# DT Research

# WCM 6.0 Pro MS/SP Software Recovery Installation Guide

Once the OS is restored or re-imaged successfully on the system, please follow below installation guide to complete all the software application installation steps on the system.

Note: If you do not need to install WCM and WDM Server on your system but WCM Player only, please ignore Step 2, 3, and 5.

- Please install below software from WCM System Recovery DVD C\_MS\_SP
- Applicable Hardware Models: MS400LC/MS600/MS1600/MS1600X/MS2800X/SP1350/SP1360

# Step1: Software Installations

- 1. Login by <u>Administrator</u> account.
- 2. Install WCM6.0 player from #1 folder in the Software DVD for System Recovery (called **DVD D** in this document). No need to reboot OS after installation.

# Step2: Server Software Installations

- 1. Install WDM2.2 patch1 server from #2 folder in DVD C. No need to reboot OS after installation.
  - Input the WDM Server Installation Key: (Please visit our support page to request.)

🕞 WebDT Device Manager 2.2 Setup	
Enter Serial Number	WebDT Device Manager
Serial Number:	
Nullsoft Install System v2,46,2-Unicode ——	< Back Next > Cancel

Uncheck "Enable DHCP server"

😽 WebDT Device Manager 2.2 Setup	
<b>Configure tftp</b> You have chosen to configure tftp	WebDT Device Manager
Enable DHCP Server	
IP pool starting address:	
Size of the pool:	
Mask:	
TFTP IP: 127.0.0.1	
Nullsoft Install System v2,46,2-Unicode	< Back Next > Cancel

- 2. Change WDM2.2 web server port from 80 to 81 by the configuration tool
  - a. The configuration tool will **auto launch** after WDM2.2 server installed. If you don't see the dialog or already close it, launch it again from

Start > All Programs > DT Research > WebDT Device Manager 2.2 > Tool > Configuration tool

💓 Windows DVD Maker 📃	
😰 Windows Media Center	
🖸 Windows Media Player	
🚰 Windows Update	0 drainictrator
🛹 XPS Viewer	Auministrator
Accessories	Documents
🍑 AVerMedia	Documento
길 Catalyst Pro Control Center	Pictures
DT Research	
WebDT Device Manager 2.2	Music
🥃 Start.html	
🕞 Uninstall WebDT Device Manager	Computer
🍌 PostgreSQL	
i Tool	Control Panel
Collect log	
Configuration tool	Devices and Printers
PXE Server(TFTPDHCP)	
VNC Service	Default Programs
📕 Web Service	
📙 Games 📃	Help and Support
<ul> <li>● Back</li> </ul>	
Search programs and files	Shut down



b. Select "General" tab in WDM HTTP Server, change the Web Server Port from 80 to 81, click Save, then Exit the configuration tool.

A WDM Configuration Tool 2.2.0.1.132051			
Items		General SSL Connection Others Web Server Port 81	
WDM HTTP Server	~	File Root Path C:WVDM2.2tifiles Bro	wse
		TFTP Server Root Path C:\Program Files\DT Research\WebDT Device Manager\Tool\tftp Bro	wse
Database	*		
VNC Reneater			
VICTOPOLICI	~		
		Save Cancel	Exit

- Manually change Tftpd32 service as shown in below image:
- 1). Right click "My Computer" to show the context menu, select and click "Manage".
- 2). Go to "Service", select "Tftpd32 service edition", then double click to launch the Tftp32 service edition Properties window, stop this service
- 3). Make sure the StartUp Type is "Manual", then press **Apply** and **OK** to complete the settings.

