General Specifications

SV2CPML, SS2CPMLM
Product Maintenance License

GS 30A01F20-01EN

■ GENERAL

Product Maintenance License (hereinafter, referred to as PML) is a license support for standard system software on customer's systems. The license support means the Product Maintenance Information access rights, standard software failure analysis request rights and software upgrade rights. The license support is available from the first year.
In addition, Yokogawa provides a Product Maintenance License with a program to migrate from the existing version to the latest version at a special price.

■ FUNCTIONAL SPECIFICATIONS

● Applicable Systems

PML is applicable to the following systems.

> Note: The product release number consists of a version number and a revision number. The version number is indicated by "R" and a single digit, and the revision number is indicated by two digits. For example, for CENTUM VP R6.01, "R6" shows the version number and "01" shows the revision number.

CENTUM VP systems R6.01 or later

- New installations of CENTUM VP R6 system
- CENTUM CS 1000/CS 3000/VP systems upgraded to R6.01 or later

ProSafe-RS systems R4.01 or later

- New installations of ProSafe-RS R4 system
- ProSafe-RS systems upgraded to R4.01 or later

ProSafe-RS Lite systems

> Note: ProSafe-RS Lite systems are supported by the software of ProSafe-RS R4.06 or later.

Plant Resource Manager (hereinafter referred to as PRM) systems R4.01 or later

- New installations of PRM R4 system
- PRM systems upgraded to R4.01 or later

Dual-redundant Platform for Computer
OpreX Integrated Recipe Manager (hereinafter referred to as IRM) R1.01 or later

● Expiration Date of a License

PML has an expiration date of 1 to 36 months. Customer must update the license to continue to receive the service.
If a customer who has some blank periods without PML intends to renew a license, the customer needs to pay for the blank periods.

● Supported Software Packages (*1)

- CENTUM VP R6 software packages
- ProSafe-RS R4 software packages (*2)
- Plant Resource Manager R4 software packages
- Dual-redundant Platform for Computer software package
- OpreX Integrated Recipe Manager R1 software package

> *1: In this document, a software package means a software function unit that becomes available by a software license.
> *2: ProSafe-RS Lite software packages are included.

Above-mentioned packages are listed in the Appendix later.

● License Details

Product Maintenance Information access
   Customer with the Product Maintenance License can refer to release notes and download patch software on the dedicated web page.

Recovery Procedures for the Software Related Failure and Vulnerability
   Yokogawa provides recovery procedures for Yokogawa Systems Software after collecting information of the failure. If necessary, actual recovery activities such as re-installing the software shall be provided separately. Recovery procedures for the failure include provisions of workaround of failures and the patch software. Information for vulnerabilities related to the standard system software and workaround and/or patch software are also provided.

   Note: If any on-site work or call support is needed to identify the source of problems or to resolve the problems on the system, system maintenance service provided by a local office is required separately.
   Note: Patch software is provided for the latest system revision.

● Offerings

Upgrade License (revision up/patch)
   Upgrade License is necessary to execute CENTUM VP/ProSafe-RS/ProSafe-RS Lite/PRM system revision upgrade or patch software installation. There provide the Upgrade License that would be until the expiration date of PML. By the valid Upgrade License, the system is updated to the latest revision software and/or is installed latest patch software. The Upgrade License applies to standard software and is handled by the license manager on systems with CENTUM VP R6.04 or later, ProSafe-RS R4.03 or later, or PRM R4.01 or later.

   Note: Service Fee is separately charged when system revision upgrade or patch installation is executed.

● Update Support

Yokogawa provides version upgrade license to update from the existing software on customer sites to the upward-compatible latest software at a special price by continuously owning the Product Maintenance License.

   Note: Service Fee is separately charged when upgrading system version.
   Note: The latest software media is needed separately.

● **Product Maintenance Point**

The Product Maintenance Point is determined by the number of the software packages included in the system under the same project ID of each product (CENTUM VP, ProSafe-RS/ProSafe-RS Lite, PRM, and Dual-redundant Platform for Computer, and IRM). Select suffix codes by the product maintenance points, which can be calculated by multiplying the quantity of the software packages by the package point(s) shown in the table below. Refer to the formula below for how to calculate the product maintenance points.

