# **VPMS** v2.0 for MSSQL Installation manual

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# 1. Database Installation

# 1.1. MSSQL Server

1) Put MS-SQL 2000 CD into the CD-ROM and select "SQL Server 2000 Components" as shown below.



2) Select "Install Database Server"



3) Click "Next>" button.

Welcome		×
	Welcome to the Microsoft SQL Server Installation Wizard.	
T un	The Installation Wizard allows you to install a new instance of SQL Server or modify an existing instance.	
F		
	Cancel	

4) Select "Local Computer" and click "Next>" button.

Computer Name		×
	Enter the name of the computer on which you want to create a new instance of SQL Server or modify an existing instance of SQL Server.	
	Or, enter the name of a new or existing Virtual SQL Server to manage.	
	최진석PC	
	C Virtual Server	
	Browse	
	Help < <u>B</u> ack <u>N</u> ext > Cancel	

5) Select "Create a new instance of SQL Server, or install Client Tools" and clcik "Next>" button.

Installation Selection		$\mathbf{\times}$
	<ul> <li>Select one of the following installation options.</li> <li>Create a new instance of SQL Server, or install Client Tools</li> <li>Upgrade, remove, or add components to an existing instance of SQL Server</li> <li>Advanced options</li> <li>Create a New Installation This option allows you to create a new instance of SQL Server 2000 or install Client Tools on any supported Operating System.</li> </ul>	
	Help < <u>B</u> ack <u>N</u> ext > Cancel	

6) Enter "Name" and "Company". Clcik "Next>" button.

User Information	
	Enter your name below. It is not necessary to enter a company name.
	Name: jschoi
	< <u>B</u> ack ( <u>Next</u> > Cancel

7) Click "Yes" button.

Software License Agreement	X
Please read the following License Agreement. Press the PAGE DOWN key to the rest of the agreement.	see
120-Day Evaluation License for Microsoft SQL Server 2000	^
IMPORTANT-READ CAREFULLY: This Microsoft Evaluation License Agreement (" Evaluation License") is a legal agreement between you (either an individual or a single entity) and Microsoft Corporation for the Microsoft software product identified above, which includes computer software and may include associated media, printed materials, and "online" or electronic documentation ("Software Product"). BY INSTALLING, COPYING, OR OTHERWISE USING THE SOFTWARE PRODUCT, YOU AGREE TO BE BOUND BY THE TERMS OF THIS EVALUATION LICENSE. IF YOU DO NOT AGREE TO THE TERMS OF THIS EVALUATION LICENSE, DO NOT INSTALL, COPY OR USE THE SOFTWARE PRODUCT.	
The Software Product is owned by Microsoft or its suppliers and is protected by copyright	~
Do you accept all the terms of the preceding License Agreement? If you choose No, Se will close. To install Microsoft SQL Server 2000, you must accept this agreement.	tup
< <u>B</u> ack <u>Y</u> es <u>N</u> o	

8) Select "Server and Client Tools" and click "Next>" button.

Installation Definition	
	You can select one of the following types of installations.
	C <u>C</u> lient Tools Only
II III	
	C Connectivity Only
	This option allows you to install a server and the client tools. Use this option if you want to set up a server with administration capabilities.
	Help < <u>B</u> ack <u>N</u> ext > Cancel

9) Check "Default" and click "Next>" button.

Instance Name		×
	Default     For a default installation, leave Default checked and click Next.     To install or maintain a named instance of SQL Server on this computer clear the Default checkbox and type or select an instance name.     A new name must be 16 characters or less and should start with a letter or other acceptable character. For more information, click Help.     Instance name:	
	Help < <u>B</u> ack <u>N</u> ext > Cancel	

10) Select "Typical" and click "Next>" button.

Setup Type			×
Click the type of Setup you prefer, then click Next.			
Typical	Installed with the most common options. Recommended for most users.		
C <u>M</u> inimum	Installed with minimum required	options.	
C <u>C</u> ustom	You may choose the options you advanced users.	u want to install. Recomme	ended for
🗆 Destination Folder			
Program Files	Browse C:\Progr	am Files\Microsoft SQL Se	erver
Data Files	Browse C:\Progr	am Files\Microsoft SQL Se	erver
		Required:	Available:
Space on program	files drive:	38073 K	3182836 K
Space on system of	Inve:	158694 K	3182836 K
Space on data file:	s drive:	34432 K	3182836 K
	<u>H</u> elp < <u>B</u> a	ack <u>N</u> ext >	Cancel

11) Select "Use a Domain User account" and remove "Username" and "Password" as shown below. Click "Next>" button.

