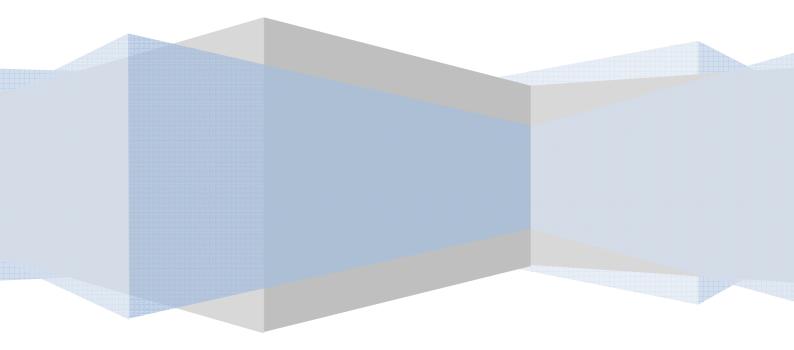
Rev 1.0

# **Class Demo Manager**

## **User Manual**

Naoyuki Aoi (Japan Overseas Cooperation Volunteer)



## Contents

1.	Overview	3
	1-1. Specification Requirement	3
	1-2. How does this application work	3
2.	Installation	5
	2-1. Turn Windows IIS feature on	6
	2-2. Set Network configuration	8
	2-3. Install Class Demo Manager1	1
	2-3-1. Install Class Demo Manager1	1
	2-3-2. Class Demo Manager Setting1	5
	2-4. Set Task Scheduler	6
	2-5. Add Windows Firewall rule2	5
3.	Class Demo Manager Function3	1
	3-1. Manager mode3	1
	3-1-1. Start manager mode3	1
	3-1-2. Setting information3	3
	3-2. Client mode	7
	3-3. ProcessCheck.exe	8

## 1. Overview

Class Demo Manager application helps you demonstrate how to do in your computer room. This application has 3 ways of demonstration, which are full-screen mode, transparent-screen mode and movable-screen mode. Full-screen mode provide manager's screen to clients' monitor then clients can't use other applications. Transparent-screen mode provide manager's screen to clients' monitor in a small window which is displayed as transparent. Clients can use other applications while demonstrating but manager's screen is always located on top most. Movable-screen mode provide manager's screen to clients' monitor in a movable window. Clients can move and resize the window.

## **1-1. Specification Requirement**

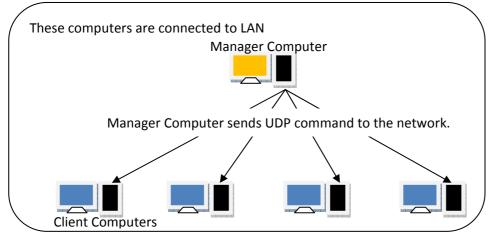
This application requires these items such as below.

OS:	Windows 7 or later
Software:	Microsoft .NET Framework 4.0 or later
	IIS(Internet Information Services) 7.5 or later
Network:	LAN environment

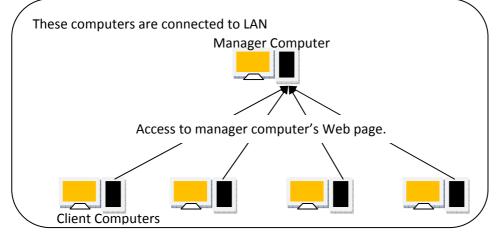
The application can works on thin-clients system such as N-Computing environment.

## 1-2.How does this application work

This application is based on network protocol and Manager Computer work as a Web server. First, manager sends command to the network.



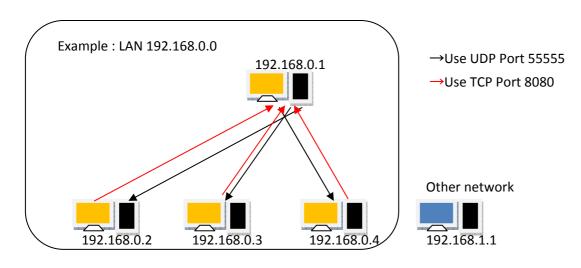
After clients receive command, clients access to manager computer. The application displays manager's screen as a web page.



Fxample	•	This	is	application	'c	setting window.
Example	٠	11112	12	application	S	setting window.

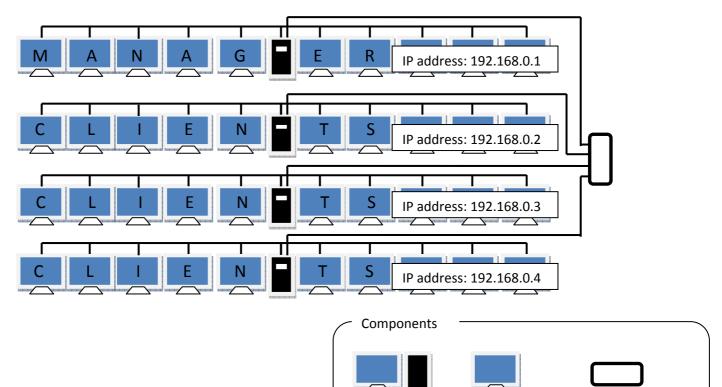
Full Screen Demo	Transpa	arent 50 🚖 Demo	Movable Screen Demo	
Stop Demo			Shutdown	
Setting				
Display Address	nttp://192.168.0.1 8080			
Web Using Port No.	8080 🚖 (No.	1024-65524)	Create Manager S	ite
Manager Using UDP	Port No.	55555	(No. 50000-655	524)
Destination UDP Por	t No. (Manager -> Client)	55556	- 55566	(.e.) (
	T	nis parameter is	automatic. You can't ch	ange.
	192 168 0 255			

These settings suit for configuration below.



