TAKEBISHI

DeviceXPlorer OPC Server Ver.7

Visualization

Data Analyzation

Data Collection

Remote monitoring

NEW HTTP

NEW MQTT

OPC UA

Dxp SERVER

Support 400+ Series!

Ver.7 Special Features

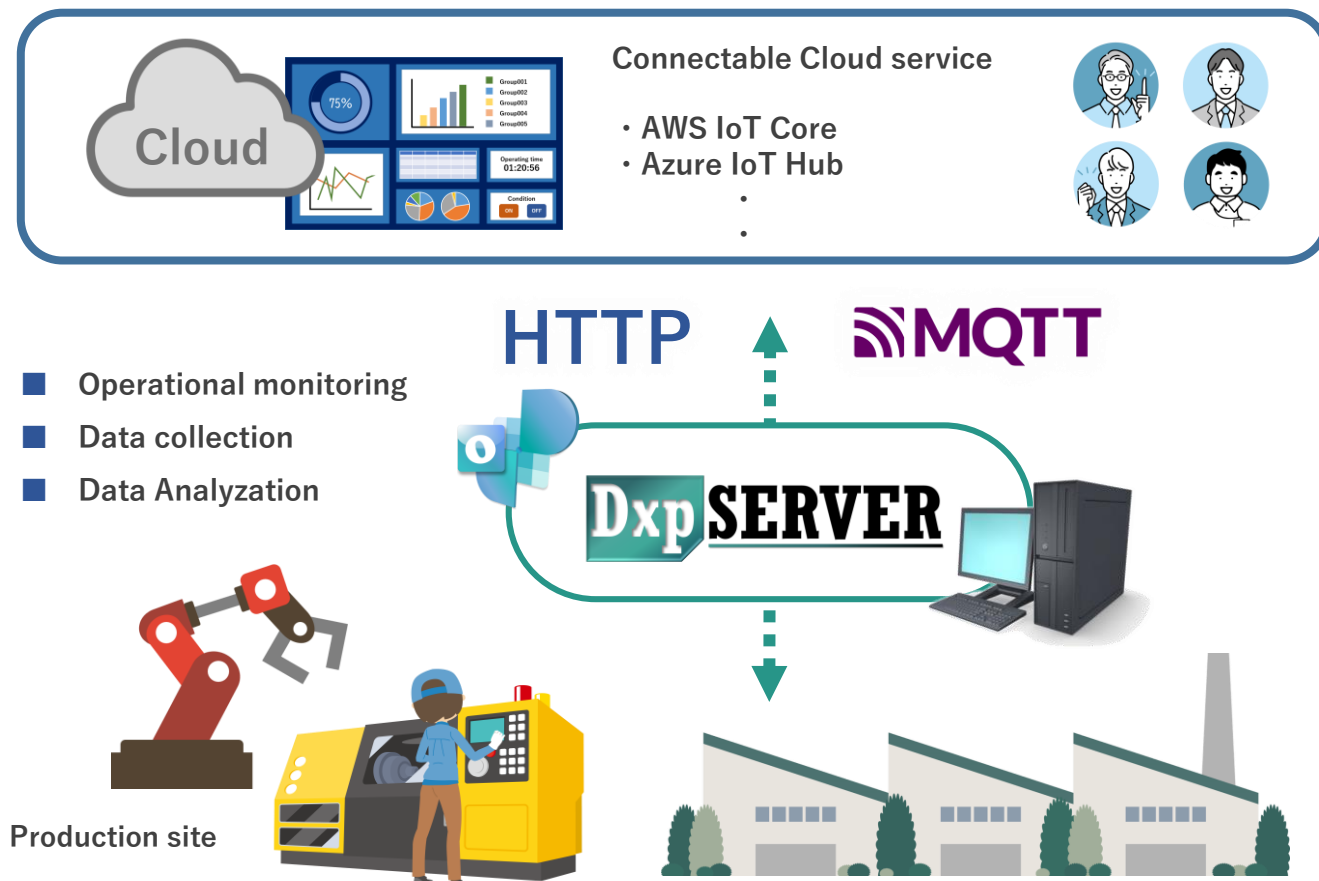1. Connection to Cloud (MQTT/HTTP)