Services Accounts			<
<ul> <li>Use the same account for eac</li> <li>Customize the settings for eac</li> </ul>	Use the same account for each service. Auto start SQL Server Service. Customize the settings for each service.		
Services	Service Settings		
C SQL Server	○ Use the <u>L</u> ocal Syste	em account	
C SQL Server Agent	Use a Domain User	account	
	<u>U</u> sername:		
	Password:		
	<u>D</u> omain:		
	M Auto Start Service		
<u>H</u> elp	< <u>B</u> ack	Next > Cancel	

12) Select "Mixed Mode" and click "Next>" button.

Authentication Mode	X
Choose the authentication mode.	
C Windows Authentication Mode	
<u>Mixed Mode (Windows Authentication and SQL Server Authentication)</u>	
Add password for the sa login:	
Enter password:	
Confirm password:	
✓ Blank Password (not recommended)	
Help< <u>Back</u>	Cancel

13) Click "Next>" button to begin installation.

Start Copying Files	N 100 100 100 100 100 100 100 100 100 10
	Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.
	< <u>B</u> ack <u>Next</u> > Cancel



14) Click "Finish" button to complete setup.

Setup Complete	
	Setup has finished installing an instance of Microsoft SQL Server 2000 on your computer.
	Click Finish to complete Setup.
	[Finish]

# 2. VPMS Server

# 2.1. Install JRE (Java Runtime Environment)

# JRE(Java Runtime Environment) installation is required to activate MBMS server. If JRE has been already installed, you wouldn't need to install.

You can check this by executing 'java' command on DOS mode.

You can download and intall JRE through Java web(http://java.sun.com).

Installation procedure is as below.

- 1) Visit Java web(<u>http://java.sun.com</u>).
- Click the latest version(J2SE\_1.4.2 SDK) on Popular Downloads category at the right section of the page.





3) Select J2SE v1.4.2\_05 JRE or the latest version of JRE.



4) Accept agreement and proceed next.

Download Center - Terms	of Use – Microsoft Internet Explorer	
파일( <u>F</u> ) 편집( <u>E</u> ) 보기(⊻)	즐겨찾기( <u>A</u> ) 도구( <u>T</u> ) 도움말( <u>H</u> )	2
(국 뒤로 🔹 🕗 🖌 🗾 💈	🐔 🔎 검색 ☆ 즐겨찾기 🔇 미디어 🚱 🔗 - 🍃 🖸 - 📃 🎓	연결
주소(D) 🙋 https://sdlcweb2c.s	un,com/ECom/EComActionServlet;jsessionid=sdlcweb2c,sun,com-3926%3A40fb4cb1%3A30fb2b6f112c3feb	) 💽 🄁 미동
developers.sun.com	» search tips   Search: in Develop	ers' Site 💌 🗾 🔺
Java	The Source for Java Developers	Sun.
erms of Use	Please indicate whether you accept or do not accept the following software license agreement(s) by choosing "Accept" or "Decline" and clicking the "Continue" button. <b>NOTE:</b> If you do not accept the license agreement for a product you have chosen, you will not be able to purch download that product.	g either Iase or
	LICENSE AGREEMENT Java(TM) 2 Runtime Environment, Standard Edition 1.4.2_05, Download In order to obtain Java(TM) 2 Runtime Environment, Standard Edition 1.4.2_05 you must agree to the softwar below:	re license
	Sun Microsystems, Inc. Binary Code License Agreement for the JAVATM 2 RUNTIME ENVIRONMENT (J2RE), STANDARD EDITION, VERSION 1.4.2_X SUN MICROSYSTEMS, INC. ("SUN") IS WILLING TO LICENSE THE SOFTWARE IDENTIFIED BELOW TO YOU ONLY UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS CONTAINED IN THIS BINARY CODE LICENSE AGREEMENT AND SUPPLEMENTAL LICENSE TERMS (COLLECTIVELY "AGREEMENT"). PLEASE READ THE AGREEMENT CAREFULLY. BY DOWNLOADING OR INSTALLING THIS SOFTWARE, YOU ACCEPT THE TERMS OF THE AGREEMENT. INDICATE ACCEPTANCE BY SELECTING THE "ACCEPT" BUTTON AT THE BOTTOM OF THE AGREEMENT IF YOU ARE NOT WILLING TO BE BOLIND BY ALL THE	
) 완료	AGREEMENT. IF YOU ARE NOT WILLING TO BE BOOND BY ALL THE CAccept	Continue

5) Download offline version of JRE windows Platform and install.