Product Maintenance Points = Σ (package points x quantity of packages) (*1)

*1:   Round-up after the decimal point

Component	Software package	Package points
ENG,SENG	VP6E5100, RS4E5100	1
HIS	VP6H1100, VP6H1150	1
FCS SCS	VP6F1700, VP6F1800, VP6F1900, VP6F8100, VP6F1550 RS4F1500, RS4F1300, RS4F1100, RS4F1170, RS4F2500	1
GW (UGS/UGS2/SIOS/GSGW)	VP6B1500, VP6B1600, VP6B2100, VP6F1250	1
Dual-redundant package (for UGS2)	VP6B1601	1
UACS	VP6A2500	1
VTS Portal Basic Pack (R2.05 or later) (*1)	LPC7800	1
PRM Basic Set (*2) PRM Advanced Diagnosis (Server)	PM4SSET, PM4S7740	3
PRM Server	PM4S7700, PM4S7701, PM4S7702	2
PRM Client	PM4S7710	0.5
Field Communications Server	PM4S7720	0.5
Dual-redundant Platform for Computer	FT2SDR01	3
OpreX Integrated Recipe Manager	IR1E5100-V11-A□□□ (*3)	4 x □□□ (*3) (*4)
	IR1E5100-E11-A□□□ (*3)	4 x □□□ (*3) (*4)

*1:   VTSPortal R2.05 or later is handled as a part of the components of CENTUM VP R6 or PRM R4. When placing an order for the PML for CENTUM VP R6 or PRM R4, add the number of the software package of the VTSPortal R2.05 or later to the Product Maintenance points.
*2:   As PRM Basic Set contains licenses for the PRM server, PRM client, and Field communications server, three package points are required.
*3:   "□□□" is the number of the suffix code when the customer ordered the IRM.
*4:   The Package point is 4 multiplied by the number of "□□□". For example, If "□□□" is "005", the package points are 4 x 5, which is 20 points.

● **Required Purchase Unit of Product Maintenance License**

One PML consists of one CENTUM VP project ID (VP6CPJT), one ProSafe-RS/ProSafe-RS Lite project ID (RS4CPJT) (*1), one PRM project ID (PM4CPJT), Dual-redundant Platform for Computer software, and/or IRM. One PML cannot consist of multiple project IDs for one product. For example, two CENTUM VP project IDs cannot specify in one PML. It is necessary to divide the PML for each CENTUM VP project ID.
Dual-redundant Platform for Computer and IRM do not have a project ID, so please use only their product maintenance points used in the system.

*1:   The ProSafe-RS Lite project ID can be shared with the ProSafe-RS project ID, or divided into ProSafe-RS and ProSafe-RS Lite. If the project ID is divided, each requires a PML.

■ MODEL AND SUFFIX CODES

PML consists of two model codes: SV2CPML and SS2CPMLM
SV2CPML means the model code of service for Product Maintenance License. SS2CPMLM means that of Certificate of Product Maintenance License.

Product Maintenance License for CENTUM VP, ProSafe-RS/ProSafe-RS Lite, Plant Resource Manager, and Dual-redundant Platform for Computer, and OpreX Integrated Recipe Manager

			Description
Model	SV2CPML		Product Maintenance License
Suffix Codes	-V		License
	1		Always 1
	1		English version
		01	CENTUM VP only
		02	ProSafe-RS/ProSafe-RS Lite only
		03	CENTUM VP and ProSafe-RS/ProSafe-RS Lite
		04	PRM only
		05	CENTUM VP and PRM
		06	ProSafe-RS/ProSafe-RS Lite and PRM
		07	CENTUM VP, ProSafe-RS/ProSafe-RS Lite and PRM
		PS	Option code products only (*1)
		-S03□□	Product Maintenance Points are 3 or less, License period: □□ months (*2)
		-S10□□	Product Maintenance Points are 10 or less, License period: □□ months (*2)
		-S11□□	Product Maintenance Points are 20 or less, License period: □□ months (*2)
		-S12□□	Product Maintenance Points are 40 or less, License period: □□ months (*2)
		-S13□□	Product Maintenance Points are 80 or less, License period: □□ months (*2)
		-S14□□	Product Maintenance Points are 120 or less, License period: □□ months (*2)
		-S15□□	Product Maintenance Points are 121 or more, License period: □□ months (*2)
Option Codes (*3)	/□-S03		Blank period: □ Year (Product Maintenance Points 3 or less)
	/□-S10		Blank period: □ Year (Product Maintenance Points 10 or less)
	/□-S11		Blank period: □ Year (Product Maintenance Points 11 or more and 20 or less)
	/□-S12		Blank period: □ Year (Product Maintenance Points 21 or more and 40 or less)
	/□-S13		Blank period: □ Year (Product Maintenance Points 41 or more and 80 or less)
	/□-S14		Blank period: □ Year (Product Maintenance Points 81 or more and 120 or less)
	/□-S15		Blank period: □ Year (Product Maintenance Points 121 or more)
	/A01		Dual-redundant Platform Versatile License: 1 license
	/A02		Dual-redundant Platform Versatile License: 2 licenses
	/A03		Dual-redundant Platform Versatile License: 3 licenses
	/A04		Dual-redundant Platform Versatile License: 4 licenses
	/A05		Dual-redundant Platform Versatile License: 5 licenses
	/B01		OpreX Integrated Recipe Manager License: 1 license
	/B02		OpreX Integrated Recipe Manager License: 2 licenses
	/B03		OpreX Integrated Recipe Manager License: 3 licenses
	/B04		OpreX Integrated Recipe Manager License: 4 licenses
	/B05		OpreX Integrated Recipe Manager License: 5 licenses

