

# iCon

## **PC Link Software Manual System Cor Rev 18.6.1-40 PC Link cc300 Rev 01.00.03**

### Title Page

© 2006 Comeragh Controls Ltd

No part of this document may be reproduced by any process without the prior written permission from Comeragh Controls Ltd.

The information in this document is provided for reference only. While every effort has been made to make sure it is accurate and complete, Comeragh Controls Ltd does not accept any liability arising out of the application or use of the information or products described herein. Moreover, Comeragh Controls Ltd reserves the right to alter specifications or procedures without notice.

This document may contain or refer to information or products protected by copyright or patents and does not convey any license under the patent rights of Comeragh Controls Ltd nor the rights of others.

All products referred herein are trademarks of their respective owners.

#### **Publication details:**

*Title:* iCon PC Link Software Manual

*Issue Date:* 9-12-16

*Part Number:* CC-icons SM

#### **Produced by:**

Product Support Department  
Comeragh Controls Ltd  
Upper Irish Town  
Clonmel  
Co. Tipperary

## Contents

1. <i>PC Software Installation</i> .....	3
2. <i>Starting Application</i> .....	4
3. <i>Setting up PC link software at PC</i> .....	7
4. <i>Setting up PC link software at Touch Screen</i> .....	8
5. <i>PC Link Operation</i> .....	10
Step 1: Labels.....	11
Step 2 Scheduling.....	11
Step 3 7 Day Schedule.....	11
Step 4 Mode.....	11
Step 5 T (Zone Temperature).....	11
6. <i>Summary Note:</i> .....	14

## 1. PC Software Installation

### 1.1 Supplied on Disk

The *Control Master* software package is supplied in floppy disk format. Using MS Dos, type 'A:\install' at the prompt command. To install the *Control Master* software from the floppy disk using Windows 98,NT, XP do the following:

1. Insert the disk in the floppy drive
2. Click the *Start* button, Select Settings and click on *Control Panel*
3. Double-click the *Add/Remove Programs* icon and follow the instructions displayed the on screen.



*Figure 1-1 - Installation Dialog Box.*

Add *Control Master* to the Start menu or Desktop by creating a shortcut as described in your Windows User Manual.

### 1.2 Supplied via email

1. Unzip attached file
2. Double Click on SETUP
3. Follow the instructions display
4. Copy all files from CM Bitmap Folder into the folder the system created on your PC (Default: C:\Program Files\Control Master)  
(If requested to Over Write – Select YES)

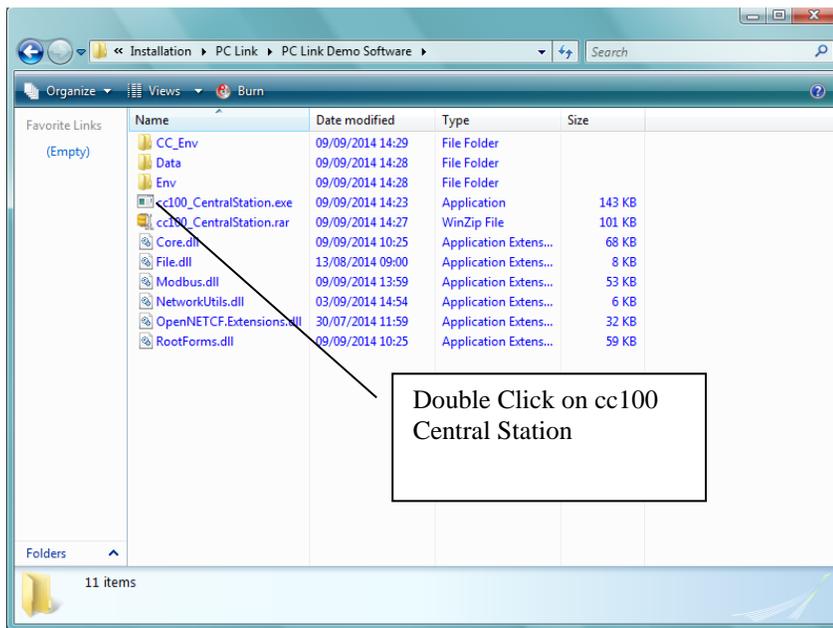
## 2. Starting Application

Using Windows 98, 2000, XP, or VISTA select

**Start | My Computer | Local Disk C: | Program Files | Control Master**

### Step 1: Open application

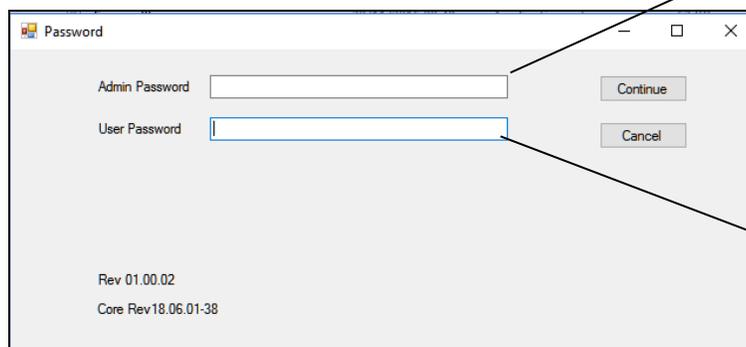
Double Click on Control Master exe



### Step 2: Password

The application will now request a password

Enter 3105 & press Continue



Administrator Enter Password  
Enter 3105  
*Administrator Code Only !!!*

User Enter Password  
Enter *Password*  
*User Code Only !!!*  
Note case sensitive