🗿 Download Center – Down	load – Microsoft Internet Explorer	
파일( <u>F</u> ) 편집( <u>E</u> ) 보기( <u>V</u> )	즐겨찾기( <u>A</u> ) 도구( <u>I</u> ) 도움말( <u>H</u> )	
🔾 뒤로 🛛 🕗 🖌 🛃 💈	) 🏠 🔎 검색 🥎 즐겨찾기 🜒 미디어 🚱 🍰 🎍 🔯 🗸	_ 😚
주소(D) 🙋 https://jsecom15b	,sun.com/ECom/EComActionServlet/LegalPage:~:com,sun,sunit,sdlc,conten	t,LegalWebPageInfo;jsessionid=jse 🔽 🄁 이동
developers.sun.com	» search tips   Search:	📔 in Developers' Site 💌 🛤
Java	The Source for Java Developers	Sure Sure
Download	Java(TM) 2 Runtime Environment, Standard Edition 1.4.2_05 For easier, more reliable downloads, try Sun Download Manager 1.1. • Solaris 64-bit requires users to first install 32-bit.	
	<ul> <li>Installation instructions:         <ul> <li>English</li> <li>Japanese</li> </ul> </li> <li>For Windows, choose "Windows Online Installation" for the quickest do connected to the Internet. Typical download size is 7.6 MB, which is the if additional features are selected.</li> </ul>	wnload and installation on a machine minimum download. The size may increase
	NOTE: The list offers files for different platforms - please be sure to select the p review the files listed below to select the ones you want, then click the link(s) to download, you may return to the Download Center anytime, sign in, then click t continue.	oroper file(s) for your platform. Carefully o download. If you don't complete your he "Download/Order History" link on the left to
	How long will it take? 🗗	
	Download problems or Questions? See the Sun Download Center FAQ	_
	Java(TM) 2 Runtime Environment, Standard Edition 1.4.2_05 Windows Platform Windows Offline Installatic	Click below to download
	Windows Installation, wur	i586-p.exe, 14.91 MB) 🕹 II-language (j2re-1_4_2_us-windows-1586-p- iftw.exe, 1.35 MB) 🕹
	Linux Platform RPM in self-extracting file (	j2re-1_4_2_05-linux-i586-rpm.bin, 13.23 MB)
	self-extracting file	e (j2re-1_4_2_05-linux-i586.bin, 13.72 MB) 😂 🍟

6) After executing downloaded file and accept the terms in the license agreement.



7) Select Typical mode.





8) Installation is being proceeded.



9) Click Finish tab and finish JRE installation.





# 2.2. VPMS Server Installation

Install VPMS Server on Server PC.

1) Execute VPMS Server installation file and click Next.



2) Select "I accept the terms in the license agreement" and click "next>" button.

PMS server - InstallShield Wizard	×
License Agreement Please read the following license agreement carefully.	
AddPac Technology Software License Agreement	
The software and accompanying documentation are licensed you by AddPac Technology. ("AddPac"). AddPac reserves a expressly granted to you.	d, not sold, to any rights not
This is an agreement between you, the end user, and AddPa this software, you are agreeing to become bound by the terr agreement.	ac. By using ns of this
<ul> <li>I accept the terms of the license agreement</li> <li>I do not accept the terms of the license agreement</li> </ul>	<u>P</u> rint
stallShield	Cancel

3) Enter User Name, Organization and Serial number. Then, click "Next>" button.

VPMS server - InstallShield Wizard	×
Customer Information	and a
Please enter your information.	
Please enter your name, the name of the compa serial number.	my for which you work and the product
User Name:	
js.choi	
Company Name:	
AddPac	
<u>S</u> erial Number:	
InstallShield	< <u>B</u> ack <u>N</u> ext⇒ Cancel



4) Select the path to install the program.

VPMS ser	ver – InstallShield Wizard			×
Choose D Select fo	Pestination Location Ider where setup will install files.			22
	Install VPMS server to: C:\Program Files\AddPac\VPMS ser	ver		<u>C</u> hange
InstallShield –		< <u>B</u> ack	Next >	Cancel

5) Clcik "Install" button.

VPMS server - InstallShield Wizard 🛛 🗙
Ready to Install the Program The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield <u>Ancel</u>



6) Install the program.



7) Click "Finish" button to complete program installation.

VPMS server - InstallShi	eld Wizard
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed VPMS server. Click Finish to exit the wizard.
	< Back Finish Cancel

8) The program is regitered under [Start]> [Programs]> [Addpac APMS]> [VPMS Server].

# 2.3. VPMS Database Configuration

#### 2.3.1. MSSQL Database Configuration

Database configuration is script execution process, which is setting the basic environment of MSSQL DB at VPMS Server.

1) Select [Start]> [Programs]> [Microsoft SQL Server]> [Service Manager] from Windows.

2) Click "Start/Continue" button to start SQL service.



3) Select [Start]> [Programs]> [Microsoft SQL Server]> [Enterprise Manager], to creat Database and an account.





4) Select Tools > SQL Query Analyzer in Enterprise Manager Menu.