😓 Computer Management				
File Action View Help				
🗢 🔿 🖄 📅 🖬 🖬 😣 👔				
Computer Management (Local)	Q Services	Actions		
🖃 🎁 System Tools		Services 🔺		
Task Scheduler	Tftpd32 service edition	Name A Description Status Startup Type L More Actions		
	Start the service	Simple ICP/IP Services Supports t Started Automatic L		
E 🖉 Local Users and Groups		Smart Card Removal Tftpd32 service edition Properties (Local Computer)		
Performance     A Device Mapager	Description:	SNMP Service		
E Storage	Tftpd32 operates a TFTP server	SNMP Trap		
Services and Applications		Software Protection Service name: Tftpd32_svc		
WMI Control		Superfetch Display name: Tftpd32 service edition		
a?		System Event Notific		
Paint Paint		G Tablet PC Input Ser Description: InputSe Specificor of HTH Control I		
🧑 Media Center		C TCP/IP NetRIOS Helper		
- model contor		Telephony     C:\Program Files\DT Research\WebDT Device Manager\Tool\ttp\ttpd32		
Kicky Notes	Administrator 2	C Tftpd32 service edition		
	Documents	G These Ordering Ser		
💥 Snipping Tool	Documento	TPM Base Services     Help me configure service startup options.		
	Pictures	G UPnP Device Host		
Calculator	Munia	User Profile Service Service status: Stopped		
🤍 Collect Log	music	Witual Disk Start Stop Pause Resume		
	Games	WebClient     You can specify the start parameters that apply when you start the service		
		Service from here.		
	Computer	C WehDT CA Watchdog Start parameters:		
	Manage	e Mana		
	Map net	work drive		
	Devices and Pr Disconne	ect network drive		
	Default Program Show on	Desktop kup Provides W Manual L		
	Rename	petric 5 The Windo Manual L		
· All Programs	Help and Support Propertie			
Search programs and files	Shut down 🕨			



4). To remove the Tftpd32 error message, click **Start** > run: msconfig, select StartUp tab and uncheck the Tftp32 item, then click OK.

actively	refused it.)	on could be made	because the target in	achine
				ОК
stem Configurat	ion			
eral Boot Ser	vices Startup To	pols		
artup Item	Manufacturer	Command	Location	Date Disabled
Google Update   WDMEdgeSe   Java(TM) Pl   tftpd32_gui	Google Inc. Unknown Sun Microsyste Ph. Jounin	"C:\Users\Admi "D:\Program Fil "C:\Program Fil "d:\Program Fil	HKCUISOFTWAREL HKLMISOFTWAREL HKLMISOFTWAREL HKLMISOFTWAREL	7/26/2013 10:
			Enable all	Dicable all

3. Install WCM6.0 server from #3 folder in DVD C -

Launch the WCM\_Deluxe\_6.0 x64 file, input the Product Key pasted outside of the WCM Server Installer DVD case.

4. Select Quick Setup to install. Click Next buttons directly in each UI till the end of installation.

WebDT Content Manager 6.0 Setup         Select installing mode         Choose the setup type that best suits your needs.				
Quick Setup Most of the information will be assigned with default values. (Recommended)				
C Customized Setup Let user select the component and input the information.				
Install WebDT Content Manager 6.0 to: C:\Program Files\DT Research\WebDT Content Manager\ Change				
Nullsoft Install System v2.46.2-Unicode       < Back				

Note: If the Secondary logon is not enabled by default, Please select "Yes" to enable it automatically.





5. Press Install to start the WCM Server installation

😽 WebDT Content Manager 6.0 Setup	
<b>Ready to Install the Program</b> The wizard is ready to begin installation.	WebDT Content Manager
Click Install to begin the installation. If you want to review or change any of your in exit the wizard, Click list box to get installation	stallation settings, click Back. Click Cancel to information
Install Components: Database server Content server Publish server Install Path: C:\Program Files\DT Research\WebDT Cont Share Folder: C:\WCMData\Library\ Database Server Port: 5433 Database Superuser Name: dbadmin Database Superuser Password: 12345 Data directory: C:\WCMData\DBData\	ent Manager\
Nullsoft Install System v2,46,2-Unicode	< Back Install Cancel

# Step3: Install Browser

Install Chrome Browser from #5 folder in DVD C to operate WCM6.0 Pro server UI:

- a. Run "25.0.1364.172\_chrome\_installer.exe" to install Chrome version 25.0.
- b. Run "DisableChromeUpdate.reg" to disable Chrome auto update.

# Step4: Adjust System Default Settings (No need for OS built after 2013/8/20)

- 1. Manually Disable Windows Update:
- a. Go to Control Panel > System and Security > Windows Update
- b. Go to "Change settings"
- c. Switch to "Never check for update" then click OK.



Change settings	
G → 🖑 • System and Security • Windows Update • Change settings • 🚱 Search Control Panel	2
Choose how Windows can install updates When your computer is online, Windows can automatically check for important updates and install them using these	
settings. When new updates are available, you can also install them before shutting down the computer. How does automatic updating help me?	
Important updates	_
Who can install updates	_
Note: Windows Update might update itself automatically first when checking for other updates. Read our <u>privacy</u> statement online.	
OK Cancel	l

2. Reboot the system

# Step5: System Verification Steps

After rebooting the system, you should check if all the above applications work;

1. WCM6.0 Player:

It will auto start and display the Player Registration dialog; login by default account to see if the registration process can be done successfully.