The screenshot shows a 'Password' dialog box with the following fields and options:

- Admin Password: 3105
- User Password: (empty)
- Ignore Password
- Max Consoles: 1
- Rev 01.00.02
- Core Rev18.06.01-38

Buttons: Continue, Cancel

Once the Administrator Password is Entered (3105)  
2 New field appears

- Option to Ignore password
- Max Number of Consoles

**Note:** This Password should only be used by Administrator  
Separate Passwords can be entered for the Clients' General Users

### Step 3: Password for General Users

The application will now request a password  
Enter "Password" & press Continue

The screenshot shows the 'Password' dialog box with the 'User Password' field highlighted by a blue border. The 'Admin Password' field is empty. The 'Ignore Password' checkbox is unchecked. The 'Max Consoles' field is set to 1. The version information and buttons are the same as in the previous screenshot.

User Enter Password  
Enter *Password*  
*User Code Only !!!*  
Note case sensitive

**User Interface Displayed**

The Main User Interface should now be open.

**Console** **Master Mode**

Name: Unassigned



Schedule Heating and DHW Zones

Heating Zones follow Schedule  
DHW follows Schedule



All Heating Zones Off

Heating Zones are Constant Off  
DHW follows Schedule



All Heating Zones On

All Heating Zones are Constant On  
DHW follows Schedule



All Heating and DHW Zones Off

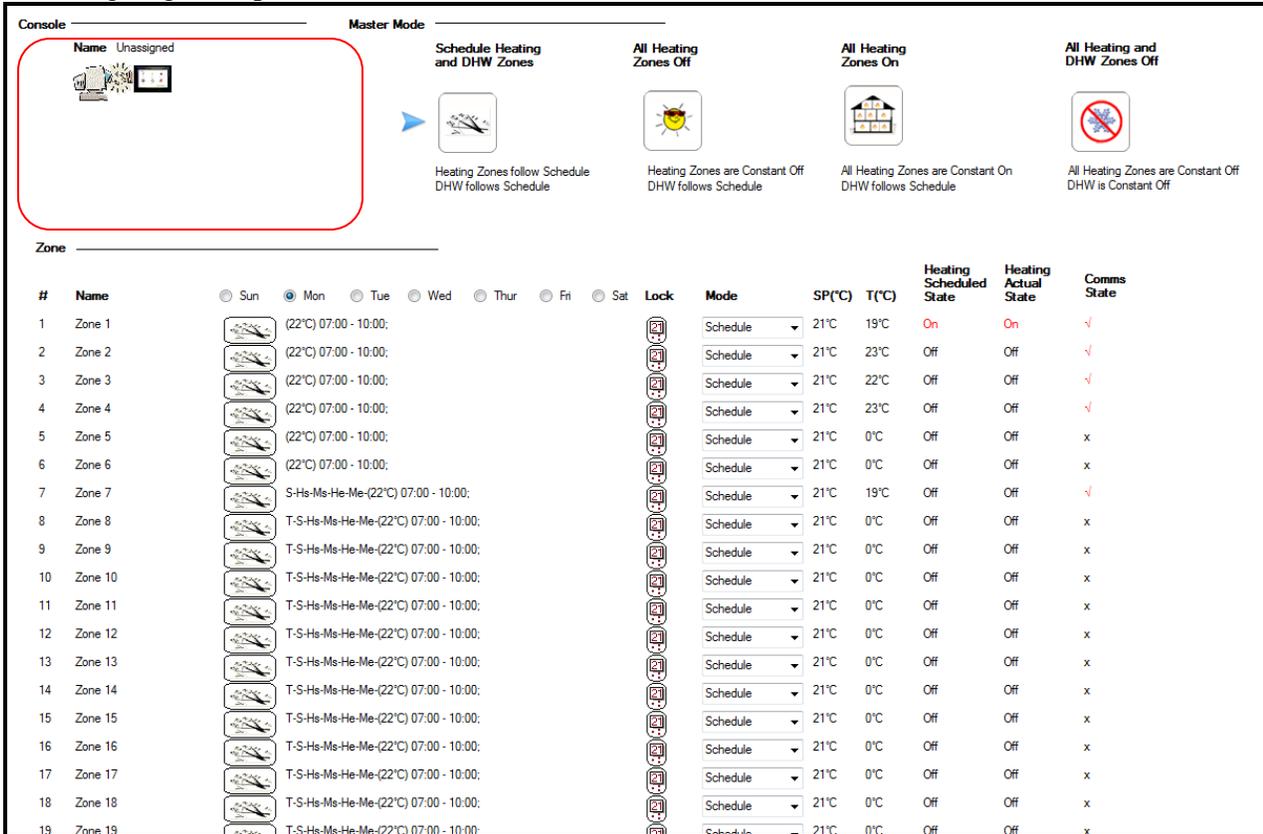
All Heating Zones are Constant Off  
DHW is Constant Off