2. Improved Usability

3. OPC UA — Expansion of OPC UA function

Find more

Ver.7 New Features

1. ☁ Connection to Cloud（MQTT/HTTP）

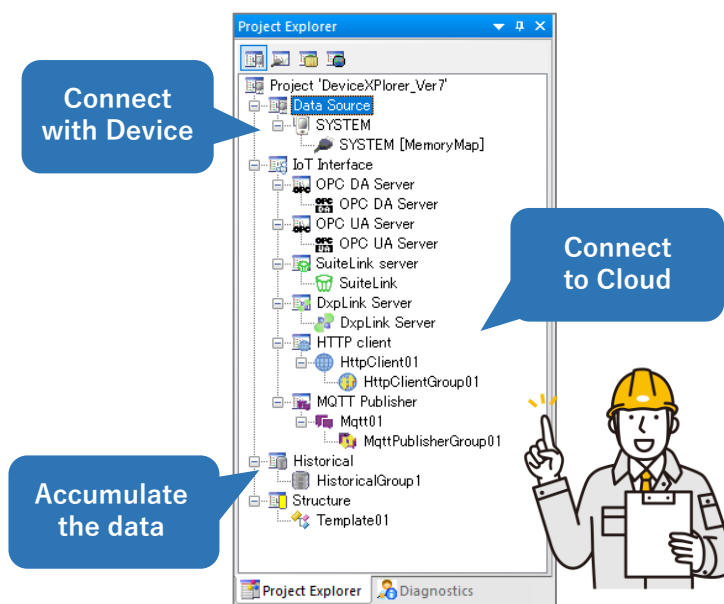DxpSERVER Ver.7 supports a general protocol MQTT/HTTP and enables to connect seamlessly with various cloud service.

Cloud

Connectable Cloud service

・AWS IoT Core
・Azure IoT Hub
・
・
・

HTTP ⬆ **MQTT**

DxpSERVER

- ■ Operational monitoring
- ■ Data collection
- ■ Data Analyzation

Production site

*MQTT and HTTP functions are limited to Professional Edition. Please see <u>"P.4 Renewal of the Edition".</u>

2. ☝ Improved Usability

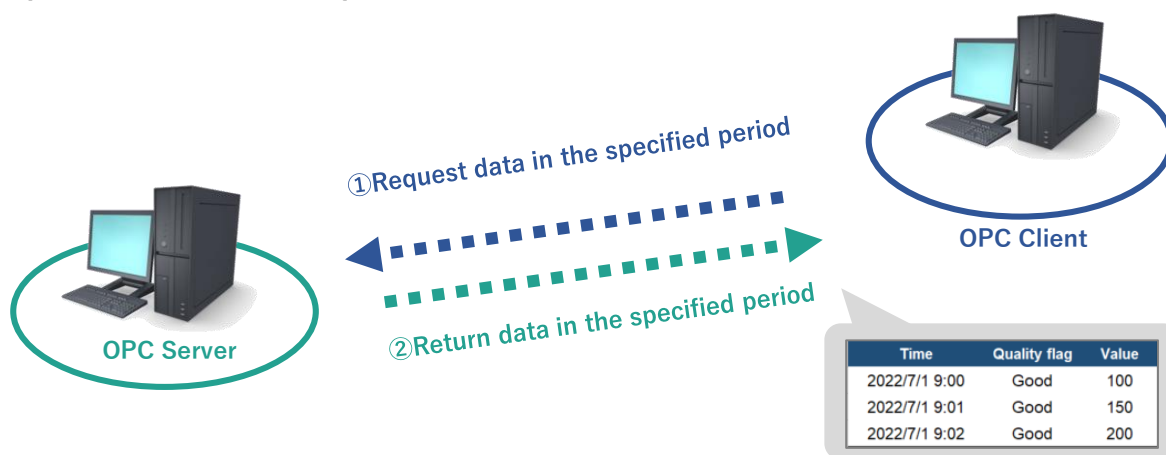The Setting can be changed during operation without turning off OPC Server.

change

All required functions are in one display.
You can start setting all at once.