5) Select [File]> [Open] from SQL Query Analyzer menu or click "Load SQL Script" button to call 'ap\_vpms.sql' script file

#### $\star$ "ap\_vpms.sql" is under same path where Server program is installed.

( "c:\Program Files\AddPac\VPMS\_Server\Initial\_data\ap\_vpms.sql")

Open Query F	ile		? ×
Look jn: 🔂	Initial_Data	) 🖻 🔿 💌	• 🖽
ap_vpms.	sql		
I			
File <u>n</u> ame:	ap_vpms.sql		<u>O</u> pen
Files of type:	Query Files (*.sql)	-	Cancel
File format:	Auto		
	L. MO		

#### 6) "ap\_vpms.sql" is called.



7) Click "Execute Query" or select [Query]> [Execute] from the menu to execute the script. Then the table and basic data is created.



#### 2.3.2. MSSQL Agent Configuration

#### Agent Configuration is needed to improve processing performance by deleting outdated data.

- 1) Execute Windows Start>Setting>Control Panels>Administrative Tools->Services.
- 2) Run SQLSERVERAGENT.
- 3) Set Automatic as Startup Type in Properties ans Start.

Services					
Action View 🖌 📛	→ 🖿 🖬 🖬 😭 🖳	.   😭     ▶ 🔳    ■	Þ		
Tree		Description Status	Startup Type	Log On As	
(99) Comvises (Local)	Network DDE DSDM	Manages s	Manual	LocalSystem	
w Dervices (Local)	NT LM Security Sup	Provides s	Manual	LocalSystem	
	Office Source Engine	업데이트	Manual	LocalSystem	
	Performance Logs a	Configures	Manual	LocalSystem	
	Plug and Play	Manages d Started	Automatic	LocalSystem	
	Print Spooler	Loads files Started	Automatic	LocalSystem	
	Protected Storage	Provides pr Started	Automatic	LocalSystem	
	QoS RSVP	Provides n	Manual	LocalSystem	
	Remote Access Aut	Creates a	Manual	LocalSystem	
	Remote Access Con	Creates a Started	Manual	LocalSystem	
	Remote Procedure	Provides th Started	Automatic	LocalSystem	
	Remote Procedure	Manages t	Manual	LocalSystem	
	Remote Registry Se	Allows rem Started	Automatic	LocalSystem	
	🆓 Removable Storage	Manages r Started	Automatic	LocalSystem	
	Routing and Remot	Offers rout	Disabled	LocalSystem	
	RunAs Service	Enables st Started	Automatic	LocalSystem	
	Security Accounts	Stores sec Started	Automatic	LocalSystem	
	Server 🖏	Provides R Started	Automatic	LocalSystem	
	🦓 Smart Card	Manages a	Manual	LocalSystem	
	Smart Card Helper	Provides s	Maneale 🖌	LocalSystem	
	SQLSERVERAGENT		🚦 Automatic	LocalSystem	
	System Event Notifi	Tra Start	Automatic	LocalSystem	
	🖏 Task Scheduler	Ena	Automatic	LocalSystem	
	TCP/IP NetBIOS Hel	Ena Bosumo	Automatic	LocalSystem	
	Sector Telephony	Pro	Manual	LocalSystem	
	🖏 Telnet	Allc	Manual	LocalSystem	
	Wuninterruptible Pow	Mai All Tasks 🕨	Manual	LocalSystem	
	W Utility Manager	Sta	Manual	LocalSystem	
	Whware Tools Service	Pro	Automatic	LocalSystem	
	WNC Server Version 4	Properties	Automatic	LocalSystem	
	Windows Installer	Ins	Manual	LocalSystem	
	Windows Managem	Pro	Automatic	LocalSystem	
	Windows Managem	Provides s Started	Manual	LocalSystem	
	Windows Time	Sets the co	Manual	LocalSystem	
	Wireless Configuration	Provides a	Manual	LocalSystem	
	Workstation	Provides n Started	Automatic	LocalSystem	
Start service SQLSERVERAG	ENT on Local Computer				

4) Run Start>Programs>Microsoft SQL Server>Enterprise Manager to register Agent detail.

Action Yew Tools     Action     Yew Tools     Microsoft SQL Servers     Microsoft SQL Servers     SQL Server     SQL Server     Group	🚡 SQL Server Enterprise Manager -	[Console Root\Microsoft SQL Servers]	_ 🗆 ×
Action Yiew   Tree     Console Root     Console Root     SQL Servers     SQL Server	] 📸 Console Window Help		_ <del>8</del> ×
Tree       Microsoft SQL Servers 1 Item         Console Root       Image: SQL Server Sole Server So	$ \underline{A}$ ction $\underline{V}$ iew $\underline{I}$ ools $ \underline{I} \leftarrow \rightarrow   $	🖻 📧 🖆 🕼 😫 🛛 🔆 🕪 🗊 छ 💼	
Console Root B-II Microsoft SQL Server Group	Tree	Microsoft SQL Servers 1 Item	
<u> </u>	Console Root	SQL Server Group	

AddPac



5) Choose Tools > SQL Query Analyzer in Enterprise Manager Menu.