**Zone**

#	Name	Sun	Mon	Tue	Wed	Thur	Fri	Sat	Lock	Mode	SP(°C)	T(°C)	Heating Scheduled State	Heating Actual State	Comms State
1	Zone 1	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		Schedule	21°C	19°C	On	On	✓				
2	Zone 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	23°C	Off	Off	✓
3	Zone 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	22°C	Off	Off	✓
4	Zone 4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	23°C	Off	Off	✓
5	Zone 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	0°C	Off	Off	x
6	Zone 6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	0°C	Off	Off	x
7	Zone 7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	19°C	Off	Off	✓
8	Zone 8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	0°C	Off	Off	x
9	Zone 9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	0°C	Off	Off	x
10	Zone 10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	0°C	Off	Off	x
11	Zone 11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	0°C	Off	Off	x
12	Zone 12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	0°C	Off	Off	x
13	Zone 13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	0°C	Off	Off	x
14	Zone 14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	0°C	Off	Off	x
15	Zone 15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	0°C	Off	Off	x
16	Zone 16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	0°C	Off	Off	x
17	Zone 17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	0°C	Off	Off	x
18	Zone 18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	0°C	Off	Off	x
19	Zone 19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Schedule	21°C	0°C	Off	Off	x

### 3. Setting up PC link software at PC

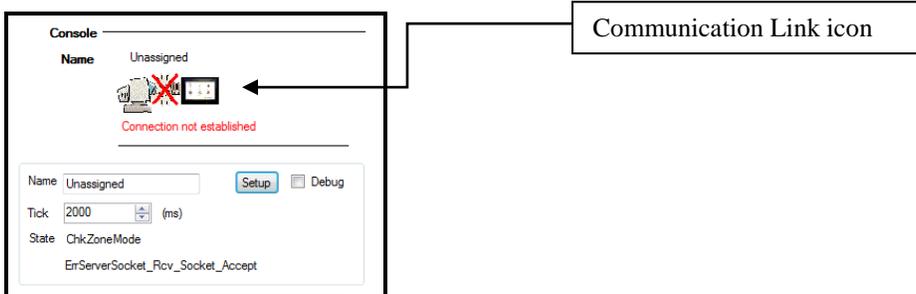
#### 3.1 Assigning multiple consoles



The screenshot shows the 'Console' and 'Master Mode' sections. The 'Console' section has a 'Name' field set to 'Unassigned' and a 'Communication Link icon' (a computer and server icon) highlighted with a red box. Below it are four mode options: 'Schedule Heating and DHW Zones', 'All Heating Zones Off', 'All Heating Zones On', and 'All Heating and DHW Zones Off'. The 'Zone' section contains a table with 19 rows of zone data.

#	Name	Sun	Mon	Tue	Wed	Thur	Fri	Sat	Lock	Mode	SP(°C)	T(°C)	Heating Scheduled State	Heating Actual State	Comms State
1	Zone 1									Schedule	21°C	19°C	On	On	✓
2	Zone 2									Schedule	21°C	23°C	Off	Off	✓
3	Zone 3									Schedule	21°C	22°C	Off	Off	✓
4	Zone 4									Schedule	21°C	23°C	Off	Off	✓
5	Zone 5									Schedule	21°C	0°C	Off	Off	x
6	Zone 6									Schedule	21°C	0°C	Off	Off	x
7	Zone 7									Schedule	21°C	19°C	Off	Off	✓
8	Zone 8									Schedule	21°C	0°C	Off	Off	x
9	Zone 9									Schedule	21°C	0°C	Off	Off	x
10	Zone 10									Schedule	21°C	0°C	Off	Off	x
11	Zone 11									Schedule	21°C	0°C	Off	Off	x
12	Zone 12									Schedule	21°C	0°C	Off	Off	x
13	Zone 13									Schedule	21°C	0°C	Off	Off	x
14	Zone 14									Schedule	21°C	0°C	Off	Off	x
15	Zone 15									Schedule	21°C	0°C	Off	Off	x
16	Zone 16									Schedule	21°C	0°C	Off	Off	x
17	Zone 17									Schedule	21°C	0°C	Off	Off	x
18	Zone 18									Schedule	21°C	0°C	Off	Off	x
19	Zone 19									Schedule	21°C	0°C	Off	Off	x

- Select Communication Link icon



The screenshot shows the 'Console' configuration dialog box. The 'Name' field is 'Unassigned'. Below the name field, there is a 'Communication Link icon' (a computer and server icon) with a red 'X' over it and the text 'Connection not established'. A callout box labeled 'Communication Link icon' points to this icon. Below the icon are fields for 'Name' (Unassigned), 'Tick' (2000 ms), 'State' (ChkZoneMode), and 'EnServerSocket\_Rcv\_Socket\_Accept'. There are 'Setup' and 'Debug' buttons.

- Enter Touch Screen Name : E.g Ground Floor
- Press Setup

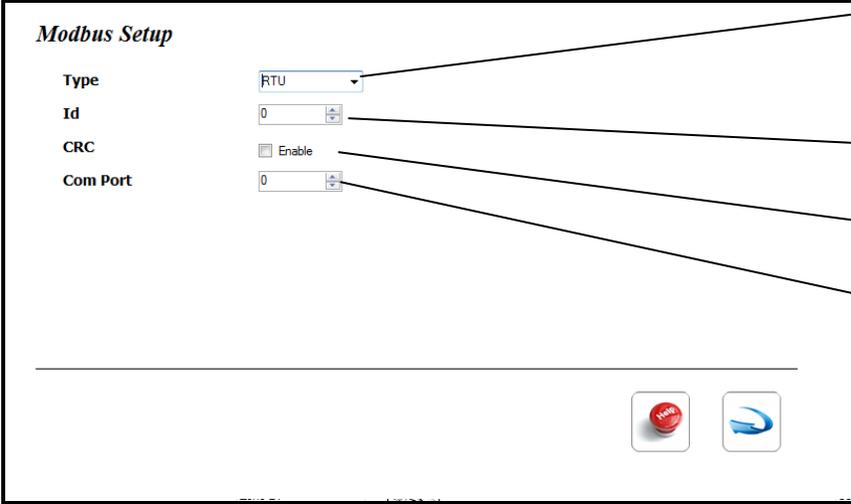
## 4. Setting up PC link software **at Touch Screen**

**Comment:**

The IP address must be assignee in both windows and in cc200 application.