Project Explorer ▼ ⇂ ✕

Project 'DeviceXPlorer_Ver7'
Data Source
  SYSTEM
    SYSTEM [MemoryMap]
IoT Interface
  OPC DA Server
    OPC DA Server
  OPC UA Server
    OPC UA Server
  SuiteLink server
    SuiteLink
  DxpLink Server
    DxpLink Server
  HTTP client
    HttpClient01
      HttpClientGroup01
  MQTT Publisher
    Mqtt01
      MqttPublisherGroup01
Historical
  HistoricalGroup1
Structure
  Template01

Project Explorer Diagnostics

Connect with Device

Connect to Cloud

Accumulate the data

3. OPC UA Expansion of OPC UA function

◆ Support Historical Access

DxpSERVER Ver.7 can acquire historical data.

OPC Client

①Request data in the specified period

②Return data in the specified period

OPC Server

Time	Quality flag	Value
2022/7/1 9:00	Good	100
2022/7/1 9:01	Good	150
2022/7/1 9:02	Good	200

◆ Support Alarm&Condition

DxpSERVER Ver.7 can notify alarm and manage status.

①Anomaly event occurs

OPC Server

②Detect anomaly event

Alarm level：High

③ Notify the alarm

OPC Client
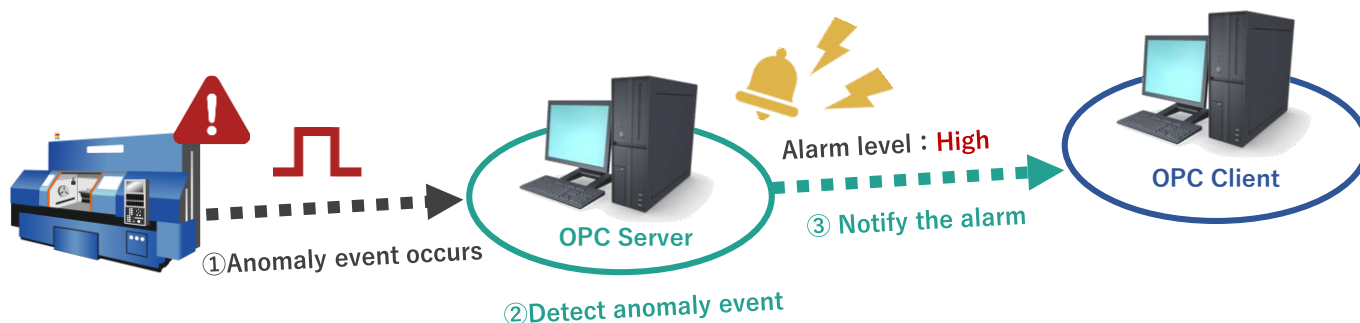
◆ Support Reverse Connect

DxpSERVER Ver.7 does not require to open the port when connecting from OPC UA Client on the cloud.

OPC Server

Connect

Cloud

OPC Client
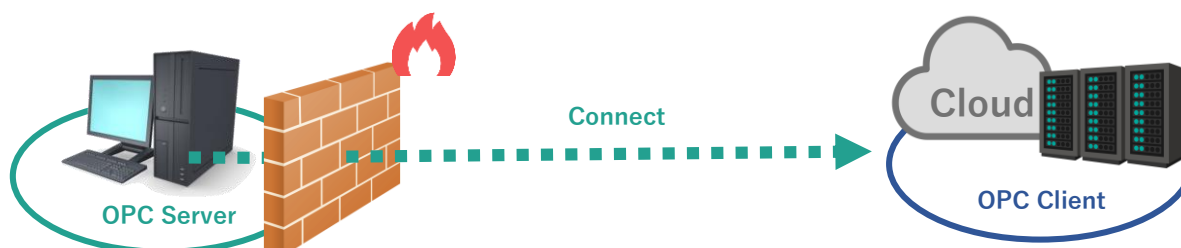
*Historical Access and Alarm&Condition functions are limited to Professional Edition.
 Please see "P.4 Renewal of the Edition".

