

# General Specifications

NT26□AJ  
VDS/ASTMAC  
Release Up Kit R6



GS 34P02V05-01E

## ■ GENERAL

VDS/ASTMAC Release Up Kit R6 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 6 (hereinafter called R6).

To use the latest function of VDS/ASTMAC or PC, your existing system may need to be revised up to R6 with this Kit.

\*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

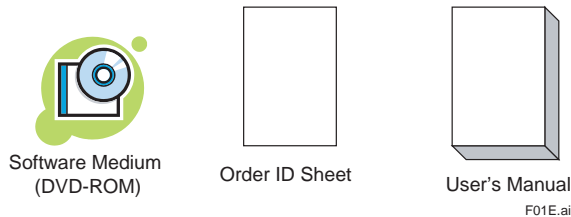


Figure Configuration of Release Up Kit

## ■ 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	R4/R5
ASTMAC (*2)	NT105□J, NT110□J, NT120□J, NT130□J, NT140□J, NT182AJ	R4/R5 (*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 R3 or earlier, consult YOKOGAWA separately.

## ■ SYSTEM REQUIREMENTS (OVERVIEW)

### ● VDS

Table VDS Data Server/HMI Server

Items	Specifications
OS (*1)	Windows Vista Business Edition SP1 or SP2 (*2) (*3) Windows XP Professional SP2 or SP3
CPU(*6)	Windows Vista Pentium III 1GHz or better Celeron 1GHz or better
	Windows XP Pentium III 700MHz or better Celeron 1GHz or better
RAM	Windows Vista At least 1GB (2GB or more recommended)
	Windows XP At least 512MB (1GB or more recommended)
Web browser	Windows Vista Internet Explorer 7.0 (*4) +Java Plug-in 5.0 Update 12 (*5)
	Windows XP Internet Explorer 6.0 SP2 or SP3 +Java Plug-in 5.0 Update 12 (*5)
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: 32-bit versions only

\*2: Some optional software packages may not run on Windows Vista (Detail is described later).

\*3: Aero style, User Account Control (UAC) and Windows Defender of Windows Vista must be disabled.

\*4: Phishing Filter of Internet Explorer 7.0 must be disabled. When user Account Control (UAC) of Windows Vista is disabled, Protection mode of Internet Explorer 7.0 is disabled together.

\*5: It is bundled with the Software Medium.

\*6: Some optional software packages run only on single processing environment.

**Table VDS HMI Client**

Items	Specifications
OS (*1)	Windows Vista Business Edition SP1 or SP2 (*2) Windows XP Professional SP2 or SP3
CPU	Windows Vista Pentium III 800MHz or better Celeron 1GHz or better
	Windows XP Pentium III 600MHz or better Celeron 600 MHz or better
RAM	Windows Vista At least 512MB (1GB or more recommended)
	Windows XP At least 256MB (512MB or more recommended)
Web browser	Windows Vista Internet Explorer 7.0 (*3) +Java Plug-in 5.0 Update 12 (*4)
	Windows XP Internet Explorer 6.0 SP2 or SP3 +Java Plug-in 5.0 Update 12 (*4)
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: 32-bit versions only

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

\*3: Phishing Filter of Internet Explorer 7.0 must be disabled. When user Account Control (UAC) of Windows Vista is disabled, Protection mode of Internet Explorer 7.0 is disabled together.

\*4: It is bundled with the Software Medium.

● **ASTMAC**

**Table System Requirements**

Items	Specifications
OS (*1)	Windows Vista Business Edition SP1 or SP2 (*2) (*3) Windows XP Professional SP2 or SP3
CPU (*4)	Windows Vista Pentium III 800MHz or better (Pentium III 1GHz or better recommended)
	Windows XP Pentium III 400MHz or better (Pentium III 700MHz or better recommended)
RAM	Windows Vista At least 512MB (1GB or more recommended)
	Windows XP At least 256MB (512MB or more recommended)
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: 32-bit versions only

\*2: Some optional software packages may not run on Windows Vista (Detail is described later).

\*3: Aero style, User Account Control (UAC) and Windows Defender of Windows Vista must be disabled.

\*4: 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 (R6) on Windows Vista 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.

■ **ATTENTIONS FOR THE LONG TIME OPERATING**

When the sum of totals of the number of the following exceed 80, Windows might become unstable in the long time operating.

Set the sum of these totals to 80 or less.

- The number of an I/O object, a timer, a signal and block data configured using Object Builder.
- The number of the application forms (ASTMAC)
- The number of the screens displaying in each HMI client at the same time (VDS)

## ■ 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. Windows Vista: Excel 2007 SP1 Windows XP: Excel 2007 SP1, Excel 2003 (*3)
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 are required as development environment Windows Vista: Visual Studio 2005 SP1 + Visual Studio 2005 SP1 Update for Windows Vista Windows XP: Visual Studio 2005 SP1, Visual Studio .NET2003

- \*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 34P02V05-01E "VDS/ASTMAC R6 Release Up Guidance".
- \*3: Excel 2003 is not recommended due to the end of support from Microsoft.

## ■ MODIFICATION S OF APPLICATIONS

VDS/ASTMAC (R6) 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
Message Management Logging message into data base	Logging message into data base (Oracle) with VDS/ASTMAC	With message log file, creating an application to send message log to upper stream is required.
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 before. (*4) 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. (*3)(*2) Following software is required as development environment Windows Vista: Visual Studio 2005 SP1 + Visual Studio 2005 SP1 Update for Windows Vista Windows XP: Visual Studio 2005 SP1, Visual Studio .NET2003

- \*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 34P02V05-01 "VDS/ASTMAC R6 Release Up Guidance".
- \*3: As for the detail, refer to GS 34P02H51-01E "OPC Data link package for .NET".

## ■ RELEASE OR TRANSFER

The optional software packages described in following table do not run on Windows Vista. However, they run on Windows XP. You have two choice; release of package on Windows XP or transfer to Windows Vista according to the following table.

**Table Optional software packages requiring release or transfer to Windows Vista (\*1)**

Name	Model	Method of Release or Transfer
Operation Shield Package	NT321AJ	To specify the rear window and the full-screen window, please use support tool in VDS/ASTMAC(R6) software medium (DVD-ROM). Other functions can not be transferred to Windows Vista. Please revise the package on Windows XP.
Power Monitor Driver	NT366AJ	The connection with our 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 Vista is impossible. Please revise the package on Windows XP.

- \*1: As for the detail, refer to TI 34P02V05-01 "VDS/ASTMAC R6 Release Up Guidance".

**MODELS AND SUFFIX CODES**

● **VDS Release Up Kit**

		Description
<b>Model</b>	NT261AJ	VDS Release Up Kit (R5→R6)
<b>Suffix Codes</b>	-L	License
	W	Issued at Web
	01	for Full time version
	E	English version

		Description
<b>Model</b>	NT262AJ	VDS Release Up Kit (R4→R6)
<b>Suffix Codes</b>	-L	License
	W	Issued at Web
	01	for Full-time
	02	for Run-time
	E	English version

● **ASTMAC Release Up Kit**

		Description
<b>Model</b>	NT263AJ	ASTMAC Release Up Kit (R5→R6)
<b>Suffix Codes</b>	-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
<b>Model</b>	NT264AJ	ASTMAC Release Up Kit (R4→R6)
<b>Suffix Codes</b>	-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 R6.  
 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**

- STARDOM and ASTMAC are trademarks of Yokogawa Electric Corporation.
- Microsoft, Windows, Visual Basic, Internet Explorer, Excel and Visual Studio are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- Other product and company names appearing in this document are trademarks or registered trademarks of their respective holders.