

Service Information

MACHINE TYPE : Xg, YG series, YS series

No: SI1006001E-000

CLASSIFICATION : Installation

ISSUED DATE: July 20, 2010

REFERENCE : Pre-installation check sheet - "IT option System necessary composition"

Things to be prepared before installing Y.FacT/IT System

This document describes what the customers should prepare before installing Y.FacT (including IT-Option). It is the excerpt from another document "Pre-installation Checksheet - IT option System necessary composition". Please refer to it for details.

<Things to be prepared>

Items	Qty
LAN cable and Hub	Prepare for the number of PCs and machines to be network-connected
PCs and Server PCs	Prepare for the number of software to be purchased, and for the number of machines connected to the network.
OS for each PC * The required OS may vary depending on the software to be installed. Refer to <i>Table 3</i> .	Prepare for the number of PCs to be purchased.
CAL (=Client Access License) for each server PC	Prepare for the number of PCs and machines that refer to the files in the server PC.
SQL server for each server PC	Prepare for the number of server PCs to be purchased for T-Tool
CAL for each SQL server	Prepare for the number of machines that use the "Product Traceability Function".
Anti-virus software and other software for each PC	Prepare for the number of PCs to be purchased.
UPS and its management software for each PC	Prepare for the number of PCs that require UPS.

Table 1

<The preparatory works to be done before installing the Y.FacT/IT System>

* The works to be done by the time the new machines and equipments (that Y.FacT/IT System are to be installed) have been installed.

Works to be done	Note
Setup and installation of each PC and Server PC.	Refer to <i>Table 3</i> for the specification. * When purchasing S-Tool, the IT-System is indispensable. Therefore the server for the IT-System is also required.
Install the OS for each PC.	Refer to <i>Table 3</i> for the required OS.
Install SQL server and CAL for each PC.	Refer to <i>Table 3</i> and another document "IT option System necessary composition" for the required SQL and CAL.
Install the anti-virus software or other software for each PC.	-
Allocate IP addresses to the PCs and the machines connected to the network.	-
Installation and wiring of the LAN cable and Hub.	-
Join a domain or a workgroup for each PC.	-
Allocate IP addresses to the access point and the wireless handy reader.	Only when purchasing the wireless handy reader.
Install a UPS and its management software for each PC	-

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Works to be done	Note
Create barcodes and attach them to the components (reels, trays, and so on). *When S-tool or IT-System is installed and the "Product Traceability" function is used.	The barcodes should be created according to the customer's operation method, and the contents of the barcodes must be identical.

Table 2

Refer to another document "Pre-installation Checksheet - IT option System necessary composition" for details.

Also, please attach it to this document (SI1006001E-000= *Things to be prepared before installing Y.FacT/IT System*) when providing the service information to the customers

Software to be installed	Hardware, Software	Operating environment (PC, Server)
P-Tool (Programming Tool) M-Tool (Monitoring Tool) S-Tool (Setup Tool)	OS	<ul style="list-style-type: none"> Windows XP Professional SP2 or later (Japanese/English) Windows Vista Business (Japanese/English)
	Database software	Not required.
	CPU	<ul style="list-style-type: none"> Dual: 2GH/z or greater Single: 3GH/z or greater
	Memory	1GB or greater (When Visual Editor is used: 2GB or greater)
	Required free hard-disc space	<ul style="list-style-type: none"> P/M-Tool: 30GB (For the system: 20GB, For storing the data: 10GB) or greater S-Tool: 20GB (For the system: 20GB) or greater
	CD drive	It is required when the software version is upgraded.
	FD drive	It is required for the Xg model or older type of machine.
	LAN environment	100Mbps or greater
	USB	It is required when the hard key is used. For S-Tool, it is also required for connecting the barcode reader.
	Other	Microsoft EXCEL is required when "Setup Assignment" is performed.
T-Tool (Traceability Tool)	OS	<ul style="list-style-type: none"> Windows Server 2008 R1 standard 32-bit (Japanese/English) Windows Server 2003 R2 standard 32-bit (Japanese/English) Windows Server 2003 standard SP1 (Japanese/English)
	CAL	Prepare for the number of machines and PCs to be connected.
	Database software	<ul style="list-style-type: none"> SQL Server 2008 standard SP1 or later (Japanese/English) SQL Server 2005 standard SP1 or later (Japanese/English) SQL Server 2000 standard SP3a or later (Japanese/English)
	SQL, CAL (For data base)	<ul style="list-style-type: none"> Prepare for the number of machines and PCs connected to the network. Product Traceability function: Prepare for the number of machines that use T-tool (Indispensable)

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Software to be installed	Hardware, Software	Operating environment (PC, Server)
	CPU	<ul style="list-style-type: none"> Dual: 2GH/z or greater Single: 3GH/z or greater
	Memory	2GB or greater *Allocate 1GB or greater (more than half) to SQL Server.
	Required free hard-disc space	160GB or greater (For the system: 20GB, For storing the database: 120GB, For storing the data: 10GB)
	CD drive	It is required when the software is upgraded.
	LAN environment	100Mbps or greater
	USB	It is required when the hard key is used.
	Restriction on the connection	16 or less machines should be connected per PC. When more than 17 machines need to be connected, add the server for the T-Tool according to the number of machines.
	Other	NTFS is required as the file system for the Server PC. * FAT is incapable of handling the 4GB or greater files.
IT-System (Sytem Server) * It is required when purchasing IT-Option and S-Tool for YG12, YG300 and YS series machines.	OS	<ul style="list-style-type: none"> Windows Server 2008 R1 standard 32-bit (Japanese/English) Windows Server 2003 R2 standard 32-bit (Japanese/English) Windows Server 2003 standard SP1 (Japanese/English)
	CAL	Prepare for the number of machines and PCs to be connected. *The wireless handy reader is counted as one unit.
	Database software	Not required
	SQL, CAL (For database)	Not required
	CPU	<ul style="list-style-type: none"> Dual: 2GH/z or greater Single: 3GH/z or greater
	Memory	1GB or greater
	Required free hard-disc space	25GB or greater (For the system: 20 GB, For storing the files: 5GB)
	CD drive	It is required when upgrading the software.
	LAN environment	100Mbps or greater
	USB	Two or more ports are required. (For connecting a hard key and a barcode reader)
	Restriction on the connection	40 or less machines should be connected per PC. When more than 41 machines need to be connected, add the server for the IT-System according to the number of machines. (When the machines to be connected are only the YS series, the YG300 model, or the YG12 model, the server may not need to be added.)

Table 3

P-Tool, S-Tool, and M-tool can be installed in one PC as long as the above-mentioned conditions are met.

However, if all the software need to be activated or operated at the same time, it is recommended to install one software per PC.