Organization Name: my site

Access Password: 123456

Publish Server URL: http://127.0.0.1/publish (the local WCM6.0 server)

		_
-	Wab	DT
Language:	English 🔻	
*Player Name:	DTR-PC	1
Group Name:		
"Organization Name:	my site	Ø
*Access Password:		C
*Publish Server URL:	http://127.0.0.1/publish	Ø
Description:		

Press Ctrl+Shift+Space to exit the player.



2. Check if the Server services in system service panel are auto started.

Γ	C WebClook	Enables Wi		Manual	Local Service
L	🔍 WebDT CA Service		Started	Automatic	Local System
L	🔍 WebDT CA Watchdog		Started	Automatic	Local System
l	🤐 WebDT Content Manager PostgreSQL Database Server 9.1		Started	Automatic	Local System
L	🤹 WebDT Content Manager WebServer	Apache To	Started	Automatic	Local System
L	🔍 WebDT Device Manager VNC Reapter Service		Started	Automatic	Local System
L	🔍 WebDT Device Manager WebServer	Apache To	Started	Automatic	Local System
L	WebDT_Device_Manager_PostgreSQL_Server - PostgreSQL Server 9.0		Started	Automatic	.\postgres
l	Windows Audio	Manages a	Started	Automatic	Local Service

3. Check WCM6.0 server: Launch the browser and see if the login process will be successful: Enter http://127.0.0.1/index.jsp by default account:

userid: manager password: 123456 organization: my site

4. Check WDM2.2 Server: Login http://127.0.0.1:81 by default account to see if the login process will be successful:

Account: admin Password: 123456 It should login successfully;

5. Check Client Agent 2.2: Click the desktop tool bar at right bottom corner to find the CA icon, click to select **Registration**. The displayed Status should be **Connected** as shown in below image

	Register X
Registration Update Firmware	
About Exit	CA Name: WIN-MA3PPTM6OLQ
	Status: Connected
	Use Autodect to Connect to Server
(11/2013 =	*Device Server URL:
	http://127.0.0.1}81
♣ 📳 (b) 7:54 AM 7/11/2013 =	Advanced Register Cancel



6. Click Device Information to view the device detailed information and check if the information

matches with the HW.

🔁 Device Information	× ×
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- A	
Device Information Item	Device Information Value
Client Agent Name	138I3-PC
Client Agent Version	2.2.0.2.133113
OS Type	Windows 7
BIOS Version	138IB_0.00.05
With Restore Partition	NO
Serial Number	
System GUID	BD-D2-E6-50-00-10
ECN Number	0000000-0000000-00000011
Model Name	DT138IB
Board Version	IB138 V1.0
NVRAM Version	0.4
NVRAM Content	38011000524944540000BDD2E650001044545249380110000000000000000000000000000000000
Wake On Lan	YES
RTC	NO
CPU	Intel(R) Core(TM) i3-2350M CPU @ 2.30GHz 2.29 GHz
Graphics Adapter	Intel(R) HD Graphics 3000
Graphics Driver	9.17.10.3062
Sound Adapter	Realtek High Definition Audio
Screen Resolution	1920 X 1200
RAM Size	3.90 GB
OEM Information	ModelX_MUIW_130711_WCMP_6.0_137101
Write Filter	
Remote Control	NO
Disk Index	Disk0
Disk Type	SATA
Disk Total Size	29.82 GB
Disc C(Free/Total)	4.29 GB/29.59 GB
Disc D(Free/Total)	18.96 MB/32.00 MB
Ethernet Adapter	Realtek PCIe GBE Family Controller
Ethernet IP	10.10.8.57
Ethernet MAC	44-8E-12-00-EE-F6
Ethernet Adapter	Realtek PCIe GBE Family Controller #2
Ethernet IP	0.0.0
Ethernet MAC	44-8E-12-00-ED-FC
WIFI Adapter	Intel(R) Centrino(R) Advanced-N 6205
WIFI IP	0.0.0.0
WIFI MAC	8C-70-5A-36-C2-3A
3G Adapter	
3G IP	
3G MAC	
RFID Version	
MSR Version	
Scanner Version	
Touch Version	
Internal Battery Information	
External Battery Information	
Bluetooth Version	
PE Version	