

Sysmac Library for NJ/NX/NY Controller

SYSMAC-XR015

Safety System Monitor Library



Manage safety programs that run at production sites.

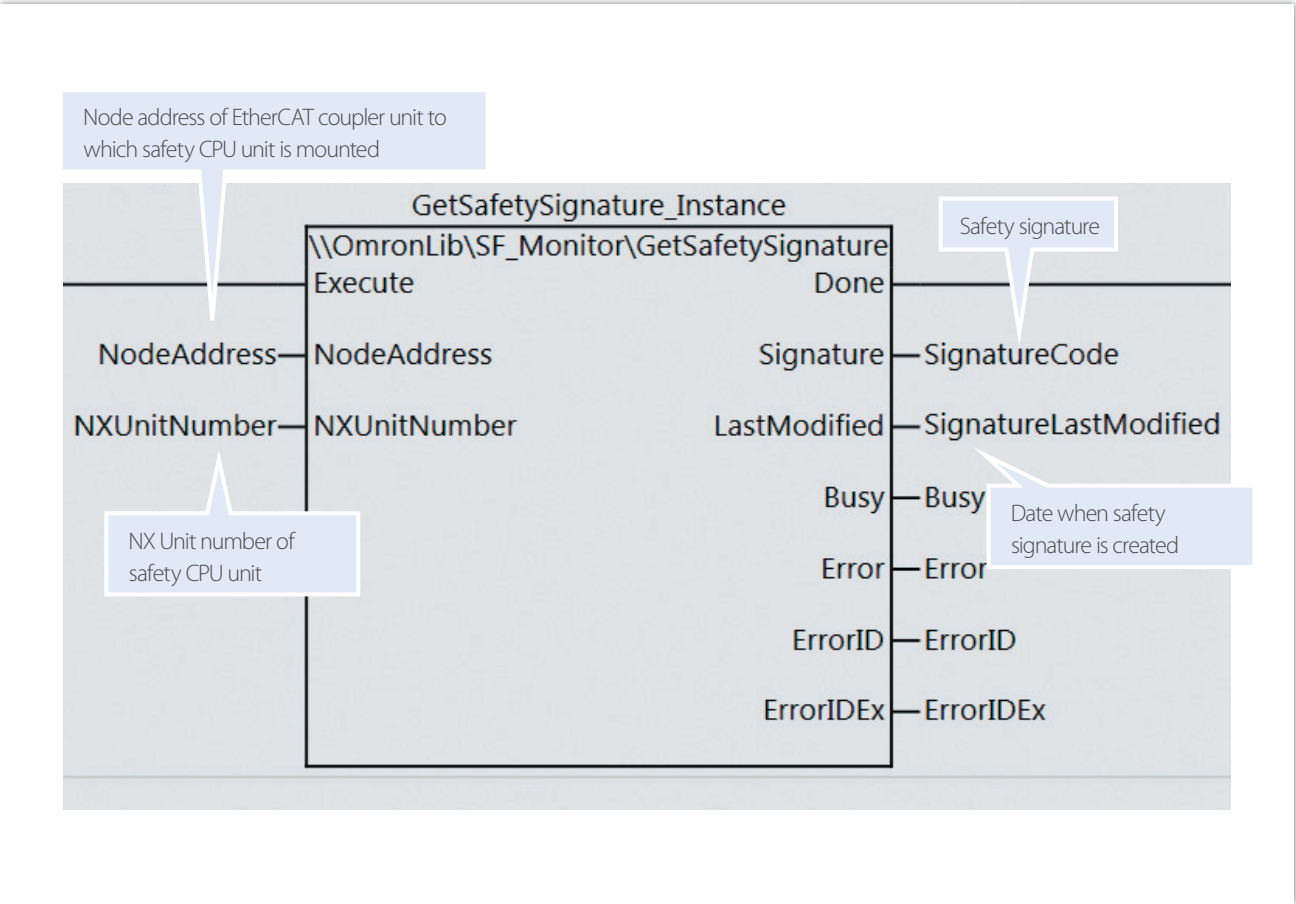
Issue 1 There is no knowledge which safety program is actually used.

Issue 2 The last modified date is unclear.

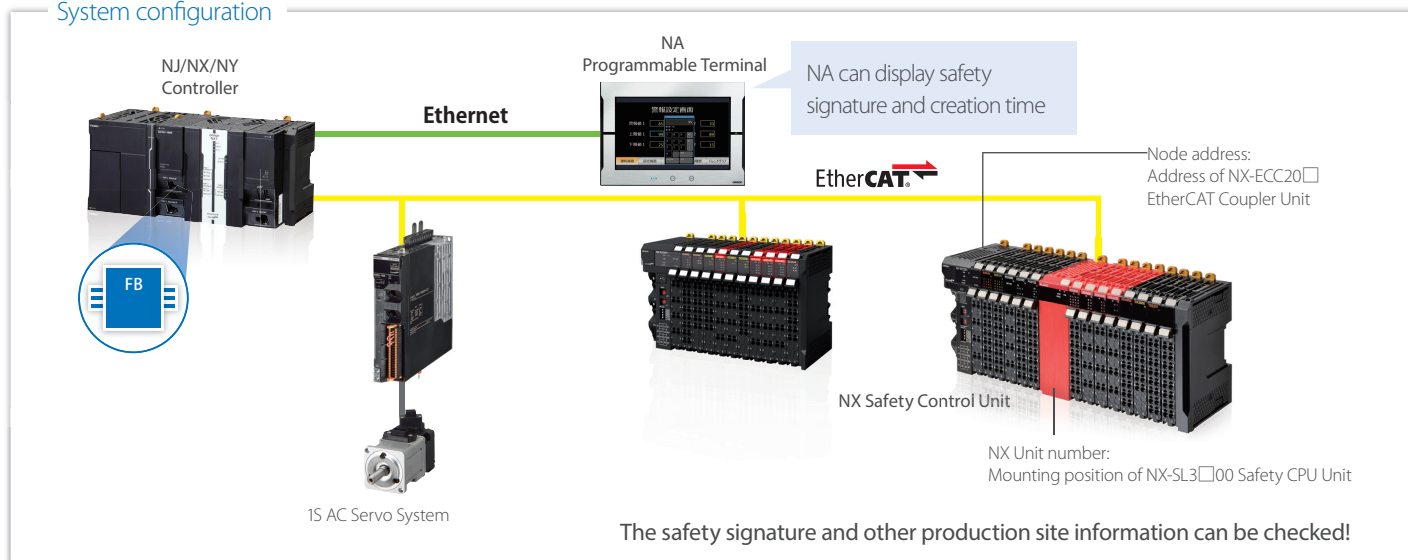
Issue 3 Whether the intended safety program is running must be checked on site.

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 | NX102-□□□□ | Version 1.30 or later |
| | NX701-1□□□/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 |
| | NY5□□-5 | Version 1.18 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. |

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

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