This IP address can either be a “Fixed IP Address” or a dynamically assigned “DCHP” address

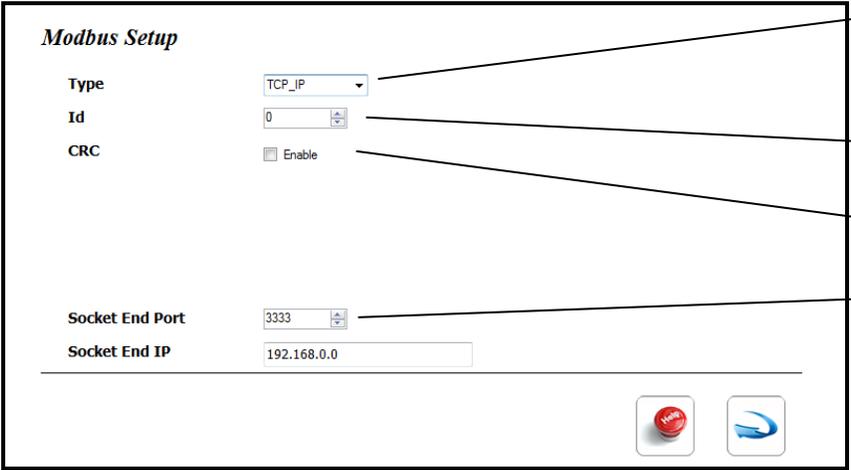
RTU



The screenshot shows the 'Modbus Setup' window with the following fields and callouts:

- Type:** RTU (dropdown menu) - Callout: Select Communication Protocol ➤ RTU
- Id:** 0 (spin box) - Callout: Enter Console Address
- CRC:**  Enable - Callout: Check if CRC checking is required
- Com Port:** 0 (spin box) - Callout: Assign Com Port  
Port number must be the same on the Touch Screen and the Server.

TCPIP



The screenshot shows the 'Modbus Setup' window with the following fields and callouts:

- Type:** TCP\_IP (dropdown menu) - Callout: Select Communication Protocol ➤ TCPIP
- Id:** 0 (spin box) - Callout: Enter Console Address
- CRC:**  Enable - Callout: Check if CRC checking is required
- Socket End Port:** 3333 (spin box) - Callout: Assign Socket En Port & IP address  
Port number must be the same on the Touch Screen and the Server.
- Socket End IP:** 192.168.0.0 (text field)

Note:

1. Once all the consoles have been set up on your PC, Reboot the PC application (cc100) to ensure application runs from the start. (At start the PC App checks the number of zones in each console)
2. If re-setting up the Modbus , delete Modbus.dat from Flash Disk 1.

**Example: PC Link - Install Steps on cc200 Touch Screen**

**Set up in Microsoft Windows:**

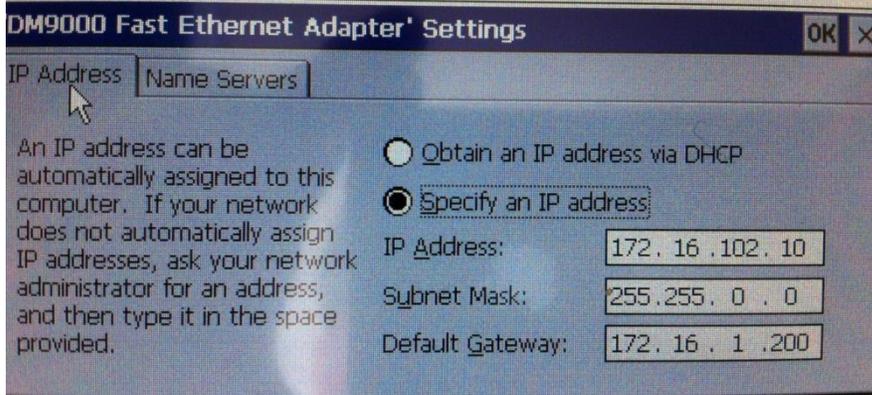
**Steps:**

Access Via Windows

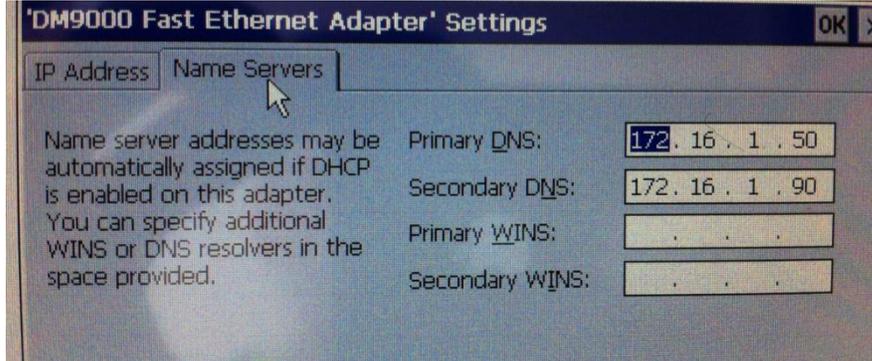
Start / Setting/ Network & Dial Up Connections