## 2. Installation

This application needs some features. So follow these steps which are required. This installation supposes a configuration such as below.



Server

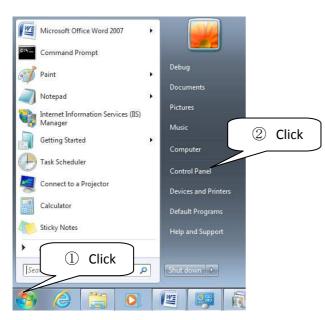
#### Example configuration(Thin-Clients system which contains 4 servers and 36 clients)

Thin Client Router/ Switching hub

### 2-1. Turn Windows IIS feature on

This feature is required for manager computer only.

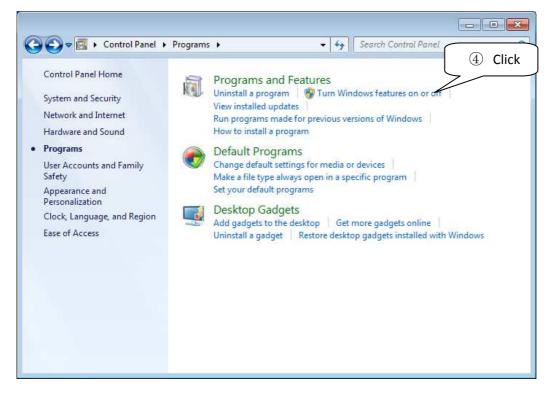
- ① Click [Windows start menu].
- ② Click [Control Panel].



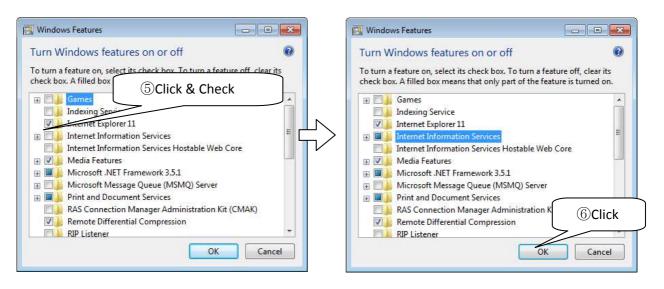
③ Click [Program].



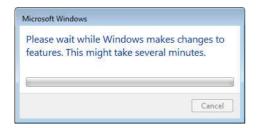
④ Click [Turn Windows features on or off].



- 5 Click & Check [Internet Information Services].
- ⑥ Click [OK].



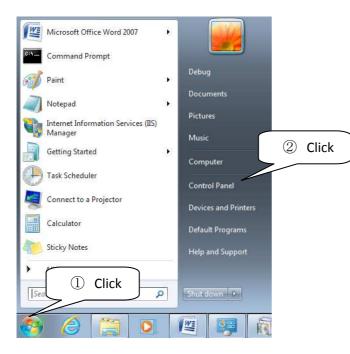
⑦ Wait for several minutes. After the below window disappears, IIS feature is ready. If computer shows restarting message, please restart computer.



### 2-2. Set Network configuration

This setup is required for manager and all clients' servers.

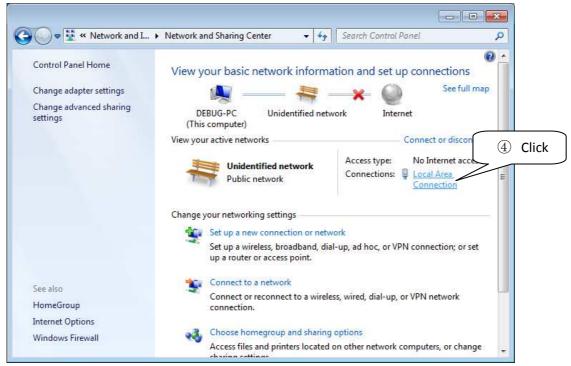
- ① Click [Windows start menu].
- ② Click [Control Panel].



③ Click [View network status and tasks].



④ Click [Local Area Connection].



⑤ Click [Properties].

eneral		
Connection		
IPv4 Connecti	vity:	No Internet access
IPv6 Connecti	vity:	No Internet access
Media State:		Enabled
Duration:		00:24:15
Speed:		1.0 Gbps
Activity		
Activity ———	Seet	Received
Activity	Sent —	Received
Activity	Sent —	Received

- 6 Select [Internet Protocol Version 4 (TCP/IPv4)].
- ⑦ Click [Properties].

letworking	Networking
Connect using:	Connect using:
Intel(R) PRO/1000 MT Desktop Adapter	Intel(R) PRO/1000 MT Desktop Adapter
Configure	Configure
(6) Select Internet Protocol Version 6 (TCP/IPv6)     ▲ Internet Protocol Version 4 (TCP/IPv4)     ▲ Link-Layer Topology Discovery Mapper I/O Driver	
Link-Layer Topology Discovery Responder	Link-Layer Topology Discovery Responder
Link-Layer Topology Discovery Responder      Install      Properties	Link-Layer Topology Discovery Responder
	Link-Layer Topology Discovery Responder

 $\circledast$  Select [Use the following IP address].

