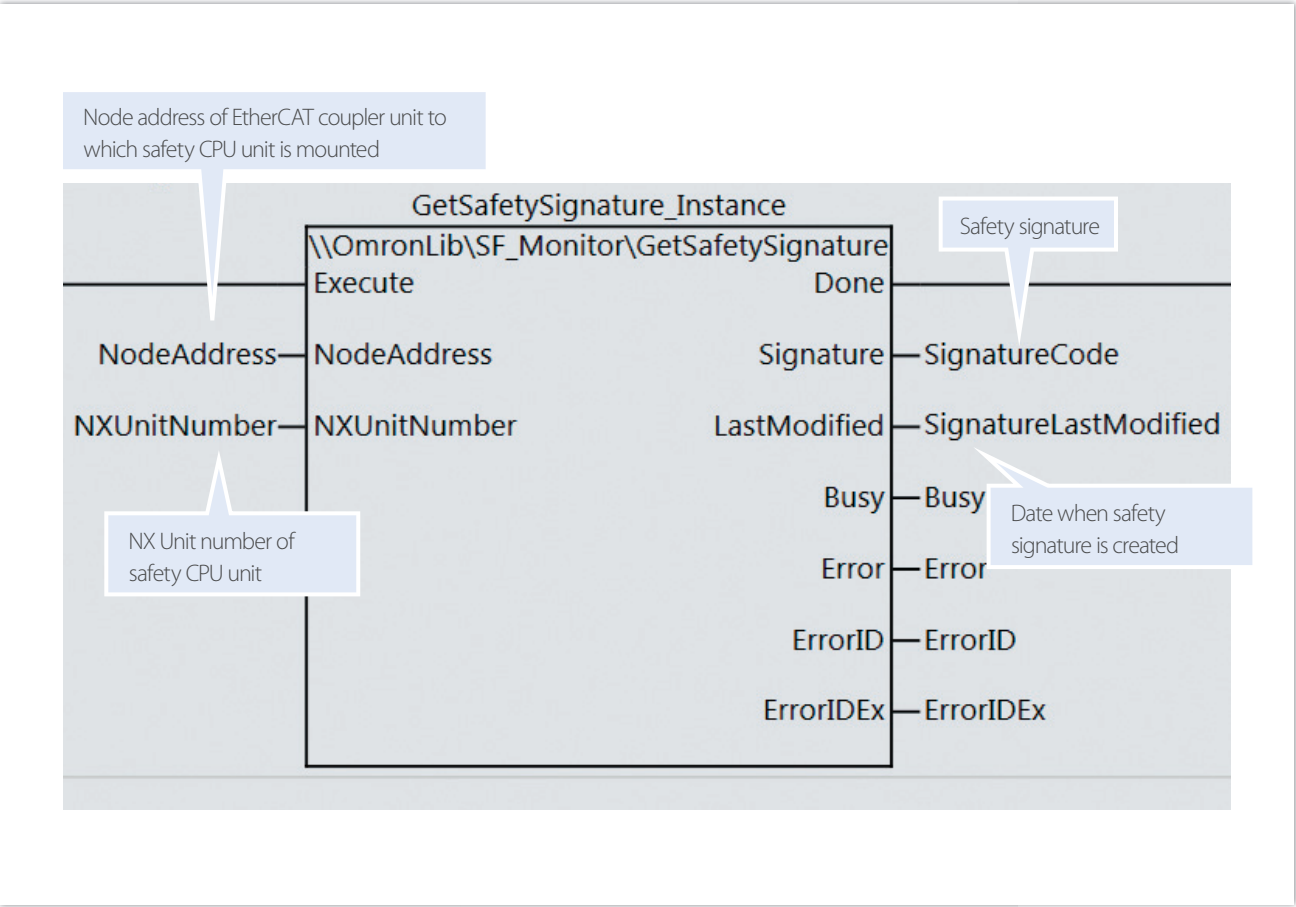
**Issue 1** There is no knowledge which safety program is actually used.