Note: Both SV2CPML and SS2CPMLM must be placed orders and have same Suffix Codes and Option Codes.
*1: The option code products are Dual-redundant Platform for Computer and IRM.
*2: □□ of Suffix Codes "-Sxx□□" contains numbers from 01 to 36 (two-digit number).
*3: □ of Option Codes "/□-Sxx" contains numbers from 1 to 3 (one-digit number).
     If the blank period is from 12 months to 23 months, specify 1 in □. Likewise, in case of from 24 months to 35 months, specify 2. In case if 36 months or more, specify 3. And adjust the remaining blank period of less than one year with the PML start date. If the blank period is less than one year, adjust with the PML start date.

Certificate of PML for CENTUM VP, ProSafe-RS/ProSafe-RS Lite, Plant Resource Manager, Dual-redundant Platform for Computer, and OpreX Integrated Recipe Manager

			Description
Model	SS2CPMLM		Certificate of PML
Suffix Codes	-V		License
	1		Always 1
	1		English version
		01	CENTUM VP only
		02	ProSafe-RS/ProSafe-RS Lite only
		03	CENTUM VP and ProSafe-RS/ProSafe-RS Lite
		04	PRM only
		05	CENTUM VP and PRM
		06	ProSafe-RS/ProSafe-RS Lite and PRM
		07	CENTUM VP, ProSafe-RS/ProSafe-RS Lite and PRM
		PS	Option code products only (*1)
		-S03□□	Product Maintenance Points are 3 or less, License period: □□ months (*2)
		-S10□□	Product Maintenance Points are 10 or less, License period: □□ months (*2)
		-S11□□	Product Maintenance Points are 20 or less, License period: □□ months (*2)
		-S12□□	Product Maintenance Points are 40 or less, License period: □□ months (*2)
		-S13□□	Product Maintenance Points are 80 or less, License period: □□ months (*2)
		-S14□□	Product Maintenance Points are 120 or less, License period: □□ months (*2)
		-S15□□	Product Maintenance Points are 121 or more, License period: □□ months (*2)
Option Codes (*3)	/□-S03		Blank period: □ Year (Product Maintenance Points 3 or less)
	/□-S10		Blank period: □ Year (Product Maintenance Points 10 or less)
	/□-S11		Blank period: □ Year (Product Maintenance Points 11 or more and 20 or less)
	/□-S12		Blank period: □ Year (Product Maintenance Points 21 or more and 40 or less)
	/□-S13		Blank period: □ Year (Product Maintenance Points 41 or more and 80 or less)
	/□-S14		Blank period: □ Year (Product Maintenance Points 81 or more and 120 or less)
	/□-S15		Blank period: □ Year (Product Maintenance Points 121 or more)
	/A01		Dual-redundant Platform Versatile License: 1 license
	/A02		Dual-redundant Platform Versatile License: 2 licenses
	/A03		Dual-redundant Platform Versatile License: 3 licenses
	/A04		Dual-redundant Platform Versatile License: 4 licenses
	/A05		Dual-redundant Platform Versatile License: 5 licenses
	/B01		OpreX Integrated Recipe Manager License: 1 license
	/B02		OpreX Integrated Recipe Manager License: 2 licenses
	/B03		OpreX Integrated Recipe Manager License: 3 licenses
	/B04		OpreX Integrated Recipe Manager License: 4 licenses
	/B05		OpreX Integrated Recipe Manager License: 5 licenses