Server for Clients:

(9) Input your network configuration parameter.

ex. Server for Manager : 192.168.0.1

192.168.0.2  $\sim$ 192.168.0.4

(Subnet mask : 255.255.255.0) (Subnet mask : 255.255.255.0)

You can get IP settings assigned this cap for the 8Select	automatically if your network supports d to ask your network administrator		automatically if your network supports ed to ask your network administrator
Obtain TP address autom		Obtain an IP address autom	9 IN
Use the following IP addres	s:	Use the following IP address	
IP address:	*: * *	IP address:	192 , 168 , 0 , 1
Sybnet mask:	+) (* (*	Subnet mask:	255 . 255 . 255 . 0
Default gateway:	a. a. a.	Default gateway:	1 1 1 1 1
Obtain DNS server address	automatically	Obtain DNS server address a	automatically
O Use the following DNS serve	er addresses:	• Use the following DNS serve	r addresses:
Preferred DNS server:		Preferred DNS server:	
Alternate DNS server:	10 A A	Alternate DNS server:	0 0 0
Validate settings upon exit	Ad <u>v</u> anced	🕅 Validate settings upon exit	Advanced

#### ① Close all windows.

General		operties	
this capability. Otherwise, you r for the appropriate IP settings.			
Obtain an IP address auto		T Desktop Adapter	
Oge the following IP addre	ss:	Configure	
IP address:	192 , 168 . 0 . 1	owing items:	
Subnet mask:	255 .255 .255 . 0	Networks	No network access
Default gateway:	2 14 14	uler ring for Microsoft Networks	No network access Enabled
Obtain DNS server address	s automatically	arsion 6 (TCP/IPv6) arsion 4 (TCP/IPv4)	02:22:40 1.0 Gbps
Use the following DNS serv	ver addresses:	y Discovery Mapper I/O Driver	1.0 3005
Preferred DNS server:		y Discovery Responder	
Alternate DNS server:	Clic	Uninstall Properties	
🕅 Vaļidate settings upon exi			Beceived
	6		
	OK Cance		Cli
		Close Cancel	Diagnose

## 2-3. Install Class Demo Manager

#### 2-3-1. Install Class Demo Manager

This setup is required for manager and all clients' servers.

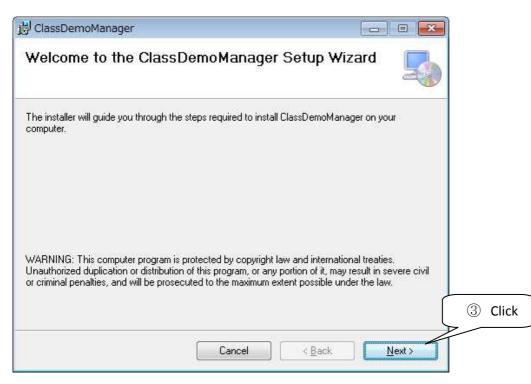
① Double click on Setup.msi(Class Demo Manager Installer)



② Wait for a moment.

Windows Installer	
Preparing to install	
	Cancel

#### ③ Click [Next >].



④ Select installation folder.

If you don't change folder, skip this step.

- 5 Select [Everyone].
- ⑥ Click [Next >].

닝 ClassDemoManager	
Select Installation Folder	
The installer will install ClassDemoManager to the following folder. To install in this folder, click "Next". To install to a different folder,	enter it below or click "Browse"
Eolder:	④Select Folder
C¥Program Files¥AOISoft¥ClassDemoManager¥	Browsen Disk Cost this computer:
Cancel	< Back Next >

## $\bigcirc$ Click [Next >].

ClassDemoManager		
Confirm Installation		
The installer is ready to install ClassDemoManager on yo	ur computer.	
Click "Next" to start the installation.		
		⑦Click
		$\sim$
Cancel	< <u>B</u> ack	<u>N</u> ext >

⑧ Wait for a moment.

炭 ClassDemoManager	
Installing ClassDemoManager	
ClassDemoManager is being installed. Please wait	
Cancel	< Back Next >

## (9) Click [Yes].

😗 Use	r Account Control	×
٢		to allow the following program from an plisher to make changes to this computer?
	Program name: Publisher: File origin:	C:\Users\Debug\Desktop\Setup.msi Unknown Hard drive on this computer 9 Click
🕑 s	how details	Yes No
		Change when these notifications appear

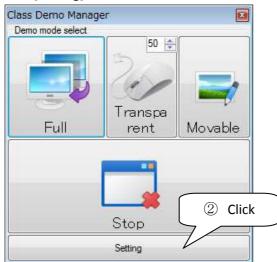
## ① Click [Close].

ClassDemoManager			
Installation Complete			
ClassDemoManager has been succes	sfully installed.		
Click "Close" to exit.			
Please use Windows Update to check	for any critical updates	to the .NET Frame	work. 10 Clic
Please use Windows Update to check	( for any critical updates	to the .NET Frame	work. 10 Clic

#### 2-3-2. Class Demo Manager Setting

This setup is required for manager and all clients' servers.

