

General Specifications

SSS7730
Interface for CMMS



GS 33Y05Q20-32E

■ GENERAL

Interface for CMMS is a package used to connect Plant Resource Manager (PRM) with Maximo, a computerized Maintenance Management System (CMMS).

This provides information online for PRM and CMMS.

■ INTERFACE TO COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM (CMMS)

The Computerized Maintenance Management System (CMMS) evaluates system condition by analyzing fixed quantity of data to achieve the effective and safety maintenance operation of plant. The process cell management system, Maximo from IBM, can provide better maintenance operation by acquiring real-time device information from PRM when both systems are connected.

● Supported Function

The following features are offered by the PRM connected to Maximo.

- Device Master Offline Synchronization
Exports the contents of Device Master in PRM to Maximo.
- Map Equipment Hierarchy of Maximo to Plant Hierarchy of PRM (Offline)
Establishes a mapping between the equipment hierarchy of Maximo and the plant hierarchy of PRM to import.
- Send Work Order (Online)
Sends "Work Order" from PRM to the process cell management system by calling "Work Order Input Dialogue" in PRM side.
- Progress Display (Online)
PRM can call "Progress Display" that the client PC of the process cell management system holds.

● Separation of Roles of Plant Resource Manager and Computerized Maintenance Management System (CMMS)

Overlapping functions, handling same data, exist in PRM and the Computerized Maintenance Management System (CMMS) when the two packages are connected. The following table shows which functions are enabled when the two packages run. For detail specifications, refer to the instruction manual of CMMS.

Table: Separation of Roles of Plant Resource Computerized Maintenance Management System

Function	PRM	CMMS	Description
Plant Hierarchy/CMMS Structure	X	XX	Map equipment hierarchy for CMMS to Plant Hierarchy of PRM.
Device Master	XX	X	Device Master is stored in PRM. The contents of Device Master in PRM are exported to the CMMS.
Parameter Tuning and Comparison	X	N/A	
Tool/DD Menu	X	N/A	
PRM Advanced Diagnosis	X	—	
Tool/DeviceViewer	X	—	
PLUG-IN Application	X	N/A	
Audit Trail Message	XX	N/A	
Link to Document			“Link to Document” must be set in each package. A user accesses either PRM or the CMMS depending on the online document needed.
Security	X	X	Proper users are registered in both PRM and the CMMS to set security.
Printing	X	X	Printing is available in both PRM and the CMMS.
Inspection Memo	—	X	These functions are only available in the CMMS side. However, these are still enabled in PRM side to ensure the system flexibility and upper compatibility.
Inspection Schedule	—	X	
Parts List	—	X	
Work Order/Work Order Schedule	N/A	X	These are unique function of the CMMS.
Progress Display	N/A	X	
Resource Management	N/A	X	
Purchasing Management/ Budget Management	N/A	X	

- XX: Function is enabled. Data transfer is available.
- X: Function is enabled
- : Function exists but not used
- N/A: No function available

● Connecting with Maximo

Interface for CMMS is needed to connect with Maximo. This package is supplied on CD-ROM with PRM package. Maximo Enterprise Adaptor (MEA) is also required with Maximo.

Supported Version of Maximo: Ver. 6.2.1 or later

Refer to the specifications of Maximo for its system server. When installing PRM package to the Maximo server, add required main memory and disk capacity of PRM to Maximo’s operating environment.

■ OPERATING ENVIRONMENT

This package runs on a personal computer with Plant Resource Manager (Server) (SSS7700).

Refer to the separate GS 33Y05Q10-32E, SSS7700, SSS7710, and SSS7720 Plant Resource Manager for the operating environment of the PRM server.

■ MODELS AND SUFFIX CODES

Interface for CMMS

		Description
Model	SSS7730	Interface for CMMS [Media model: SSSSM02-C11]
Suffix Codes	-S	Basic software license
	-C	Multiple software licenses (for 2 or more)
	1	Always 1
	1	English version
Option Code	/MAXIMO	For Maximo (*1,*2)

Note: R2.03 or later version of Plant Resource Manager supports this package.

*1: To connect with Maximo, specify the option code "/MAXIMO."

*2: Ver. 6.2.1 or later of Maximo supports this option code. Purchase Maximo and Maximo Enterprise Adaptor (MEA.)

■ ORDERING INFORMATION

Specify model and suffix codes.

■ TRADEMARKS

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