6) Choose File>Open in SQL Query Analyzer menu or Click Load SQL Script tab to open 'ap\_vpms\_history\_remove' script file

#### $\star$ ap\_vpms.sql file is under same path where Server program is installed.

( "c:\Program Files\AddPac\VPMS\_Server\Initial\_data\ap\_vpms\_history\_remove.sql" )

Open Query F	ile		? X
Look in: 🔁	Initial_Data	💌 🕂 🔁 (	* 🎟
ap_vpms.s	sql		
ap_vpms_	history_remove.sql		
	$\searrow$		
J.			
File name:	ap_vpms_history_remove.sql		Upen
Files of type:	Query Files (*.sql)	•	Cancel
File format:	Auto	•	

7) Choose ap\_vpms\_history\_remove.sql and open.



8) Set value for operation starting date (@START\_DATE) ex: 20050513) and Click Execute Query or Choose Query>Execute to run the script for appending new Agent operation.

9) User can check the appended Agent operation in Enterprise Manager->Management->SQL Server Agent -> Jobs and Start Operation.



# 2.4. Server Database Configuring

- 1) Environment setting file ("db.properties")
- "c:\Program files\Addpac\VPMS Server\db.properties"
- 2) Environment setting
- Information such as Driver, IP address & port, log-in account is registered inn the environment setting file.
- Following example is for MSSQL setting. Highlighted part can be modified and database server IP address can be registered.

#### drivers=com.inet.pool.PoolDriver

logfile=/dbPool.log

mydb.url=jdbc:inetpool:inetdae7:172.16.31.2:1433?database=apems mydb.maxconn=50 mydb.user=apems mydb.password=apems

[Config] MSSQL "db.properties" file setting

# 3. VPMS Client

# 3.1. VPMS Client Installation

VPMS Client is installed at Client PC and it can be installed at more than one PC.

1) Run VPMS client installation file and click Next.



2) Select "I accept the terms in thelicense agreement" abd click "Next>" button.



3) Enter "User Name", "Organization" and assigned "Serial Number". Click "Next>" button.

VPMS client - InstallShield Wizard	×
Customer Information Please enter your information.	
Please enter your name, the name of the company for which you work and the product serial number.	
User Name:	
js.choi	
Company Name:	
AddPac	
<u>S</u> erial Number:	
l	
InstallShield	_
< <u>B</u> ack <u>N</u> ext > Cancel	

4) Select folder where setup will install files.

VPMS clie	nt - InstallShield Wizard			×
Choose D Select fo	estination Location Ider where setup will install files.			No.
	Install VPMS client to: C:\Program Files\AddPac\VPMS client			<u>C</u> hange
InstallShield –		< <u>B</u> ack	Next>	Cancel

5) Click Install to begin the installation.

VPMS client - InstallShield Wizard 🔀
Ready to Install the Program The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield <u>Rack Install</u> Cancel



6) Install VPMS client.



7) Click "Finish" button to complete installation.

VPMS client - InstallShie	ld Wizard
	InstallShield Wizard has successfully installed VPMS client. Click Finish to exit the wizard.
	< <u>B</u> ack <b>Finish</b> Cancel

8) The program is registered at [Start]> [Programs]> [Addpac APMS]> [VPMS Client].



# 3.2. Client Database Setting

1) When you run Client program in the first time Client, database setting window will come up automatically. You can configure the setting by running "server.udl" in the program derectory.



2) With firsttime VPMS client running, Server.udl not found window pops up, click OK to proceed.



3) Setting for connection to database can be configured in Data Link Properties window.

🗒 Data Link Properties 🛛 🔀
Provider Connection Advanced All
Specify the following to connect to ODBC data:
Use data source name
▼ Refresh
C Use connection string
Connection string:
2. Enter information to log on to the server
User name:
Password:
🔲 Blank password 🛛 Allow saving password
3. Enter the initial catalog to use:
<b>•</b>
Test Connection
OK Cancel Help

4) Select Provider tab and choose SQL server for data provider and click Next button.

🗒 Data Link Properties	×						
Provider Connection Advanced All							
Select the data you want to connect to:							
OLE DB Provider(s)							
MediaCatalogDB OLE DB Provider							
MediaCatalogMergedDB OLE DB Provider							
MediaLatalogWebDB ULE DB Provider							
Microsoft OLE DB Provider For Data Mining Services							
Microsoft OLE DB Provider for DTS Packages							
Microsoft OLE DB Provider for Indexing Service							
Microsoft OLE DB Provider for Internet Publishing							
Microsoft OLE DB Provider for ODBC Drivers							
Microsoft OLE DB Provider for Olap Services 8.0							
Microsoft OLE DB Provider for Oracle							
Microsoft OLE DB Provider for SQL Server							
Microsoft ULE DB Simple Provider							
MisiDialasriape OLE DB Provider for Microsoft Directory Services							
SQL Server Beplication OLE DB Provider for DTS							
	11						
	- I						
Next>>							
OK Cancel Help	1						

5) Enter Server name or Server IP address. Set User name(apems), Password(apems)

 ∃and choose Database(apems). When the setting is completed, proceed

 Testconnection to confirm if setting is applied alright.