- 1 Start application as administrator. See 3-1-1. How to start as administrator.
- ② Click [Setting].



- 3 Configure for Setting
  - Display Address
  - Web Using Port No.
  - BroadCast Address

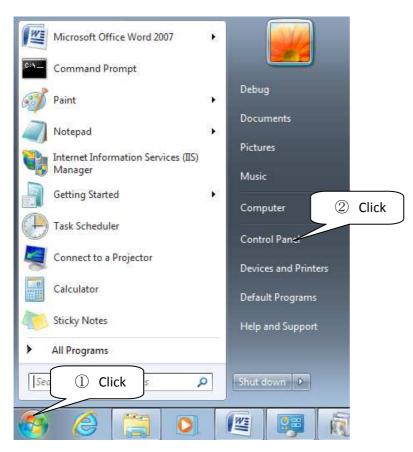
tting Command		
Full Screen Demo	Trans Scree	nsparent 50 🖨
Stop Demo		1. Set Manager address and Port No.
Setting	_	
Display Address http:// Web Using Port No. 808	192,168.0.1:8080 30 <u>🚖 (N</u>	2. Set Port No.
Manager Using UDP Port I	No.	55555 (No. 50000-65524)
Destination UDP Port No. (	(Manager -> Client)	3. Set LAN's broadcast address.
BroadCast Address 192	2.168.0.255	4. Click OK Cancel

## 2-4. Set Task Scheduler

This setup is required for all clients' computers. (Thin clients system's manager computer, which is contained clients, is also required.)

When clients log on, the application needs starting automatically. So you create scheduled task.

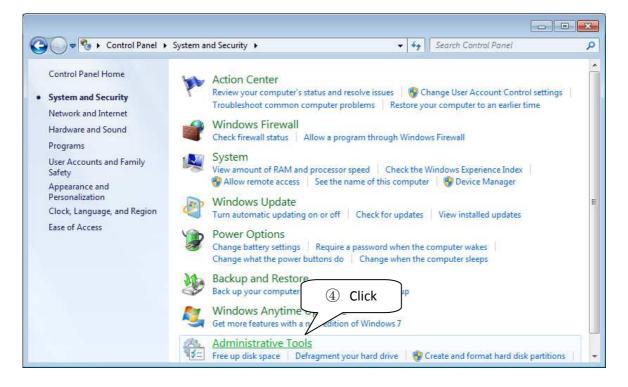
- ① Click [Windows start menu].
- ② Click [Control Panel].



#### ③ Click [System and Security].



#### ④ Click [Administrative Tools].



5 Double click [Task Scheduler].

rganize 🔻		
Favorites Favorites Favorites Computer	<ul> <li>Component Services</li> <li>Data Sources (ODBC)</li> <li>Internet Information Services (IIS) M</li> <li>Local Security Policy</li> <li>Print Management</li> <li>System Configuration</li> <li>Windows Firewall with Advanced Se</li> <li>Windows PowerShell Modules</li> </ul>	Computer Management Event Viewer Si SCSI Initiator Performance M Services Task Scheduler Windows Memory D Schedule computer tasks

#### Create Task

6 Select [Action] menu, then Click [Create Task].

Task Scheduler     File Action View Help     Connect to Another	7	:k	
Ta Create Basic Task		ary (Last refreshed: 2016/07/14 12:51:21)	Actions
De 🛃 Create Task	-		Task Scheduler (Local)
Import Task Display All Running Enable All Tasks Hi AT Service Accoun Refresh Help	story t Configuration Status of task	heduler  e Task Scheduler to create and manage common our computer will carry out automatically at the specify. To begin, click a command in the Action tored in folders in the Task Scheduler Library. To form an oneration on an individual tack select the s that have started in the follo Last 24 hours  votal - 0 running, 0 succeeded, 0 stopped, 0 failed	Connect to Another Co Create Basic Task Create Task Create Task Import Task Display All Running Tasks Enable All Tasks History AT Service Account Co View Refresh Help
	Task Name	Run Result Run Start Ru	• • • • • • • • • • • • • • • • • • •

- ⑦ Input task [Name].
- ⑧ Click [Change User or Group].

General Trig	gers Actions Condition
Na <u>m</u> e:	ClassDemoManager
Location:	X .
Author:	Debug-PC\Debug
Description:	
Security opt When runn Debug-PC	ing the task, use the following user account:
1. See . S	y when user is logged on
🔘 Run <u>w</u> h	ether user is logged on or not
📃 Do r	not store <u>password</u> . The task will only have access to local computer resources.
📃 Run w <u>i</u> t	h highest privileges
📃 Hidd <u>e</u> n	Configure for: Windows Vista™, Windows Server™ 2008 ▼

(9) Click [Advanced].

