

General Specifications

NT26□AJ
VDS/ASTMAC
Release Up Kit R7



GS 34P02V06-01E

■ GENERAL

VDS/ASTMAC Release Up Kit R7 serves to revise the release of Versatile Data Server software “ASTMAC VDS” (hereinafter called “VDS”) and Production line configuring software “ASTMAC” (hereinafter called “ASTMAC”) (*1) up to Release 7 (hereinafter called R7).

To use the latest function of VDS/ASTMAC or PC, your existing system may need to be revised up to R7 with this Kit.

In Release 7, VDS Viewer is required as Java application. It will be downloaded from HMI Server.

*1: ASTMAC is Japanese domestic market only (Not for sales overseas).

■ CONFIGURATION

This Release Up Kit includes following

- Software Medium (DVD-ROM)
- Order ID Sheet
- User's Manual

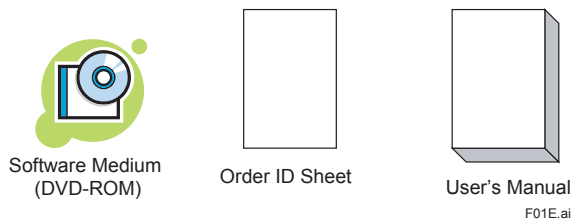


Figure Configuration of Release Up Kit

■ MODEL & RELEASE

Model and Release described in following table are to be revised.

Table Model/Release

System	Model	Release of existing system
VDS (*1)	NT610□J	R5/R6 (*3)
ASTMAC (*2)	NT105□J, NT110□J, NT120□J, NT130□J, NT140□J, NT182AJ	R5/R6 (*3)

- *1: As for the detailed specification of VDS, refer to GS 34P02A02-01E “ASTMAC VDS”.
 *2: As for the detailed specification of ASTMAC, refer to GS 34P02A03-01E “ASTMAC GENERAL”.
 *3: If your existing system is R4 or earlier, consult YOKOGAWA separately.

■ SYSTEM REQUIREMENTS (OVERVIEW)

● VDS

Table VDS Data Server/HMI Server

Items	Specifications
OS	Windows 7 Professional SP1 (32-bit/64-bit) (*1) (*2) (*3)
CPU (*4)	Windows 7 (32-bit) : 1 GHz or higher 32 bit (x86) or 64 bit (x64) processor
	Windows 7 (64-bit) : 1 GHz or higher 64 bit (x64) processor
RAM	2 GB or more
DVD-ROM drive	A DVD-ROM drive that is supported by the operating system specified at the top of this table is required at installation.

Note: As for the detail of system requirements, refer to GS 34P02A02-01E “ASTMAC VDS”.

- *1: Some optional software packages may not run on Windows 7 (Detail is described later).
 *2: Aero style, User Account Control (UAC) and Windows Defender of Windows 7 must be disabled.
 *3: Smart Screen Filter of Internet option must be disabled. When User Account Control (UAC) of Windows 7 is disabled, Protection mode of Internet Explorer 8.0 is disabled together.
 *4: Some optional software packages run only on single processing environment.

Table VDS HMI Client

Items	Specifications
OS	Windows 7 Professional SP1 (32-bit/64-bit) (*1)
CPU	Windows 7 (32-bit) : 1 GHz or higher 32 bit (x86) or 64 bit (x64) processor
	Windows 7 (62-bit) : 1 GHz or higher 64 bit (x64) processor r
RAM	2 GB or more
Runtime Environment	Java Runtime Environment 8.0 Update 31 (*2)
DVD-ROM drive	A DVD-ROM drive that is supported by the operating system specified at the top of this table is required at installation.

Note: As for the detail of system requirements, refer to GS 34P02A02-01E “ASTMAC VDS”.

- *1: Aero style, User Account Control (UAC) and Windows Defender of Windows 7 must be disabled.
 *2: It is bundled with the Software Medium.

● **ASTMAC**

Table System Requirements

Items	Specifications	
OS	Windows 7 Professional SP1 (32-bit/64-bit) (*1) (*2)	
CPU (*3)	Windows 7 (32-bit)	1 GHz or higher 32 bit (x86) or 64 bit (x64) processor
	Windows 7 (64-bit)	1 GHz or higher 64 bit (x64) processor
RAM	2 GB or more	
DVD-ROM drive	A DVD-ROM drive that is supported by the operating system specified at the top of this table is required at installation.	

Note: As for the detail of system requirements, refer to GS 34P02A03-01E "ASTMAC Overview".

*1: Some optional software packages may not run on Windows 7 (Detail is described later).

*2: Aero style, User Account Control (UAC) and Windows Defender of Windows 7 must be disabled.

*3: Some optional software packages run only on single processing environment.