Note: Both SV2CPML and SS2CPMLM must be placed orders and have same Suffix Codes and Option Codes.
Note: A license media for upgrade license is shipped when ordering SS2CPMLM for CENTUM VP, ProSafe-RS, ProSafe-RS Lite or PRM.
*1: The option code products are Dual-redundant Platform for Computer and IRM.
*2: □□ of Suffix Codes "-Sxx□□" contains numbers from 01 to 36 (two-digit number).
*3: □ of Option Codes "/□-Sxx" contains numbers from 1 to 3 (one-digit number).
 If the blank period is from 12 months to 23 months, specify 1 in □. Likewise, in case of from 24 months to 35 months, specify 2. In case if 36 months or more, specify 3. And adjust the remaining blank period of less than one year with the PML start date.
 If the blank period is less than one year, adjust with the PML start date.

■ ORDERING INFORMATION

Specify model and suffix codes.

In addition, specify the project ID number of the applicable system (CENTUM VP, ProSafe-RS/ProSafe-RS Lite, and/ or PRM).

Examples of project IDs are "VP123456" for CENTUM VP, "RS012345" for ProSafe-RS/ProSafe-RS Lite, "PM001234" for PRM.

When the system includes Dual-redundant Platform Versatile License, specify the 9-character alphanumeric Serial Number (S/N) found on the license sheet, such as the C2XA12345.

When the system includes IRM, specify the 9-character alphanumeric serial number (S/N) printed on the IRM license media, such as C2XB01234. If multiple IR1E5100-V11 and/or IR1E5100-E11 are included, specify each serial number.

It's necessary to specify the PML start date for SV2CPML and SS2CPMLM. In case of a new contract, please set the contract start date. In case of continuation, please set the next day of the current contract end date.

■ TRADEMARK ACKNOWLEDGMENT

The names of corporations, organizations, products and logos herein are either registered trademarks or trademarks of Yokogawa Electric Corporation and their respective holders.

■ APPENDIX

● Supported software packages

Software packages list 1: CENTUM VP R6 (1/2)

Model	Description
VP6H1100	Standard Operation and Monitoring Function
VP6H1150	Server for Remote Operation and Monitoring Function
VP6H2411 VP6H2412	Exaopc OPC Interface Package (for HIS) CENTUM Data Access Library
VP6H4100	Configured Information Reference Package
VP6H4150	Output to External Recorder Package
VP6H4190	Line Printer Support Package
VP6H4200	Historical Message Integration Package (meeting FDA Regulations)
VP6H4410	Control Drawing Status Display Package
VP6H4420	Logic Chart Status Display Package
VP6H4600	Multiple-Monitor Support Package
VP6H4700	Advanced Alarm Filter Package
VP6H6510	Long-term Data Archive Package
VP6H6530	Report Package
VP6H6710	FCS Data Setting/Acquisition Package (PICOT)
VP6H4000	Million Tag Handling Package

VP6E5450,
VP6H4450
	Multiple Project Connection Package
	    Multiple Project Connection Builder
	    Multiple Project Connection Package

VP6H6660,
VP6E5165,
VP6E5166
	VP Batch (Batch Management Packages)
	    Process Management Package
	    Batch Builder
	    Recipe Management Package

VP6E5000	Automation Design Suite (AD Suite) Engineering Server Function
VP6E5100	Standard Engineering Function
VP6E5150	Graphic Builder
VP6E5110	Access Control Package
VP6E5210	Module-based Engineering Package
VP6E5215	Tuning Parameter Management Package (for Module-based Engineering)
VP6E5216	Bulk Editing Package (for Module-based Engineering)
VP6E5250	Change Management Package

Software packages list 1: CENTUM VP R6 (2/2)