Select this object type:	
User, Group, or Built-in security principal	Object Types
rom this location:	
DEBUG-PC	Locations
	Loodiono
inter the object name to select ( <u>examples</u> ):	Check Names
inter the object name to select ( <u>examples</u> ):	

#### 10 Click [Find Now].

elect this object type:	
User, Group, or Built in security principal	Object Types
rom this location:	
DEBUG-PC	10Click
Common Queries	
Name: Starts with 👻	Columns
	Find Now
Description: Starts with 💌	
Disa <u>b</u> led accounts	Stop
Non expiring password	
Days since last logon:	<del>-</del>
Search res <u>u</u> lts:	OK Cancel
lame (RDN) In Folder	

- 1 Select client user. Example : STUDENT01
- 12 Click [OK].

elect User or Gr	roup		? <b>X</b>
Select this object	t type:		
User, Group, or	Built-in security prir	ncipal	Object Types
From this location	n:		
DEBUG-PC			Locations
Common Queri	es		
N <u>a</u> me:	Starts with 👻		Columns
Description:	Starts with *		Find Now
Disabled a	accounts		Stop
	ng password		
Days since la	st logon:	Ŧ	12 Click
Search res <u>u</u> lts:			OK Cancel
lame (RDN)	In Folder		•
Performance . Performance . Power Users Remote Desk Replicator STUDENT01	DEBUG P DEBUG DEBUG DEBUG-PC DEBUG-PC	①Select client user	
SYSTEM Test Users	DEBUG-PC DEBUG-PC		E .

(1) Click [OK].

Select User or Group	? <b>.</b>
Select this object type:	
User, Group, or Built-in security principal	Object Types
From this location:	
DEBUG-PC	Locations
Enter the object name to select (examples):	
DEBUG-PC¥STUDENT01	(13) Click
Advanced	OK Cancel

- Check [Run with highest privileges].The application needs some highest privileges.
- 15 Select suitable configure of your environment.

General	Triggers	Actions	Conditions	Settings	
Na <u>m</u> e:	Cla	ssDemoMa	anager		
Location	n: N				
Author:	De	bug-PC\De	bug		
Descript	ion:	10287	22		
Securit	y <mark>opt</mark> ions				
When	running t	he task, us	e the followir	ng user account:	
DEBUG	5-PC\STU	DENT01			Change <u>U</u> ser or Group
	only wh	en user is lo	ogged on		
O Ru	Check	log	ged on or no	t	
r			ord. The task	will only have access to local compo	
r	Do not st	ore passwo			
		hest privile			15 Select
	n w <u>i</u> th hig		ges	dows® 7, Windows Server™ 2008 R2	(15) Select

#### (6) Select [Triggers] Tab.

		16 Select	
Vhen you create a task, you can specify the conditions that will trigger the task.	reate Task	7	
Vhen you create a task, you can specify the conditions that will trigger the task.	neral Trigge	Actions Conditions Settings	
Trigger Details Status		5.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	ill trigger the task.
Ingger Details Status	-		
	Ingger	Details	Status
① Click		1) Click	
① Click		1 Click	
① Click		17 Click	
17 Click		1 Click	
Image: Click       New     Edit	$\sum$		
	$\sum$		

- 18 Bigin the task : Select [At log on].
- ① Select [Specific User].
- 2 Click [OK].

ew Trigger					5	18 Selec		
Begin the task:	At log o	n			4		ſ	20 Click
Settings								follow (9)~
🔘 An <u>y</u> user							C	7
Specific u	iser:	D	EBUG-PC\ST	JDENT01		Cha	ange <u>U</u> ser <i>L</i>	
T (I	9 Selec	t	]					
			J					
Advanced sett	ings							
		15 minu	tes 👻					
🔲 Delay tas <u>k</u>	for:		tes v		for a duration of	- 1 dav		
📄 Delay tas <u>k</u> 📄 Re <u>p</u> eat tas	for: ik every:	1 hour	•	tition du	for a duration of	: 1 day	*	
<ul> <li>Delay task</li> <li>Repeat tas</li> <li>Stop</li> </ul>	for: ik every: all runnin	1 hour g tasks a	• t end of repe		ration	1 day	*	
Delay task Repeat tas Stop Stop task i	for: ik every: all runnin if it runs <u>l</u> o	1 hour 19 tasks a nger tha	• t end of repe n: 3 days		ration			
<ul> <li>Delay task</li> <li>Repeat tas</li> <li>Stop</li> <li>Stop task i</li> <li>Activate:</li> </ul>	for: ik every: all runnin if it runs <u>l</u> o 2016/07/1	1 hour og tasks a nger tha 4 🔲 🖛	• • • • • • • • • • • • • • • • • • •	*	ation ] Synchronig	e across tim	e zones	
<ul> <li>Delay task</li> <li>Regeat tas</li> <li>Stop</li> <li>Stop task i</li> <li>Activate:</li> <li>Expire:</li> </ul>	for: ik every: all runnin if it runs <u>l</u> o	1 hour og tasks a nger tha 4 🔲 🖛	• • • • • • • • • • • • • • • • • • •		ration	e across tim		:k
Repeat tas Stop Stop task i Activate:	for: ik every: all runnin if it runs <u>l</u> o 2016/07/1	1 hour og tasks a nger tha 4 🔲 🖛	• • • • • • • • • • • • • • • • • • •	*	ation ] Synchronig	e across tim	e zones	:k

2 Select [Action] Tab.

## 3 Click [New].

) Create Task	22 Click	<b>•</b> ×
	s Actions Conditions Settings te a task, you must specify the action that will oc	cur when your task starts.
Action	Details	
23 ( New	<u>E</u> dit	
		OK Cancel

- Action: Select [Start a program].
- <sup>(2)</sup> Click [Browse], then select the application.