**Issue 2** The last modified date is unclear.

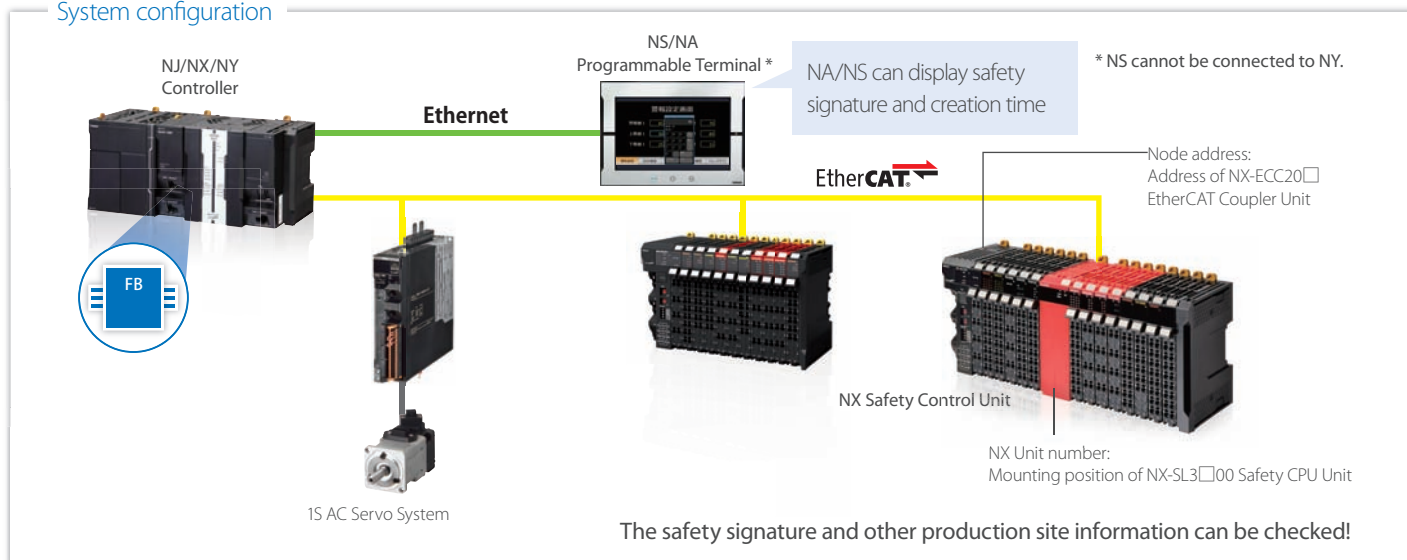
**Issue 3** Whether the intended safety program is running must be checked on site.

## Safety System Monitor Library offers solution!

Previously dedicated software was required to obtain the safety signature of the on-site safety system. The Get Safety Signature Function Block now enables the safety signature to be obtained quickly and to be used for the HMI and other devices.



## System configuration



## Compatible Models

Name	Model	Version
Machine Automation Controller NJ/NX CPU Unit	NX701-□□□□/NJ101-□□□□	Version 1.10 or later
	NJ501-□□□□/NJ301-□□□□	Version 1.07 or later
Industrial PC Platform NY IPC Machine Controller	NY5□□-1	Version 1.12 or later
Automation Software Sysmac Studio	SYSMAC-SE2□□□	Version 1.14 or higher
NX EtherCAT Coupler Unit	NX-ECC201	Version 1.2.1 or later
	NX-ECC202	Version 1.2.1 or later
	NX-ECC203	Version 1.3 or later
NX Safety CPU Unit	NX-SL3□□00	Version 1.00 or later

## Function Block (FB) Specifications

Name	FB name	Description
Get Safety Signature	GetSafetySignature	Acquires the safety signature and signature creation date of the safety system.

Sysmac is a trademark or registered trademark of OMRON Corporation in Japan and other countries for OMRON factory automation products. EtherCAT® is registered trademark and patented technology, licensed by Beckho Automation GmbH, Germany. Other company names and product names in this document are the trademarks or registered trademarks of their respective companies.

Note: Do not use this document to operate the Unit.

**OMRON Corporation** Industrial Automation Company  
Kyoto, JAPAN

Contact: [www.ia.omron.com](http://www.ia.omron.com)

### Regional Headquarters

#### OMRON EUROPE B.V.

Wegalaan 67-69, 2132 JD Hoofddorp  
The Netherlands  
Tel: (31)2356-81-300/Fax: (31)2356-81-388

#### OMRON ELECTRONICS LLC

2895 Greenspoint Parkway, Suite 200  
Hoffman Estates, IL 60169 U.S.A.  
Tel: (1) 847-843-7900/Fax: (1) 847-843-7787

#### OMRON ASIA PACIFIC PTE. LTD.

No. 438A Alexandra Road # 05-05/08 (Lobby 2),  
Alexandra Technopark,  
Singapore 119967  
Tel: (65) 6835-3011/Fax: (65) 6835-2711

#### OMRON (CHINA) CO., LTD.

Room 2211, Bank of China Tower,  
200 Yin Cheng Zhong Road,  
PuDong New Area, Shanghai, 200120, China  
Tel: (86) 21-5037-2222/Fax: (86) 21-5037-2200

### Authorized Distributor:

© OMRON Corporation 2016 All Rights Reserved.  
In the interest of product improvement,  
specifications are subject to change without notice.

CSM\_2\_1\_1116

Cat. No. P119-E1-01

0816(0816)