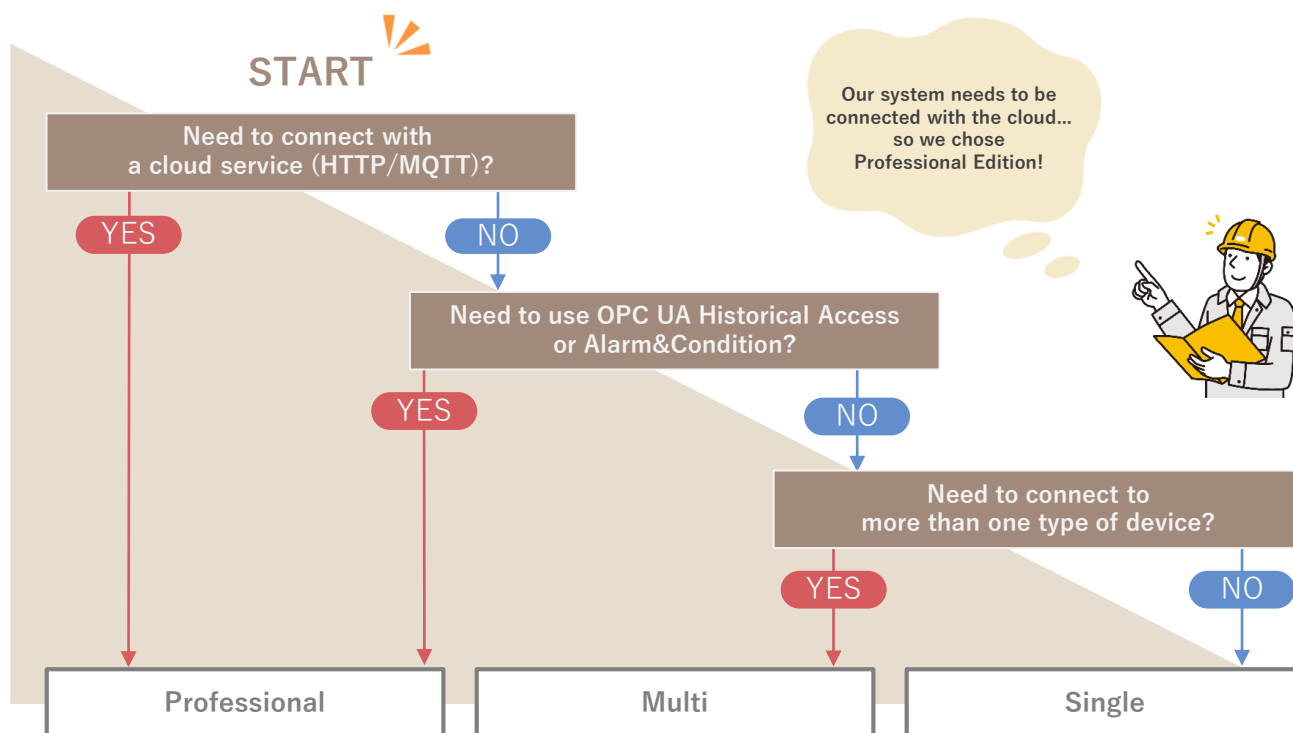# Renewed edition from Ver. 6

Renewal of the Edition

There are 3 Line-ups for your system requirements.
Choose either of Professional/Multi/Single edition.