":\Program Files\AOISoft\ClassDemoManager\ClassDemoManager.exe "

Input [Add arguments] field.

The application switches using UDP port by this value. So you input 1 $\sim$ 11 user individually. %This field is necessary for thin-client system only.

Input [Start in].

The application uses this field value for starting related program "ProcessCheck.exe" .

C:\Program Files\AOISoft\ClassDemoManager\

28 Click [OK].

ew Actio	n	
You mus	st specify what action this task	will perform. 29 Select [Start pa program]
Act <u>i</u> on:	Start a program	
Settings <u>P</u> rogram/script:		2 Click and select program
<u>A</u> dd a	ogram Files\AOISoft\ClassDer rguments (optional): n (optional):	moManager\ClassDer Browse
		<ul> <li>Input program folder path.</li> <li>C:\Program Files\Kigezi College Butobere\</li> </ul>
		28 Click
		OK Cancel

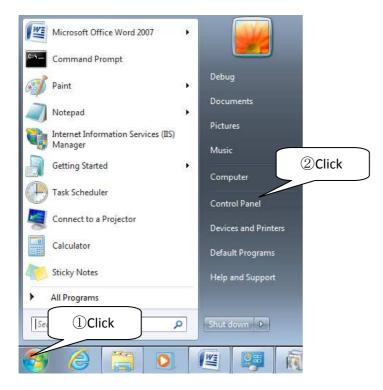
2 Repeat step  $6 \sim 2$  user individually.

## 2-5. Add Windows Firewall rule

This setup is required for manager only.

①Click [Windows start menu].

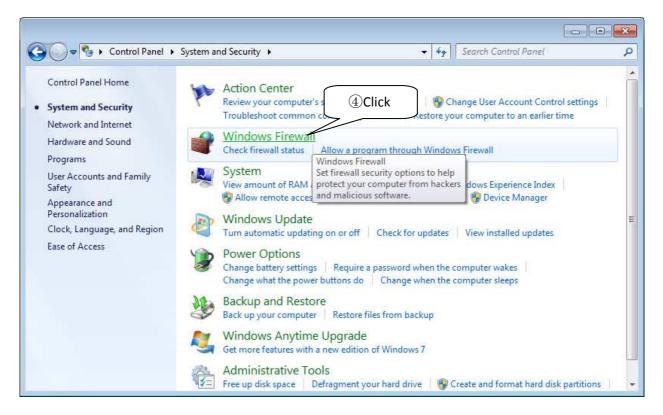
②Click [Control Panel].



③Click [System and Security].



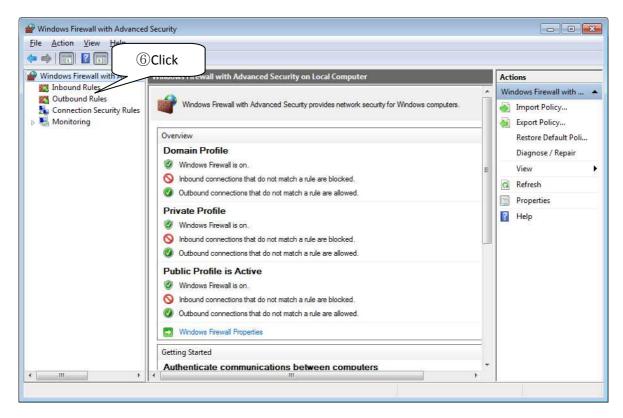
#### ④Click [Windows Firewall].



#### ⑤Click [Advanced settings].

🚱 🔵 🗢 🔐 🕨 Control Panel 🕨	System and Security    Windows Firewall	
Control Panel Home Allow a program or feature through Windows Firewall Change notification settings Turn Windows Firewall Turn Windows Firewall Change notification settings Turn Windows Firewall Change notification settings Clines Advanced settings Troubleshoot my network	through the Internet or a network. How does a firewall help protect my computer?	icious software from gaining access to your computer orks Not Connected Connected
See also Action Center	Windows Firewall state: Incoming connections: Active public networks: Notification state:	On Block all connections to programs that are not on the list of allowed programs Unidentified network Notify me when Windows Firewall blocks a new program
Network and Sharing Center		