Model	Description
VP6E5260	Dependency Analysis Package
VP6E5170	Access Administrator Package (FDA:21 CFR Part 11 compliant)
VP6E5420	Test Function
VP6E5425, VP6E5426, VP6E5427	Expanded Test Functions FCS Simulator Package HIS Simulator Package
VP6E5490	Self-documentation Package
VP6E5800	Turbomachinery I/O Module Logic Builder Package
VP6F3100	Project I/O License
VP6F1700, VP6F1705	Control Function for Field Control Station (for AFV30□/AFV40□) Control Function for FCS Simulator (for AFV30□/AFV40□)
VP6F1800, VP6F1805	Control Function for Field Control Station (for A2FV50□) Control Function for FCS Simulator (for A2FV50□)
VP6F1900, VP6F1905	Control Function for Field Control Station (for A2FV70□) Control Function for FCS Simulator (for A2FV70□)
VP6F8100, VP6F8105	Compressor Control Function for FCS Compressor Control Function for FCS Simulator
VP6F1550	Node Expansion Package(for AFV10□)
VP6F8620	Off-site Block Package
VP6F3132	Valve Pattern Monitor Package
VP6F3210	PID with Packet Loss Compensation Package (for Field Wireless)
VP6F1200	APCS Control Functions
VP6ESETA	APCS Package Set
VP6B1500, VP6B1501	Unified Gateway Station (UGS) Standard Function, Dual-redundant Package (for UGS)
VP6B1600, VP6B1601	Unified Gateway Station (UGS2) Standard Function, Dual-redundant Package (for UGS2)
VP6B1550	OPC Communication Package (for UGS/UGS2)
VP6B1553	Modbus Communication Package (for UGS/UGS2)
VP6B1591	EtherNet/IP Communication Package (for UGS/UGS2)
VP6B1570	IEC 61850 IED Communication Package (for UGS/UGS2)
VP6B2100	System Integration OPC Client Package
VP6F1250	GSGW Generic Subsystem Gateway Package

VP6A2500,
VP6A2505,
VP6A2510,
VP6A2580,
VP6A2700
	Unified Alarms and Conditions Server (UACS)
	  UACS Simulator Package
	  UACS Advanced Suppression Function
	  UACS Multiple Project Connection Package
	  UACS Client License

LPC7800, LPC7801	VTSPortal Basic Pack VTSPortal Multiple Client Builder License

VP6P6900,
VP6P6910,
VP6P6920,
VP6P6930
	SEM Sequence of Events Manager
	  SOE Server Package
	  SOE Server Configurator Package
	  SOE Viewer Package
	  SEM OPC Interface Package

VP6F9281	Modbus Communication Package Slave Version (for ALR111, ALR121)
VP6F9196	ControlLogix Ethernet Communication Package (for ALE111)
VP6F9291	EtherNet/IP Communication Package (for ALE111)
VP6C3300	Vnet/IP Interface Package
VP6C5495	Electronic Instruction Manual

Software packages list 2: ProSafe-RS/ProSafe-RS Lite

Model	Description
RS4H2100	SOE Viewer Package
RS4H2200	SOE OPC Interface Package
RS4H2300	Forced I/O Viewer Package
RS4F3100	ProSafe-RS Project I/O License
RS4F1300, RS4F1305	Safety Control Function (for SSC60□), Safety Control Function for SCS Simulator (for SSC60□)
RS4F1100, RS4F1105	Safety Control Function (for SSC50□), Safety Control Function for SCS Simulator (for SSC50□)
RS4F1170	Safety Control Function (for SSC57□)
RS4F1500, RS4F1505	Safety Control Function (for S2SC70□), Safety Control Function for SCS Simulator (for S2SC70□)
RS4F4100	ProSafe-RS Lite Project I/O License
RS4F2500, RS4F2505	Safety Control Function (for L1SC70□) Safety Control Function for SCS Simulator (for L1SC70□)
RS4E5000	Automation Design Suite (AD Suite) Engineering Server Function
RS4E5100	Safety System Engineering and Maintenance Function
RS4E5210	I/O List Engineering Package
RS4E5250	Change Management Package
RS4E5600	CENTUM VP Integration Package
RS4E5700	CI Server Integration Package
RS4E5170	Access Control and Operation History Management Package
RS4E5810	iDefine Interface Package
RS4C3300	Vnet/IP Interface Package
RS4C5495	Electronic Instruction Manual

Software packages list 3: Plant Resource Manager R4

Model	Description
PM4S7100	PRM Device License
PM4S7700, PM4S7701, PM4S7702	Plant Resource Manager (server)
PM4S7710	Plant Resource Manager (client)
PM4S7720	Field Communications Server
PM4S7711	Documenting Calibrator Interface
PM4S7730	Interface Package for CMMS
PM4S7740	PRM Advanced Diagnosis Server
PM4S7760	Interface Package for Generic System
PM4S7770	Interface Package for GE Energy's System 1
PM4S7780	PST Scheduler Package
PM4S7400	Electronic instruction manual

Software package list 4: Dual-redundant Platform for Computer

Model	Description
FT2SDR01	Dual-redundant Platform Versatile License

Software package list 5: OpreX Integrated Recipe Manager

Model	Description
IR1E5100	Integrated Recipe Management Package

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