Edition	Professional edition function*	Accessible devices
Professional	✓	All devices
Multi	×	All devices
Single	×	1 vendor device

* Professional edition functions are ; MQTT Client, HTTP Client, OPC UA Historical Access and OPC UA Alarm&Condition functions.

How to select the Edition

START

Need to connect with
a cloud service (HTTP/MQTT)?

YES → Professional

NO →

Need to use OPC UA Historical Access
or Alarm&Condition?

YES → Professional

NO →

Need to connect to
more than one type of device?

YES → Multi

NO → Single

Our system needs to be
connected with the cloud...
so we chose
Professional Edition!

Version Upgrade

To upgrade the version from previous versions please refer to following list.
You can select Protect Key. For further details of Protect Key, please see

Version Upgrade		
Upgrade from (Ver.3-6)	Upgrade to (Ver.7)	Model
Enterprise	Multi	DXPV7ML-●●-V
Standard or Advanced	Single	DXPV7SG-●●-V

・ No other version upgrade service available other than above.
・ Minor version (version upgrades after the second digit, e.g. 7.0.0 → 7.1.0) can be upgraded for free of charge.

Renewal of the License Type

We provide a subscription license to help to reduce your initial implementation costs.
Maintenance service is also included during the subscription term. Subscription license must be updated annually.

Protection System	Need to be updated annually?	How to apply the license
Hardware Key	×	Attach USB Key (need to attach during the operation)
Software Key	×	Activate the license via the Internet
Software Key (Subscription License)	✓	

＊For information on how to activate a PC that cannot connect to the Internet, please refer to the product manual.

List of License Type

Item	Hardware Key	Software Key	Software Key (Subscription License)
To activate the license	✓ Easy	Connection to Internet：✓ Easy No connection to Internet：Some process needed	
Risk of losing the Key	Yes	✓ None	
USB port on PC	Must	✓ No need	
Updating the license	✓ No need		Need to update annually*
Initial cost	Usual cost		✓ Low cost

＊When updating a subscription license, a license activation process is also required.
　To renew the subscription license, order "DxpSERVER V7 Subscription (1 year)".

Delivered by Data (No Media delivery)

We deliver you a download link of the installation data when you purchase the product.
If you require CD media, you need to make order for the CD media separately*.

Protection System	The product will be delivered;
Hardware Key	**Via Air Courier,** **USB Key** + Download link of the installation data + Documents(License Certificate etc.)
Software Key	**Via Email,** Download link of the installation data + Documents(License Certificate etc.)
Software Key (Subscription License)	

＊If you require CD media, please order "DxpSERVER V7 software media (model: DXPV7-MEDIA)" separately.

Renewed support service from Ver. 6

Renewal of Maintenance services

The changes in the maintenance service content are as follows.

Version	Maintenance service details	Who is covered by the service
Ver.6 and earlier	・Free version upgrade service (including major versions)	・Only for licenses with maintenance subscription and user registered products
Ver.7	・Free version upgrade service (including major versions) ・Technical Support	・Only for licenses with maintenance subscription and user registered products

The maintenance service is only provided to products which **within the maintenance service period and registered User registration.** The maintenance service period can be extended by purchasing Additional Maintenance separately.

●Free upgrade service*1
This service makes your software license kept on a latest version for this period.
There are no expense for upgrading software.

●Support service*2
For products that have already been registered as users, you can receive Technical Support during the contract period. (Available : Weekdays 9:00-12:00, 13:00-17:00 (JST))
Since we cannot accept Technical Support for products that have not been registered as a user, we recommend that you complete the procedure as soon as possible after purchasing.