Select DM9000

**Sample Setup –Fixed IP Address**

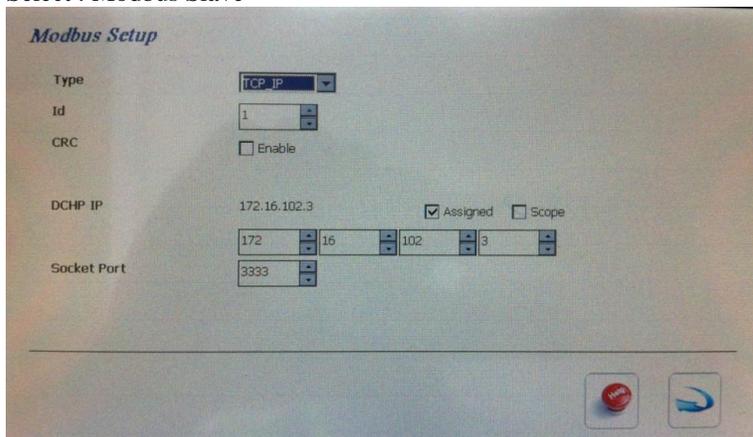


**Name Server – (Not Critical )**



**Set us in cc200 Application – Eng Section (Modbus Slave)**

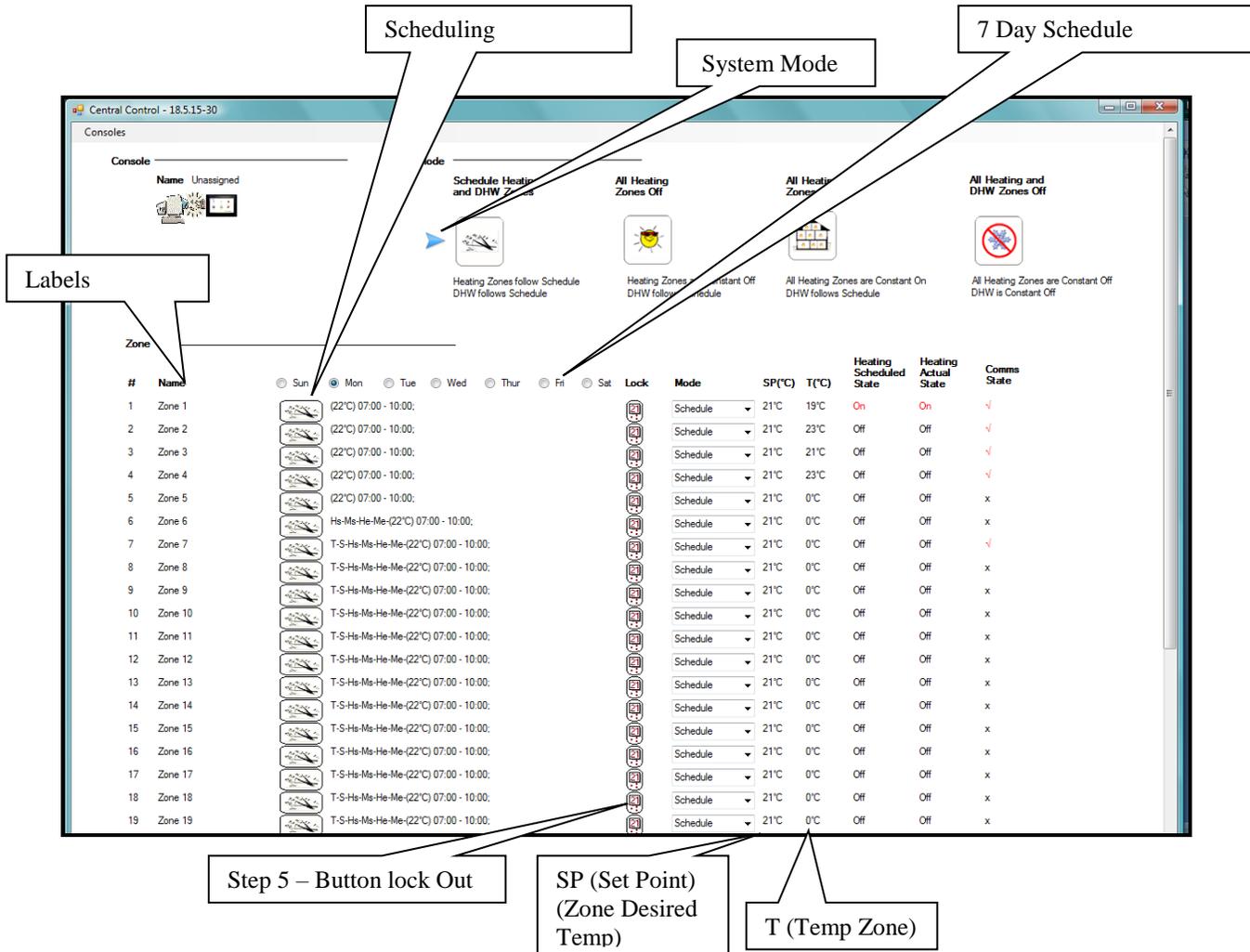
Select : Modbus Slave



## 5. PC Link Operation

### Overview:

The zone profile allow you to input Labels, Schedule, temp setting and general setting for each of the zones within a development.