평 Data Link Properties 🛛 🗙
Provider Connection Advanced All
Specify the following to connect to SQL Server data: 1. Select or enter a server name: 172.16.31.2  Refresh 2. Enter information to log on to the server: Use Windows NT Integrated security
<ul> <li>Use a specific user name and password:</li> <li>User name: apems</li> <li>Password: *****</li> <li>Elank password</li> <li>Allow saving password</li> <li>Select the database on the server:</li> </ul>
apems        C     Attach a database file as a database name:
Using the filename: Test Connection
OK Cancel Help

- 6) Click Test Connection to confirm if MSSQL DB setting has no problems.
- 7) Click OK to save the setting and run vpms client again.

# 4. VPMS Program Running

# 4.1. Server Program Execution

- 1) Select [Start]> [Programs]> [AddPac]> [VPMS Server]> [VPMS\_Server].
- 2) Program is executed.



# 4.2. Client Program Execution

1) Select [Start]> [Programs]> [AddPac]> [VPMS Client]> [VoIP PnP Management System 1.00"].



2) The Login dialog box of VPMS program is appears. The defualut login information is (Operator id : root, password : router).

(The login information can be added, deleted and modified at the program. So chenage the default Operator ID.)

缓 Login		×
Operator ID Password	root	
• 0	K 🛛 🗶 Cancel	

3) After the login process, the below VPMS Client main page is diaplyed.

V V No 1 2 3 4	olP PnP N File Mana & S S ColPo Group Id 01 02 03 04	Aanagement S gement Search P P P P C Group name Sungnam Seoul Kangnam Seocho	ystem h <u>V</u> iew ) 🌮 L	v2.0 - [v v	Group Sum Statistics	mary] Help Lut GW Provisioning 0 0 0 0 6	GW Not provision 2 0 0 7	<b>VoIP</b> GK Register 1 6688 0 1797	Plug & I GK not Registe 15 480 21 0	Play Mana r SIP Register 0 0 0	gement Sys AddPac Techn SIP not Register 7168 21 1797	
	un Chat					~	-		-	-		
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# 4.3. Tera Term Installation

Tera Term is needed for gateway debugging.

If Tera Term is not installed, you won't use VPMS Telnet functions.

1) Teraterm program can be downloaded from

http://hp.vector.co.jp/authors/VA002416/teraterm.html .	
Tera Term Home Page - Microsoft Internet Explorer	
· 파일(E) 편집(E) 보기(Y) 즐겨찾기(A) 도구(I) 도움말(H)	AT
🌀 뒤로 🔹 📀 🔹 🛃 🏠 🔎 검색 📌 즐겨찾기 🔮 미디어 🊱 🔗 - 🌺 🖸 🛛 📃	
) 주소(D) 🕘 http://hp.vector.co.jp/authors/VA002416/teraterm.html	▶ 미동 (연결
Tera Term Home Page	
last updated: Aug. 9, 1999	1
Tera Term (Pro) is a free software terminal emulator (communication program) for MS-Windows. It telnet connection, serial port connection, and so on.	supports VT100 emulation,
What's new           Pocket Tera Term version 0.0 for Windows CE 1.01 (Aug 9, 1999)	
The author thinks that <b>Tera Term (Pro) is Year-2000 compliant</b> . If any Year-2000 problem ap as README.TXT stated, there is no warranty for any kind of problem caused by Tera Term (Pro).	pears, it will be fixed. However,
● Latest versions (Mar 10, 1998)	
Tera Term Prover. 2.3 for Windows 95/NT	
Download (ttermp23.zip; 943,376 bytes)	
Tera Term ver. 1.4 for Windows 3.1	
Download (ttermv14.zip; 698,697 bytes)	
<ul> <li>Serial ports larger than COM4.</li> <li>Baud rate of 14400.</li> </ul>	
	🔮 인터넷 🧱

- 2) After downloading Teraterm, unzip "ttermp23.zip".
- 3) Run Setup.exe.

4) Choose English.

😹 Tera Term Pro Setup	
Tera Term Pro	
Tera Term Pro Setup	
This setup program will install Tera Term Proversion 2.3.         Select the language mode of Tera Term.         Language:         English         Japanese         Russian	

5) Select Continue.





6) Select the path where TeraTerm will be installed.



7) TeraTerm Installation is completed.





