

Sysmac Library for NJ/NX/NY Controller

SYSMAC-XR019

RFID Communication Library



Improve efficiency and set up traceability facilities using RFID

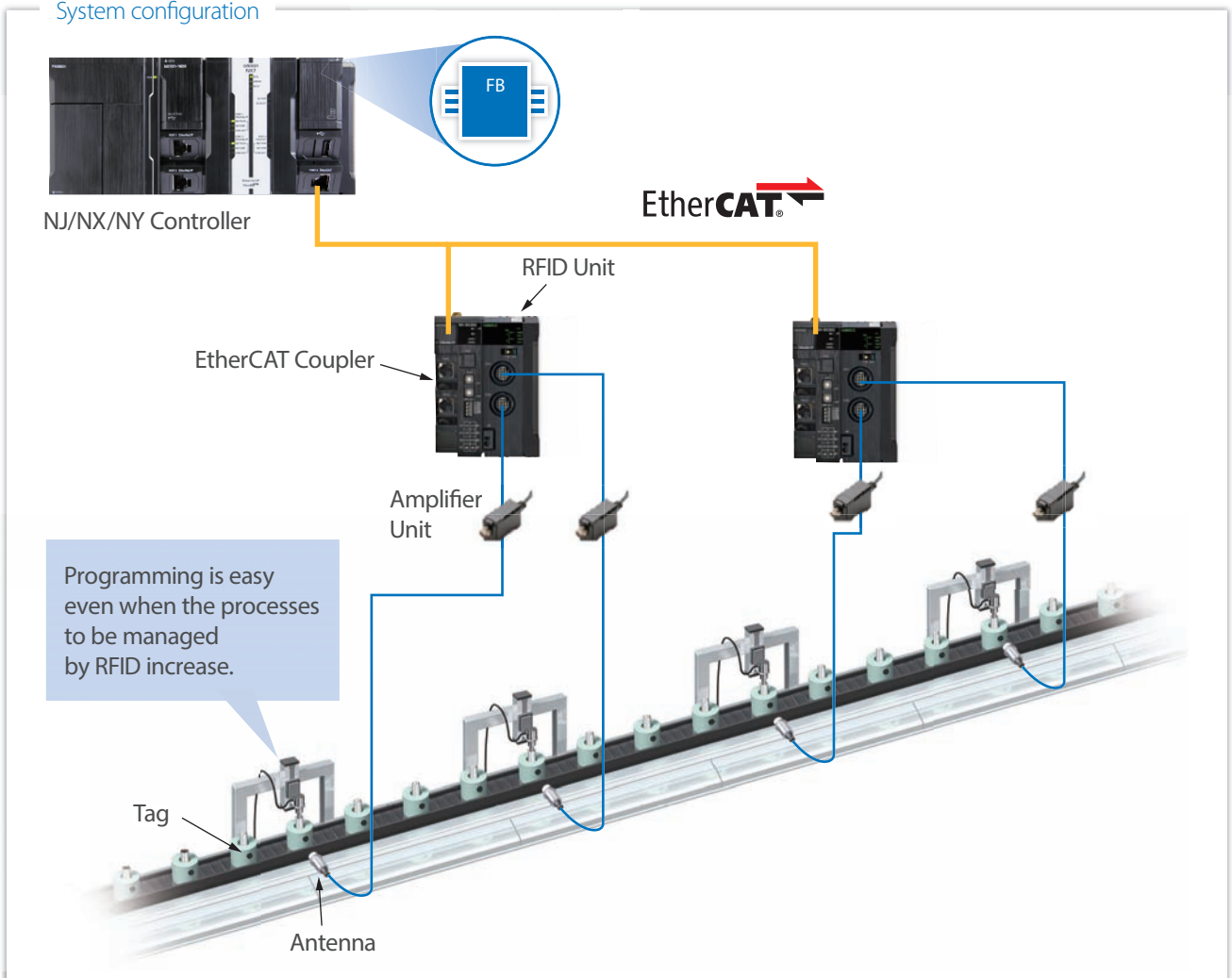
Issue

When reading or writing data of RF tags, programming of the entire procedure for communication with the RFID unit is required, consuming large amounts of time for programming and debugging.

RFID Communication Library offers a solution!

With “Data read FB/Data write FB”, programming of the procedure for communication with the RFID units from the beginning is no longer required. This greatly reduces the time spent on programming and debugging.

System configuration



Why the RFID Communication Library is able to reduce time spent on programming and debugging

Example: Reading high-capacity data

From Create a **3-step** process in the user program **To** Completed in **1 step**



Compatible Models

Item	Name	Model	Version
Systemac Library	NX-V680 Library	SYSTEMAC-XR019	Version 1.0.0 or later
Automation Software	Systemac Studio	SYSTEMAC-SE□□□□	Version 1.23 or later
Device	CPU Unit	NX701-1□□□	Version 1.18 or later
		NJ101-□□□□	
		NJ501-□□□□	Version 1.18 or later
		NJ301-□□□□	
	Industrial PC	NX1P2-□□□□□□(1)	Version 1.18 or later
		NX102-□□□□	Version 1.30 or later
	NX Series RFID Unit	NY5□□-1□□□/NY5□□-5□□□	Version 1.18 or later
		NX-V680C□	Version 1.0 or later

Function Block (FB) Specifications

Name	FB name	Description
RF Tag data read for V680	ReadData_V680	This command reads data from the memory of an RF Tag in the communications range of the antenna.
RF Tag data write for V680	WriteData_V680	This command writes data to the memory of an RF Tag in the communications range of the antenna.

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

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