6 Click [Inbound Rules].



#### ⑦Click [New Rule].

e <u>A</u> ction <u>V</u> iew <u>H</u> elp					7)0	Click
Windows Firewall with Advance	Inbound Rules					Action
Inbound Rules Outbound Rules	Name	Group	Profile	Enabled	•	Inbound Ru
Connection Security Rules	BranchCache Content Retrieval (HTTP-In)	BranchCache - Content Retr	All	No		Rule
Monitoring	BranchCache Hosted Cache Server (HTT	BranchCache - Hosted Cach	All	No		Filter by Profile
Monitoring	BranchCache Peer Discovery (WSD-In)	BranchCache - Peer Discove	All	No		A CONTRACTOR OF CONTRACT
	Connect to a Network Projector (TCP-In)	Connect to a Network Proje	Private	No	H	Filter by State
	Connect to a Network Projector (TCP-In)	Connect to a Network Proje	Domain	No		Y Filter by Group
	Connect to a Network Projector (WSD Ev	Connect to a Network Proje	Domain	No		View
	Connect to a Network Projector (WSD Ev	Connect to a Network Proje	Private	No		
	Connect to a Network Projector (WSD Ev	Connect to a Network Proje	Domain	No		Refresh
	Connect to a Network Projector (WSD Ev	Connect to a Network Proje	Private	No		📑 Export List
	Connect to a Network Projector (WSD-In)	Connect to a Network Proje	All	No		R Help
	Ore Networking - Destination Unreacha	Core Networking	All	Yes		
	Ore Networking - Destination Unreacha	Core Networking	All	Yes		
	🞯 Core Networking - Dynamic Host Config	Core Networking	All	Yes		
	Ore Networking - Dynamic Host Config	Core Networking	All	Yes		
	🐼 Core Networking - Internet Group Mana	Core Networking	All	Yes		
	Ore Networking - IPHTTPS (TCP-In)	Core Networking	All	Yes		
	🕖 Core Networking - IPv6 (IPv6-In)	Core Networking	All	Yes		
	Ore Networking - Multicast Listener Do	Core Networking	All	Yes		
	🞯 Core Networking - Multicast Listener Qu	Core Networking	All	Yes		
	🐼 Core Networking - Multicast Listener Rep	Core Networking	All	Yes		
	🞯 Core Networking - Multicast Listener Rep	Core Networking	All	Yes		
	🐼 Core Networking - Neighbor Discovery A	Core Networking	All	Yes	+	
4 11						

## ⑧Select [Port].⑨Click [Next> ].

🔗 New Inbound Rule Wizar	d
Rule Type	
Select the type of firewall rule to	o create.
Steps: Rule Type Protocol and Ports Action Profile Name	What type of rule would you like to create?               Select                  Program             Rule that controls connections for a program.                 Pgf             Rule that controls connections for a TCP or UDP port.                 Prgdefined:             BranchCache - Content Retrieval (Uses HTTP)              Rule that controls connections for a Windows experience.                 Rule that controls connections for a Windows experience.
	Custom rule.

①Select [TCP].

①Select [Specific local port].

DInput "WEB Using Port No." which is set by step 2-3-2.

①3Click [Next>].

Prev Inbound Rule Wizar	b	
Protocol and Ports		
Specify the protocols and ports	to which this rule applies.	
Steps:		
<ul> <li>Rule Type</li> </ul>	Does this rule apply to TCP or UDP?	
Protocol and Ports	• ICP 10 Select	
Action		
Profile		
Name	Does this rule apply to all local ports or specific local ports	12Input
	All local ports	
	Specific local ports: 8080	
	Example: 80, 443, 5000-5010	
	Learn more about protocol and ports	
	< Back Next > Cancel	

## 1 Select [Allow the connection].

## 15Click [Next>].

Mew Inbound Rule Wizar	d 💽
Action	
Specify the action to be taken	when a connection matches the conditions specified in the rule.
Steps:	14)Select
Rule Type	What action ection matches the specified conditions?
<ul> <li>Protocol and Ports</li> </ul>	<u>Allow the connection</u>
<ul><li>Action</li><li>Profile</li></ul>	This includes connections that are protected with IPsec as well as those are not. <b>Allow the connection if it is secure</b>
Name	<ul> <li>Now the generation of the second</li> <li>This includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node.</li> <li>Customize</li> </ul> Customize Block the connection
	Learn more about actions

1 Select profiles depending on your network. If you don't know about your network, select all items. 1 Click [Next>].

🔗 New Inbound Rule Wiza	ard 🧧
Profile	direct direction of
Specify the profiles for which	inis rule applies.
Steps:	When does this rule apply?
(fb)Select Profile Name	<ul> <li>Domain Applies when a computer is connected to its corporate domain.</li> <li>Private Applies when a computer is connected to a private network location.</li> <li>Public Applies when a computer is connected to a public network location.</li> </ul>
	Learn more about profiles

## 18 Input rule name.

19Click [Finish].

Prew Inbound Rule Wizard	
Name	
Specify the name and description of	this rule.
Steps:	
<ul> <li>Rule Type</li> <li>Protocol and Ports.</li> <li>Action</li> <li>Profile</li> <li>Name</li> </ul>	Imput         Name:         Class Demo Manager         Description (optional):
	(1)Click < Back Finish Cancel

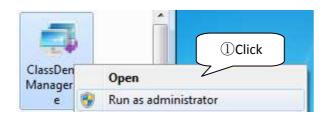
## 3. Class Demo Manager Function

### 3-1. Manager mode

#### 3-1-1. Start manager mode

When you open this application normally, the application start as client mode. If you want to start as manager, you should run as administrator.

① Right click on the application icon then click [Run as administrator].



② When this User Account Control message appears, you click [Yes].

U		to allow the following program from a blisher to make changes to this comput	
	Program name: Publisher: File origin:	ClassDemoManager.exe Unknown Hard drive on this comp	
🕑 s	how details	Yes No	

If you logon as non-administrative user, you should input administrator's password.

Use		to allow the following program from an olisher to make changes to this computer?
	Program name: Verified publisher File origin:	ClassDemoManager.exe : <b>Unknown</b> Hard drive on this computer
Toc	continue, type an ac Debu Passwo	
s) s	how details	Yes No

Then Manager mode starts.