# 5. Auto Upgrade Server Installation

# 5.1. Configure Web Service (IIS)

- This example of Auto upgrade server installation is based on Windows 2000 Server OS.
  - 1) At first, confirm that Web service is already running on target Windows Server.





• Run web browser to connect <u>http://localhost/localstart.asp</u>, if you saw the upper screen, web service could be being operated normally.

• When web service is not running on target server, confirm that the IIS service is running on the server shown as below.

🍇 Services						_ 🗆 🗡		
$ Action  \underline{V}_{iew}    \leftarrow \rightarrow   \implies \blacksquare  \blacksquare  \blacksquare  \blacksquare  \blacksquare  \blacksquare  \blacksquare  \blacksquare  \blacksquare  \blacksquare$								
Tree	Name 🛆	Description	Status	Startup Type	Log On As	<b></b>		
Services (Local)	Distributed Link Tra Distributed Transac DNS Client DNS Server Event Log Fax Service File Replication	Stores info Coordinate Resolves a Answers q Logs event Helps you Maintains fi Provides F	Started Started Started Started Started	Manual Automatic Automatic Automatic Automatic Manual Manual Automatic	LocalSystem LocalSystem LocalSystem LocalSystem LocalSystem LocalSystem LocalSystem LocalSystem			
	IS Admin Service Indexing Service Indexing Service Intel(R) NMS Internet Authentica Internet Connectio Intersite Messaging IPSEC Policy Agent Kerberos Key Distri License Logging Ser	Allows adm Intel(R) NI Enables au Provides n Allows sen Manages I Generates	Started Started Started Started Started	Automatic Manual Automatic Automatic Manual Disabled Automatic Disabled Automatic	LocalSystem LocalSystem LocalSystem LocalSystem LocalSystem LocalSystem LocalSystem LocalSystem	, 		

#### 2) Default directory of Web Server is "C:\Inetpub\wwwroot\".

- If you want to modify webserver default directory, you can modify it at internet information service(Start > Programs > Adminstrative Tools > Internet Information Services).
- Choose Properties to open pull down menu at Default Web Site.



• Set the path to modify Home Directory.

fault Web Site Properties	? ×
Directory Security   HTTP Headers   Custom Errors   Web Site   Operators   Performance   ISAPI Filters   Home Dire When connecting to this resource, the content should come from:	Server Extensions   ctory Documents
Logal Path:       e:\inetpub\wwwroot         Script source access       ✓ Log visits         ✓ Read       ✓ Index this resource         Write       Directory browsing         Application Settings	Br <u>o</u> wse
Application name: Default Application	R <u>e</u> move
Starting point:        Starting point:        Execute Permissions:     Scripts only       Application Protection:     Medium (Pooled)	Configuration
Application Protection: Medium (Pooled)	

### 5.2. Configure FTP Server (IIS)

- FTP server could be running well if you installed Windows2000 server.
- Generate new log-in account for FTP service.
  - To add a new user account, execute (Start > Programs > Administrative Tools > Computer Management).





2) Select System Tools > Local Users and Groups > Users to open pull down menu and select New User.

📮 Computer Management				
<u>A</u> ction <u>Vi</u> ew   ← →   <b>€ 1 1 1 1 1 1 1 1 1 1</b>				
Tree	Name	Full Name	Description	
Computer Management (Local)  System Tools  System Tools  System Tools  Performance Logs and Alerts  Shared Folders Device Manager Cocal Users and Groups  Storage Disk Mana Disk Defra Cogical Dri Disk Defra Cogical Dri Export List  Hereige Services and 4  Help	Administrator bhkim Guest IUSR_VPMS NetShowServ TsInternetUser	bhkim jschoi Internet Guest Account Launch IIS Process Account Windows Media services r root TsInternetUser	Built-in account for administering choi jin suk Built-in account for guest access Built-in account for anonymous a Built-in account for Internet Infor Windows Media services run undi- vpms FTP login This user account is used by Terr	
Creates a new Local User account				

3) Register new user.

New User		? ×
<u>U</u> ser name: <u>F</u> ull name:	root vpms ftp user	
Description:		
Password: Confirm password User must ch	t: ***** ange password at next logon	
User cannot o	change password	
Password nev Account is dis	ver expires sa <u>b</u> led	
	Cr <u>e</u> ate Cl <u>o</u>	se

4) Start FTP service (Start > Programs > Administrative Tools > Internet Information Services).



5) Select New > Site by clicking mouse right button at Default FTP Site.