＊1 Any products can be upgraded for Minor version upgrades (version upgrades in the second digit or later digits) free of charge without the maintenance service.
＊2 We ask you to show the product serial number when you require support service. For pre-purchase support, such as product selection, can be provided without the maintenance service. Please note the service is not to guarantee to provide you identification of certain cause of the problem or resolve issues.
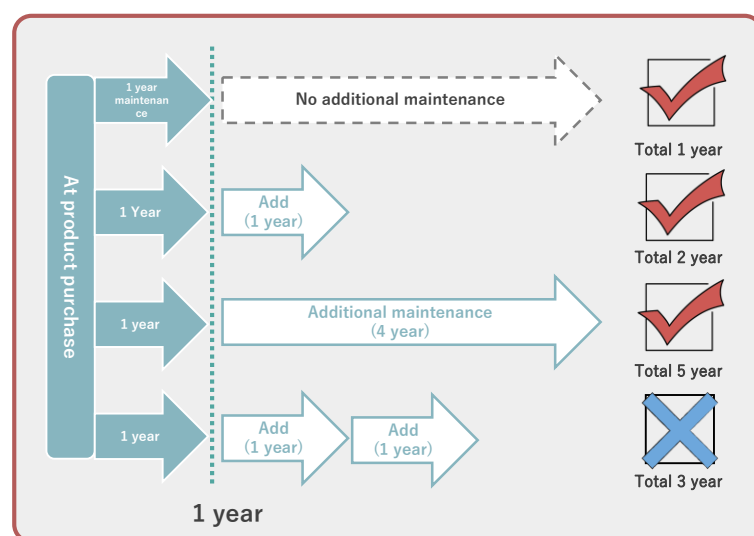
Additional maintenance (Update of maintenance service period)

・ Additional Maintenance can be purchased at the purchase of a product or at the time of update of the maintenance service period.
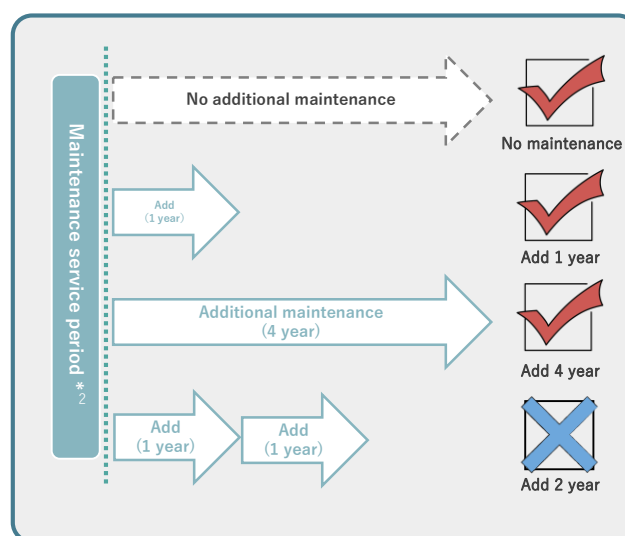
・ 1 Additional maintenance can be purchased per product serial number
  (Additional maintenance is serviced for either 1 year or 4 years).
  Example: It is not available to make additional maintenance 2 year by purchasing 1 year x 2 service.
  You can purchase additional maintenance (1 year) again after the expiry of the additional maintenance (1 year).

At product purchase

At renewal of maintenance service period

＊ The user will be notified when the maintenance service period is due to be renewed.
  The maintenance service period for the additional maintenance starts the day after the expiry date of the previous maintenance period.

Lineup

Model Code definition : DXPV7 [A] - [B] - [C] - [D]

A	Edition	PR : Professional ML : Multi SG : Single
B	License Key / Protection System*1	HW : Hardware Key (Perpetual) SW : Software key (Perpetual) SS : Software key (Subscription) CL : Software key (Subscription, For Cloud)
C	Maintenance / Upgrade / Bulk purchase	Unspecified : Normal product RE : Update Subscription V : Version Upgrade MNT1 : Additional maintenance (1 year) MNT4 : Additional maintenance (4 years) A10 : Bulk purchase 10 pcs
D	Destination country*2	Unspecified : Japan E : Outside of Japan

The data can be downloaded from our website.
If you need an installation disk (DVD media), please place an order for "DxpSERVER V7 software media (model: DXPV7-MEDIA)" separately.