These button's function is explained next chapter.

[Full] is same as [Full screen demo].

[Transparent] is same as [Transparent screen demo].

[Movable] is same as [Movable screen demo].

[Stop] is same as [Stop demo].

#### **3-1-2. Setting information.**

Full Screen Demo	Transpa Screen	arent 50 🚖 Demo	Movable Screen Demo
Stop Demo			O Shutdown
Setting			
Display Address	ttp://192.168.0.1:8080		
Web Using Port <mark>N</mark> o.	8080 🚖 (No	1024-65524)	Create Manager Site
Manager Using UDP	Port No.	55555	(No. 50000-65524)
Destination UDP Port	t No. (Manager -> Client)	55556	+ - 55566 +
	т	his parameter is	automatic. You can't change.
	192,168.0.255		

#### **Command**

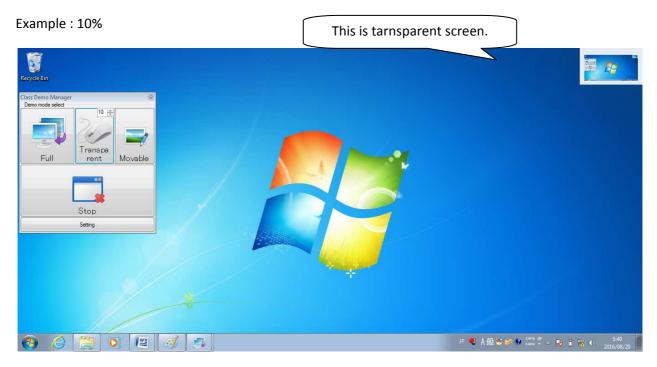
• Full Screen Demo

When you click [Full Screen Demo], manager send command to clients. Clients' program shows manager's screen.

Transparent Screen Demo

When you click [Transparent Screen Demo], manager send command to clients. Clients' program shows manager's screen on right top corner.

%1 This numeric control box is for screen size. The size range is 10 to 100%



Example : 50%

Reycle bin Class Demo Manager Demo mode select Full Full Full Stop Setting			
<ul><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li><li>(-)</li></ul>		· · · · · · · · · · · · · · · · · ·	

(Above example screen is operated in one computer. So clients shows screen of themselves.)

#### Movable Screen Demo

When you click [Movable Screen Demo], manager send command to clients. Clients' program shows manager's screen window. Clients can move, resize and hide this window behind other windows.



#### • Stop Demo

When you click [Stop Demo], manager send command to clients. Clients' program close demo window.

#### • Shutdown

When you click [Shutdown], manager send command to clients. Clients' program start to shutdown their computer. After you send this command, you cannot stop shutdown.

#### **Setting**

Display Address

This is displaying address of clients' demo screen. You should set it as manager's machine address.

• Web Using Port No.

This is using port number for accessing.

Create Manager Site(Manager only)

After you set [Web Using Port No.].

When you click this button, this program create manager site for demo.

#### **Creating Steps**

① Click [Create Manager Site].

Full Screen Demo	Transpa Screen [	arent 50 🚖 Demo	Movable Screen Demo	
Stop Demo		C	Shutdown	
Setting				
Display Address h	ttp://192.168.0.1:8080			1 Click
Web Using Port No.	8080 🚖 (No.	1024-65524)	Create Manager S	ite 2
Manager Using UDP	Port No.	55555	🔶 (No. 50000-65	524)
Manager Using UDP Destination UDP Port	No. (Manager -> Client)	55556	<ul> <li>(No. 50000-65</li> <li>- 55566</li> <li>tomatic, You can't ch</li> </ul>	

② Click [Yes].



③ Click [OK].



If some error message shown, confirm your configuration.

• Manager Using UDP Port No , Destination UDP Port No.

This value is not necessary to changing normally. When your computer is conflicted other program, you should change it. Destination UDP Port No. is assigned automatically after manager port.

BroadCast Address

Manager's command destination address. It should be network broadcast address.

#### 3-2. Client mode

If you setup "2-4 Set Task Scheduler" correctly, client mode's application will be run after restarting a computer. Windows Security Alert appears at first run, so you click [Allow access].

	ows Firewa	II has blocked some features of this pro	① If you don't know about
networks.	Ids DIOCKED SUIT	e readines of classbenomanager of air public and priva	your network, select all
	Name:	ClassDemoManager	items.
	Publisher:	AOISoft	
	Pat <u>h</u> :	C:¥program files¥aoisoft¥classdemomanager ¥classdemomanager.exe	
Allow ClassDemoM	anager to comm	unicate on these networks:	
V Public netw	orks, such as th	ny home or work network ose in airports and coffee shops (not recommended ten have little or no security)	
What are the risks	of allowing a pr	eogram through a firewall?	ick Cancel

When manager starts demo, client mode shows manager's site. Client is refreshing screen by 1 second, so manager should move your mouse slowly while demonstrating.

## 3-3. ProcessCheck.exe

Installation folder have two execution files. ClassDemoManager.exe and ProcessCheck.exe.

ProcesCheck.exe is monitoring about client mode application(ClassDemoManager.exe). When client mode application stops by some reasons, ProcessCheck.exe restart client mode.

If you want to stop client mode application, you should stop ProcessCheck.exe first.