The screenshot displays the 'Central Control - 18.5.15-30' interface. At the top, there are four system mode buttons: 'Schedule Heating and DHW Zones', 'All Heating Zones Off', 'All Heating Zones On', and 'All Heating and DHW Zones Off'. Below these is a table of 19 zones. Each zone row includes a 'Labels' field, a 'Scheduling' field with a 7-day calendar icon, a 'Lock' column with a lock icon, a 'Mode' dropdown menu, and columns for 'SP(°C)', 'T(°C)', 'Heating Scheduled State', 'Heating Actual State', and 'Comms State'.

#	Name	Sun	Mon	Tue	Wed	Thur	Fri	Sat	Lock	Mode	SP(°C)	T(°C)	Heating Scheduled State	Heating Actual State	Comms State
1	Zone 1	(22°C) 07:00 - 10:00.								Schedule	21°C	19°C	On	On	✓
2	Zone 2	(22°C) 07:00 - 10:00.								Schedule	21°C	23°C	Off	Off	✓
3	Zone 3	(22°C) 07:00 - 10:00.								Schedule	21°C	21°C	Off	Off	✓
4	Zone 4	(22°C) 07:00 - 10:00.								Schedule	21°C	23°C	Off	Off	✓
5	Zone 5	(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	x
6	Zone 6	Hs-Ms-He-Me-(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	x
7	Zone 7	T-S-Hs-Ms-He-Me-(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	✓
8	Zone 8	T-S-Hs-Ms-He-Me-(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	x
9	Zone 9	T-S-Hs-Ms-He-Me-(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	x
10	Zone 10	T-S-Hs-Ms-He-Me-(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	x
11	Zone 11	T-S-Hs-Ms-He-Me-(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	x
12	Zone 12	T-S-Hs-Ms-He-Me-(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	x
13	Zone 13	T-S-Hs-Ms-He-Me-(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	x
14	Zone 14	T-S-Hs-Ms-He-Me-(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	x
15	Zone 15	T-S-Hs-Ms-He-Me-(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	x
16	Zone 16	T-S-Hs-Ms-He-Me-(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	x
17	Zone 17	T-S-Hs-Ms-He-Me-(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	x
18	Zone 18	T-S-Hs-Ms-He-Me-(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	x
19	Zone 19	T-S-Hs-Ms-He-Me-(22°C) 07:00 - 10:00.								Schedule	21°C	0°C	Off	Off	x

### Note:

When a Touch Screen console powers up initially, it defaults to Winter Comfort Schedule.

Once the PC Link is established, the Touch Screen move to the Custom Schedule.

Since the Touch Screen is under central control, the Master Mode & Schedule icon are lock out.

If the PC Link between your PC and the Touch Screen is lost.

- After 10 min the “System is currently under Central Control” message is disappear
- The touch screen will revert to the Winter Comfort Schedule

Note the schedule on the PC is never stored on the Touch Screen, it is only stored in RAM (Random Access Memory)

---

## Zone Profile

### Step 1: Labels

Once the PC and linked with the touch screen , the zone labels are retrieved from the Touch Zone Labels will be displayed at the PC.

Zone Label E.g. KITCHEN

### Step 2 Scheduling

Each zone can be scheduled ON (Heat to SP) or OFF (Heat to SB (Stand By) (Set Back) over a 24 hr period.

### Step 3 7 Day Schedule

Schedules can be different for each Zone and each day of the week.

Click box beside Day to edit it's schedule

### Step 4 Mode

Each zone can have the following mode setting

- Normal = Follow ON/ OFF Schedule
- Stop = Ignore Zone Schedule – Move to Set Back Temperature
- Disable = Frost Protection Mode

### Step 5 T (Zone Temperature)

T = Zone Temperature

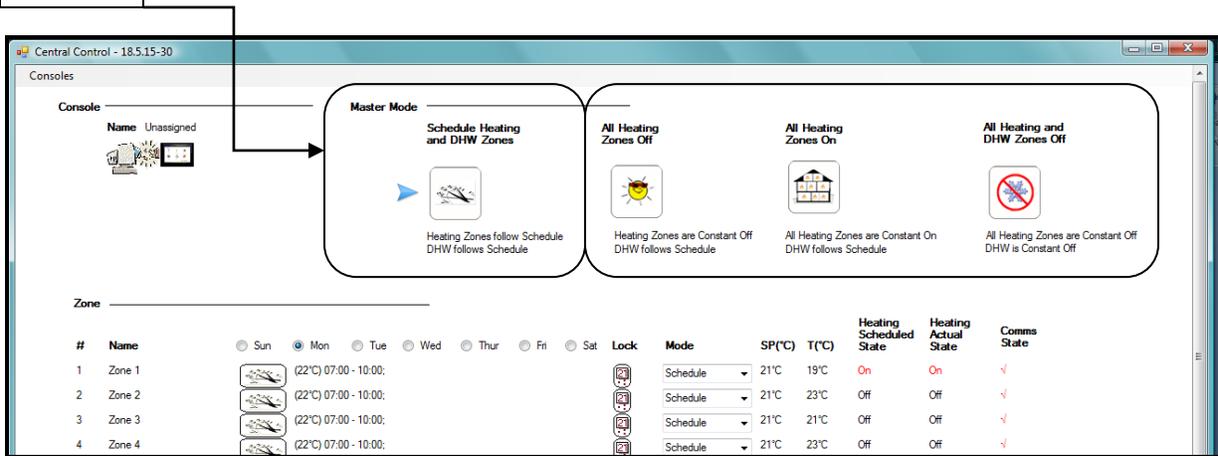
### Step 6 SP (Set Point

SP = Zone Set Point Temperature  
(Zone Desired Temperature when schedule ON)  
If no ON time is schedule during a particular period, the SP displayed is the default value typically 21.  
The Zone is then OFF  
Off Of ufh zones is SP-SB (Set Point less Set Back)  
Off Of Rad zones is Off Temp e.g. 5°C.