■ **ATTENTIONS FOR RELEASE UP**

- When you revise the software packages on existing PC, or renew the existing PC itself, please confirm the system requirements of your PC.
- Some operations of VDS/ASTMAC (R7) on Windows 7 may be limited; some existing applications can not be applied. In such cases, please confirm the specifications of existing system and discuss the release of system requirements or the transplant of applications.
- Windows Vista is not available.

■ **MODIFICATIONS OF SYSTEM REQUIREMENTS**

The optional software packages described in following table requires the modification of system requirements

Table Optional software packages requiring the modification of system requirements

Package	Model	Overview
Report Package	NT301AJ NT301RJ	On Microsoft Excel, following versions are required. Excel 2013 SP1 32-bit versions, or Excel 2016 32-bit versions
OPC Data Link Package for .NET	NT336AJ	The program created on former development environment (Visual Basic 6.0) (*1) can run as before. In case the modification or maintenance of existing application is required, transplant of following development environment or application is required.(*2) Following software is required as development environment - Visual Studio 2015 + .NET Framework 3.5 SP1 - Visual Studio 2013 + .NET Framework 3.5 SP1

*1: Microsoft has terminated the support of Visual Basic 6.0.

*2: As for the detail, refer to the information provided by Microsoft or TI 34P02V06-01E "VDS/ASTMAC R7 Release Up Guidance".

■ FUNCTIONS NOT SUPPORTED BY VDS/ASTMAC (R7)

VDS/ASTMAC (R7) does not support following functions.

When revising up, modification of application is required.

Table Function requiring the modification of application

Function	Overview	Requirements for Modification
Database connection of VDS/ASTMAC Message Management	Logging message into data base (Oracle) on VDS/ASTMAC	Creating an application to send message log stored on VDS/ASTMAC message log file is required in upper system.
VB Property Link	Automatic data transmission function between VDS/ASTMAC Data server and Visual Basic 6.0 (VB Control) (*1)	The program created on former development environment (Visual Basic 6.0) (*1) can run as it is. In case the modification or maintenance of existing application is required, following development environment, transplant of application or optional package "OPC Data Link Package NET NT336AJ" is required. (*2) Following software is required as development environment - Visual Studio 2015 + .NET Framework 3.5 SP1 - Visual Studio 2013 + .NET Framework 3.5 SP1

*1: Microsoft has terminated the support of Visual Basic 6.0. As for the detail, refer to the information provided by Microsoft.

*2: As for the detail, refer to TI 34P02V06-01E "VDS/ASTMAC R7 Release Up Guidance" or GS 34P02H51-01E "OPC Data link package for .NET".

■ OPTIONAL PACKAGES NOT SUPPORTED BY WINDOWS 7

The optional software packages described in following table do not run on Windows 7. You have transfer to Windows 7 according to the following table.

Table Optional software packages not supported by Windows 7 (*1)

Name	Model	Method of Release or Transfer
Operation Shield Package	NT321AJ	To specify the rear window and the full-screen window, please use VDS Viewer in VDS/ASTMAC software medium (DVD-ROM). Other functions can not be transferred to Windows 7. .
Power Monitor Driver	NT366AJ	The connection with Yokogawa power monitor (model: UPM10□, PR300) is enabled by VDS/ASTMAC basic software. When connected with our power monitor (model: UPM01/02/03, UZ005, PR201) transfer to Windows 7 is impossible.

*1: As for the detail, refer to TI 34P02V06-01 "VDS/ASTMAC R7 Release Up Guidance".

■ MODELS AND SUFFIX CODES

● VDS Release Up Kit

		Description
Model	NT265AJ	VDS Release Up Kit (R6→R7)
Suffix Codes	-L	License
	W	Issued at Web
	01	for Full time version
	E	English version

		Description
Model	NT266AJ	VDS Release Up Kit (R5→R7)
Suffix Codes	-L	License
	W	Issued at Web
	01	for Full-time
	02	for Run-time
	E	English version

● ASTMAC Release Up Kit

		Description
Model	NT267AJ	ASTMAC Release Up Kit (R6→R7)
Suffix Codes	-L	License
	W	Issued at Web
	01	for Basic Type SS Full-time
	02	for Basic Type SS Run-time
	03	for Basic Type S,M,L,LL Full-time
	04	for Basic Type S,M,L,LL Run-time
	05	for Viewer Client Type
E	English version	

		Description
Model	NT268AJ	ASTMAC Release Up Kit (R5→R7)
Suffix Codes	-L	License
	W	Issued at Web
	01	for Basic Type SS Full-time
	02	for Basic Type SS Run-time
	03	for Basic Type S,M,L,LL Full-time
	04	for Basic Type S,M,L,LL Run-time
	05	for Viewer Client Type
E	English version	

Note: ID module for printer port with six digits serial number followed by 'HYFSID-' cannot be used for ASTMAC R7.

Ex) HYFSID-H1B345

If such ID module is in use, ID module for USB can be provided free of charge.

■ ORDERING INFORMATION

Specify model and suffix code.

■ TRADEMARKS

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