ध Internet Informati	on Services			_ 🗆 ×
Action ⊻iew ←	• 🔿   🔁 🖪	🛛 🗙 📽 😰 🕻	₽   ₽   ₽   ▶ ■ ■	
Tree		Name	Path	Stat
Internet Information : 	Services Explore Open Browse Start Stop Pause	(PBSData	E:\Program Files\Phone Book Service\Data	
	<u>N</u> ew All Tasks	<ul> <li>Site</li> <li>Virtual Dire</li> </ul>	ectory	
	<u>V</u> iew Delete Refresh Export List P <u>r</u> operties	·		Þ
Create new site	<u>H</u> elp			

6) FTP Site Creation Wizard will pop-up. (next)



7) Set description. (next)

FTP Site Creation Wizard	×
FTP Site Description Describe the FTP site to help administrators identify it.	
Type a description of the FTP site. Description: auto upgrade server	
< <u>B</u> ack <u>N</u> ext > 0	ancel

8) Set auto upgrade server IP address and port(21). (next)

FTP Site Creation Wizard
IP Address and Port Settings You must specify an IP address and port setting for the FTP site.
Enter the IP address to use for this FTP site. IP address: 172.16.19.1 Type the TCP port for this FTP site (default = 21). ICP port: 21
< <u>B</u> ack <u>Next</u> Cancel

9) Set Home Directory as same as Web server's Home Directory.

FTP Site Creation Wizard	×
FTP Site Home Directory The home directory is the root of your FTP content subdirectories.	
Enter the path to your home directory.	
C:\Inetpub\www.root	Browse
< <u>B</u> ack <u>N</u> ext >	Cancel

10) Set access permission to allow read and write. (next)

FTP Site Creation Wizard			×
FTP Site Access Permissions What access permissions do you want to set fo	r the home o	lirectory?	
Allow the following:			
✓ <u>R</u> ead			
✓ Write			
Click Next to complete the wizard.			
	( <u>B</u> ack	<u>N</u> ext >	Cancel

11) Finish FTP site creation wizard. (Finish)



12) For download file by FTP, set access permission of Home Directory. Explore to Properties in Home directory.

🔍 www.root					_ 🗆 🗵
<u>Eile E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp					1
🖙 Back 🔹 🖘 🔹 🔞 Search 📴 Folders 🔇 📴 🕾	X ത∏				
Address E:\Inetpub\ww	1			•	(∂° Go
Folders	-	Name 🛆	Size	Туре	Mod
Explore		🙋 _vti_inf	2 KB	HTML Document	4/9/
🕒 😋 My Documents		🛃 help	1 KB	GIF Image	6/3/
Bearch		🗃 iisstart	2 KB	ASP auto file	6/3/
⊕ ⊕ 3½ Floppy (A:)		🙋 index	3 KB	HTML Document	4/22
$\oplus$ $\oplus$ EMS (C:)	cription.	🛋 localstart	8 KB	ASP auto file	9/22
🕀 🚇 Compact Disc (D Sharing		📓 mmc	1 KB	GIF Image	6/3/
Pres VPMS_ENG_Serv	-	🗒 packing	1 KB	LST File	4/1/
ASFRoot	_	📓 pagerror	3 KB	GIF Image	6/3/
🕀 🛄 Documents a 🛛 Send To	•	🛃 postinfo	3 KB	HTML Document	4/9/
🖻 🛄 Inetpub	-	📓 print	2 KB	GIF Image	6/3/
		📓 warning	2 KB	GIF Image	6/3/
ftproot	_	📓 web	2 KB	GIF Image	6/3/
🕀 🧰 iissample 🛛 Delete		📓 win2000	5 KB	GIF Image	6/3/
🗄 🗀 mailroot 🛛 Rena <u>m</u> e					
www.rool Propercies					
🕀 🦲 Installshield					
⊞ • 🛄 j2sdk1.4.0					
PDS					
🕀 🛄 Program Files					
🗄 🛄 share					
E Control Panel					
H In the second					
Internet Explorer					
		•			F
13 object(s) (Disk free space: 32.5 GB)			27.4 KB	📃 My Computer	1.

13) Add "root" user account in Properties Security tab.

wwwroot Properties		? ×
General Web Sharing Sharing Security		
Name Administrators (VPMS\Administrators) Everyone		Add <u>R</u> emove
Permissions:	Allow	Deny
Full Control Modify Read & Execute List Folder Contents Read Write		
Advanced	) propag	ate to this
OK Can	icel	Apply

AddPac

14) Add "root" user account and set permissions as below.

wwwroot Properties	? ×
General Web Sharing Sharing Security	
Name Mame Administrators (VPMS\Administrators) Everyone root (VPMS\root)	A <u>d</u> d <u>R</u> emove
Permissions: Allo	w Deny
Full Control       Image: Control         Modify       Image: Control         Read & Execute       Image: Contents         List Folder Contents       Image: Contents         Read       Image: Contents         Write       Image: Contents	
Ad <u>v</u> anced Allow in <u>h</u> eritable permissions from parent to prop	pagate to this
OK Cancel	Apply

15) If the configuration is completed, you can test ftp connection and file transfer with root account.