**Master Mode:**

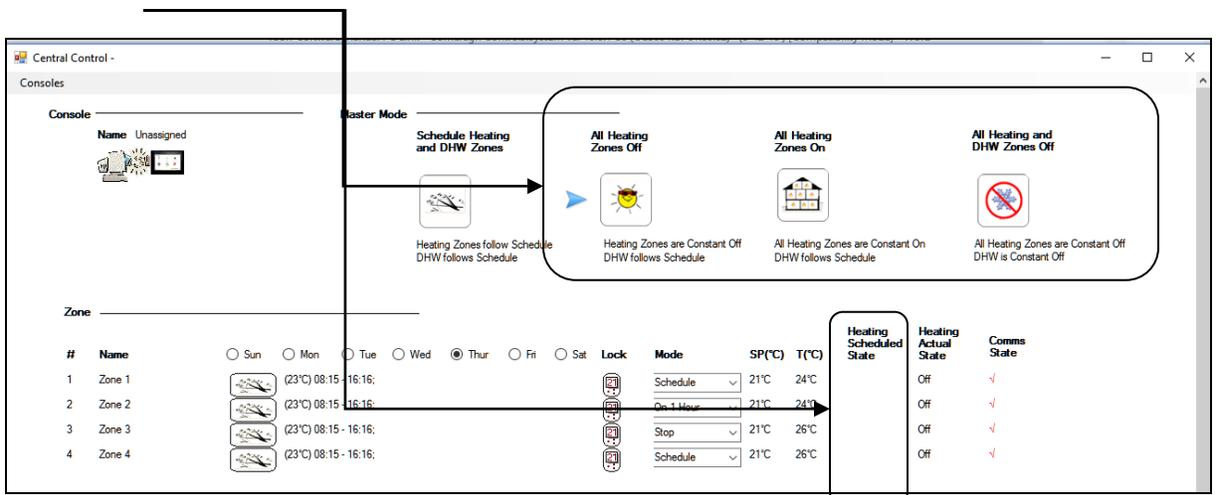
**Default :Sch Mode:**

Sch Mode: If master mode is set to the Default: Sch Heating & DHW zones, the system display the sch



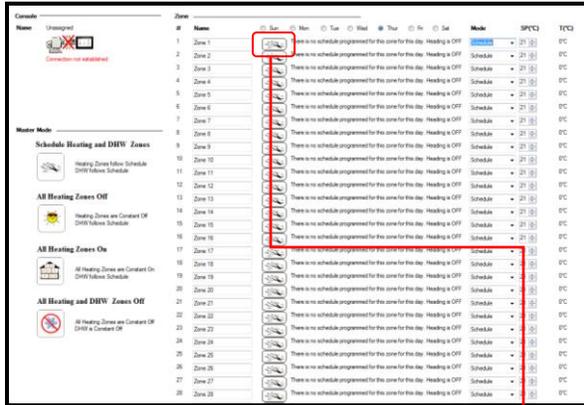
**Other Modes:**

Other Modes: If master mode set to [All Heating OFF] [All Heating ON] OR [All Heating & DHW OFF] Sch has no effect and the stats of the sch is removed