Professional Edition

Product name		License type	Protection system	Model*2
DxpSERVER V7 Professional OPC Server		Perpetual	Hardware Key	DXPV7PR-HW-E
		Perpetual	Software Key	DXPV7PR-SW-E
		Subscription (1 year)	Software Key	DXPV7PR-SS-E
		Subscription (1 year) (Usage in the cloud)	-	DXPV7PR-CL-E
	Update	Subscription (1 year)	Software Key	DXPV7PR-SS-RE-E
		Subscription (1 year) (Usage in the cloud)	-	DXPV7PR-CL-RE-E
	Bulk purchase (10 pcs)	Perpetual	Hardware Key	DXPV7PR-HW-A10-E
		Perpetual	Software Key	DXPV7PR-SW-A10-E
	Additional maintenance (1 year)*3	-	-	DXPV7PR-MNT1-E
	Additional maintenance (4 years)*3	-	-	DXPV7PR-MNT4-E

Multi Edition

Product name		License type	Protection system	Model*2
DxpSERVER V7 Multi OPC Server		Perpetual	Hardware Key	DXPV7ML-HW-E
		Perpetual	Software Key	DXPV7ML-SW-E
	Version upgrade (Target : Ver.3-6 Enterprise Edition)	Perpetual	Hardware Key	DXPV7ML-HW-V-E
		Perpetual	Software Key	DXPV7ML-SW-V-E
	Bulk purchase (10 pcs)	Perpetual	Hardware Key	DXPV7ML-HW-A10-E
		Perpetual	Software Key	DXPV7ML-SW-A10-E
	Additional maintenance (1 year)*3	-	-	DXPV7ML-MNT1-E
	Additional maintenance (4 years)*3	-	-	DXPV7ML-MNT4-E

Single Edition

Product name		License type	Protection system	Model*2
DxpSERVER V7 Single OPC Server		Perpetual	Hardware Key	DXPV7SG-HW-E
		Perpetual	Software Key	DXPV7SG-SW-E
	Version upgrade (Target : Ver.3-6 Standard / Advanced Edition)	Perpetual	Hardware Key	DXPV7SG-HW-V-E
		Perpetual	Software Key	DXPV7SG-SW-V-E
	Bulk purchase (10 pcs)	Perpetual	Hardware Key	DXPV7SG-HW-A10-E
		Perpetual	Software Key	DXPV7SG-SW-A10-E
	Additional maintenance (1 year)*3	-	-	DXPV7SG-MNT1-E
	Additional maintenance (4 years)*3	-	-	DXPV7SG-MNT4-E

Others

Product name	License type	Protection system	Model*2
DxpSERVER V7 Software Media	-	-	DXPV7-MEDIA-E
DxpSERVER V7 license key replacement (Hardware key ⇔ Software key)	-	-	DXPV7-LICCHG-E

＊1　License type: Subscription (1 year) is only for Professional Edition.
＊2　The product with "-E" at the end of the Model code is for outside of Japan.
　　　The display language of the software can be changed from the configuration setting.
　　　Supported languages: Japanese, English, Korean, Chinese (simplified/traditional)
＊3　When purchasing additional maintenance when renewing the Maintenance Service period, the serial number of the product is required.
　　　Please see "P.6 Renewal of Maintenance services".

FAWEB (Takebishi Product Website)

Product information, Q&A, contact form, catalogues and demos for download are all available on FAWEB.

https://www.faweb.net/en/

YouTube Channel

Check out Takebishi Products and how to use them on our channel!

https://www.youtube.com/@faweb_en

TAKEBISHI

Takebishi Corporation

29, Mamedacho, Nishikyogoku, Ukyo-ku, Kyoto, 615-8501, Japan

Contact Form   Available : Weekdays 9:00-12:00, 13:00-17:00 (JST)

https://www.faweb.net/en/support/contact

HP   : https://www.faweb.net/en/
YouTube : https://www.youtube.com/@faweb_en