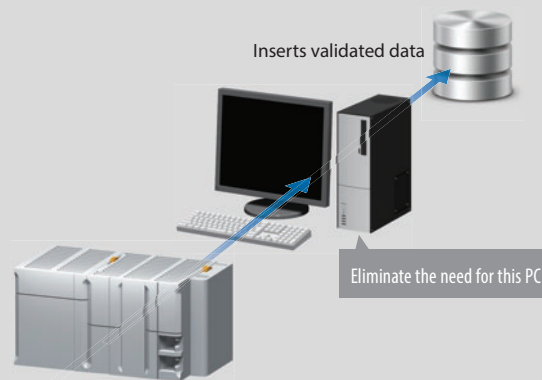


## Data validity check

### Problem

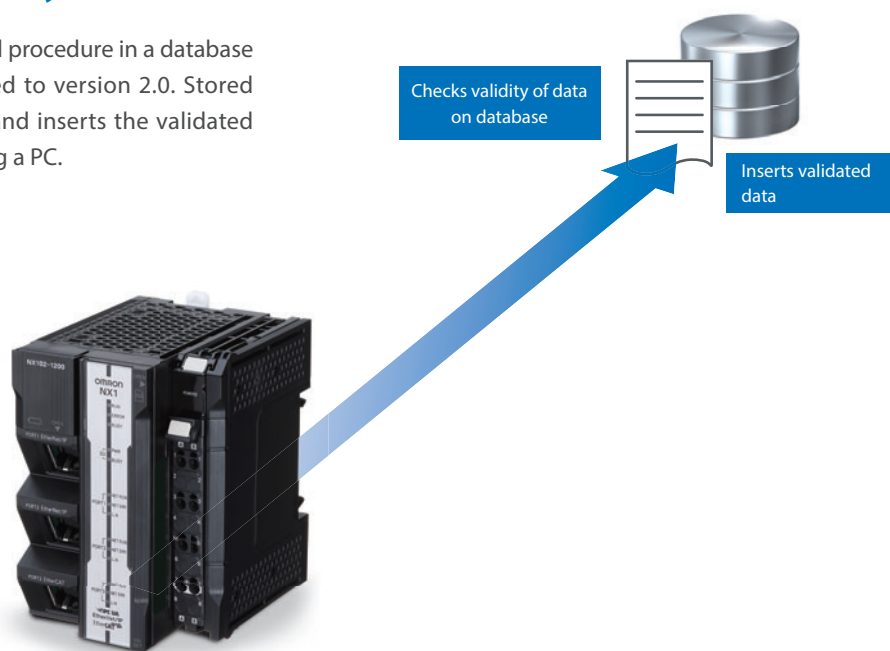
Enhanced security allows only validated data to be written. A PC is used to validate and write data because data from a controller cannot be stored directly in a traceability database. Direct access without the PC, however, is preferred.



**Database direct connection CPU unit version 2.0 offers solution!**

### Check validity of data without PC

Stored Procedure Call to call a stored procedure in a database from the controller has been added to version 2.0. Stored Procedure checks validity of data and inserts the validated data into the database without using a PC.



### What is Stored Procedure?

Stored Procedure is one of the database functions.

A group of SQL statements is stored in a database, enabling complex processing to be executed with one call.


Stored Procedure Call to call a stored procedure in a database from the controller has been added to version 2.0.

Complex arithmetic processing can be performed on the database, simplifying programming for controllers, reducing processing time, and ensuring data consistency on the database.


## Ordering Information

### Database Connection CPU Units

#### NX701 CPU Unit

Product name	Specifications			Power consumption	Model
	Program capacity	Memory capacity for variables	Number of motion axes		
NX701 CPU Unit 	80MB	4 MB: Retained during power interruption	256	40 W (including SD Memory Card and End Cover)	<b>NX701-1720</b>
		256 MB: Not retained during power interruption	128		<b>NX701-1620</b>

#### NX102 CPU Unit

Product name	Specifications				Model	
	Program capacity	Memory capacity for variables	Maximum number of used real axes			
				Number of motion axes	Single-axis position control axes	
NX102 CPU Unit 	5MB	1.5 MB: Retained during power interruption 32 MB: Not retained during power interruption	12	8	4	<b>NX102-1220</b>
			8	4	4	<b>NX102-1120</b>
			6	2	4	<b>NX102-1020</b>
			4	0	4	<b>NX102-9020</b>

Note: Databases supported by version 2.0: Microsoft SQL server, Oracle Database, MySQL, and PostgreSQL.

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**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

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