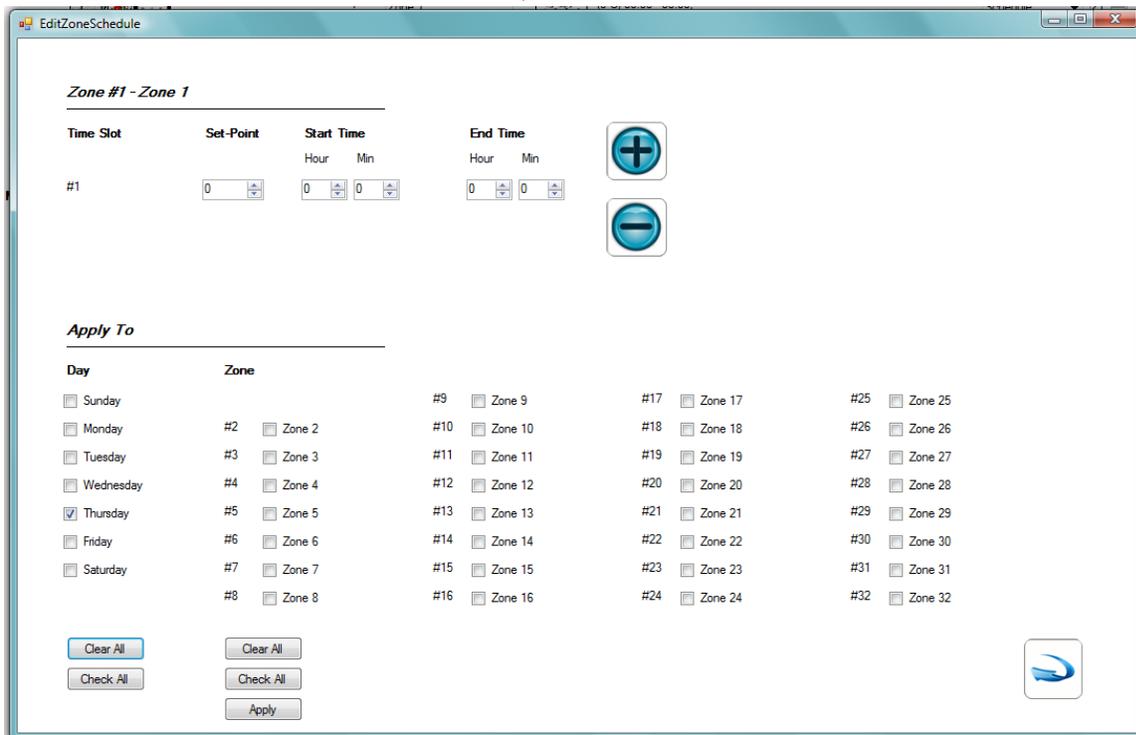


## Scheduling

### Select a zone Schedule icon



#	Name	Mode	SP/CO	TYCO	
1	Zone 1	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
2	Zone 2	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
3	Zone 3	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
4	Zone 4	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
5	Zone 5	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
6	Zone 6	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
7	Zone 7	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
8	Zone 8	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
9	Zone 9	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
10	Zone 10	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
11	Zone 11	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
12	Zone 12	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
13	Zone 13	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
14	Zone 14	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
15	Zone 15	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
16	Zone 16	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
17	Zone 17	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
18	Zone 18	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
19	Zone 19	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
20	Zone 20	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
21	Zone 21	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
22	Zone 22	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
23	Zone 23	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
24	Zone 24	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
25	Zone 25	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
26	Zone 26	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
27	Zone 27	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C
28	Zone 28	There is no schedule programmed for this zone for this day. Heating is OFF	Schedule	21 00	0°C



**Zone #1 - Zone 1**

Time Slot: #1

Set-Point: 0

Start Time: Hour: 0, Min: 0

End Time: Hour: 0, Min: 0

Buttons: +, -

**Apply To**

Day	Zone	Zone	Zone	Zone
<input type="checkbox"/> Sunday		#9 <input type="checkbox"/> Zone 9	#17 <input type="checkbox"/> Zone 17	#25 <input type="checkbox"/> Zone 25
<input type="checkbox"/> Monday	#2 <input type="checkbox"/> Zone 2	#10 <input type="checkbox"/> Zone 10	#18 <input type="checkbox"/> Zone 18	#26 <input type="checkbox"/> Zone 26
<input type="checkbox"/> Tuesday	#3 <input type="checkbox"/> Zone 3	#11 <input type="checkbox"/> Zone 11	#19 <input type="checkbox"/> Zone 19	#27 <input type="checkbox"/> Zone 27
<input type="checkbox"/> Wednesday	#4 <input type="checkbox"/> Zone 4	#12 <input type="checkbox"/> Zone 12	#20 <input type="checkbox"/> Zone 20	#28 <input type="checkbox"/> Zone 28
<input checked="" type="checkbox"/> Thursday	#5 <input type="checkbox"/> Zone 5	#13 <input type="checkbox"/> Zone 13	#21 <input type="checkbox"/> Zone 21	#29 <input type="checkbox"/> Zone 29
<input type="checkbox"/> Friday	#6 <input type="checkbox"/> Zone 6	#14 <input type="checkbox"/> Zone 14	#22 <input type="checkbox"/> Zone 22	#30 <input type="checkbox"/> Zone 30
<input type="checkbox"/> Saturday	#7 <input type="checkbox"/> Zone 7	#15 <input type="checkbox"/> Zone 15	#23 <input type="checkbox"/> Zone 23	#31 <input type="checkbox"/> Zone 31
	#8 <input type="checkbox"/> Zone 8	#16 <input type="checkbox"/> Zone 16	#24 <input type="checkbox"/> Zone 24	#32 <input type="checkbox"/> Zone 32

Buttons: Clear All, Check All, Apply

## 6. Summary Note:

### Setup Notes:

- At Each Console
  - Setup IP address in Windows (DCHP OR Fixed IP Address)
  - Setup Modbus Slave (Type {TCPIP}, ID, Enable Comms, ID Address, Socket =3333)
- At PC
  - Set up each Console (Type {TCPIP}, ID, Enable Comms, ID Address, Socket =3333)
  - Assign Console Name
 
    - Exit application to save setting

### Operation Notes:

- System will start communications (comms) with each console
- During each comms cycle, parts of the zone schedule will be transmitted down to a console.
- System starts with Console 1, Zone 1, 1<sup>st</sup> Schedule.
- As each parts of the schedule is transmitted down , the element that has been transmitted will be removed

4	Zone 4		(22°C) 07:00 - 10:00;
5	Zone 5		(22°C) 07:00 - 10:00;
6	Zone 6		Hs-Ms-He-Me-(22°C) 07:00 - 10:00;
7	Zone 7		T-S-Hs-Ms-He-Me-(22°C) 07:00 - 10:00;

Notations: T (Qty Time Slots), S(SP), Hs (Hour Start), Ms (Min Start), He (Hour End), Me (Min End)

### Notes:

1. The first time the system is run, it will download all the sch, for each zone & CURRENT day on each console  
(12 ec per sch, e.g.3sch x 20zone x 1days x 3console = 12 x3x20x1x3= 2160Sec= 36 min)
2. Next days at 00:00 hr, it will download the next day
3. After the full schedules is download, the system only download modifications.