

Central Management Software

Administration

Guide

V1.0

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1 Introduction

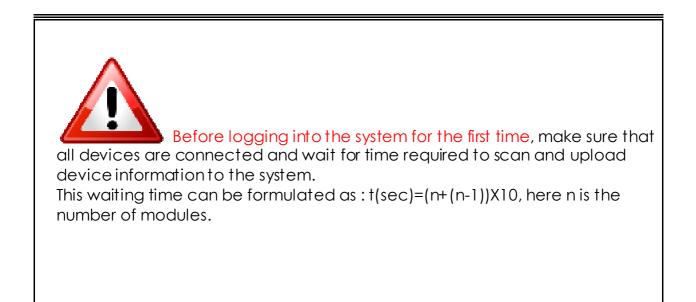
See Sensplorer Installation Guide and install Sensplorer software. In this guide you will be able to create:

- user (Administrator and user),
- user group,
- Sensplorer Module names that will be used with Sensplorer System and assign the Tree to related users.

An example of a Sensplorer Environment Control System is shown below.

SENSPLOF ENVIRONMENT CONTR		м								User 'admin' logge	d into	o the system. 6	Logout
Jser Tree To	ols											Mor	nitorin
anel refreshed at: 0:46:41 AM	W	arning Panel											~
ABC Hotels	AB	ABC Hotels>Barcelona>Gracia>10.1.1.176>Sensplorer > Temperature											
	AB	ABC Hotels>Verona>Marco Hotel>10.1.1.172>Temperature > Temperature											
	Drag a column header and drop it here to group by that column												
		Module Name	Sensor Type		Status		Sensor Name		Sensor Value	Sensor Unit		Last Update	
			Υ	Y		Y		Y	γ		Y		Y
	1	Sensplorer	Humidity		NORMAL		Humidity		44.80	rH		23.06.2009 1	0:47:00
	1	Sensplorer	Voltage		INACTIVE		Voltagel		0.00	V		23.06.2009 1	0:47:27
	1	Dry Contact	Contact		NORMAL		Input 0		Yok			23.06.2009 1	10:47:03
	1	Dry Contact	Contact		NORMAL		Input 1		Yok			23.06.2009 1	0:47:03
	1	Temperature	Temperature		NORMAL		Temperature		0.00	С		23.06.2009 1	10:46:55
	1	Sensplorer	Temperature		WARNING		Temperature		26.86	С		23.06.2009 1	0:47:22
	1	Sensplorer	Air Quality		INACTIVE		Air Quality		1.00	ppm		23.06.2009 1	0:47:00
	1	Sensplorer	Temperature		NORMAL		Temperature		29.04	С		23.06.2009 1	0:46:52
	1	Sensplorer	Water Flood		NORMAL		Water Flood		Yok			23.06.2009 1	0:47:27

Figure 1-1 A Sensplorer Environment Control System sample window



2 Login

- 1. Open a Web Browser page.
- 2. Write http://your Sensplorer Server IP/SensplorerV3 into Address field. Press Enter.

Microsoft Phishing Filter
Help make your browser more secure: Set up Phishing Filter
Phishing Filter is designed to warn you if the website you are visiting might be impersonating another website. <u>What is Phishing Filter?</u>
 Turn <u>on</u> automatic Phishing Filter (recommended) Some website addresses will be sent to Microsoft to be checked. Information received will not be used to personally identify you. Turn off automatic Phishing Filter Website addresses will not be sent to Microsoft unless you choose to check them. <u>A</u>sk me later
ОК
Read the <u>Internet Explorer Privacy Statement</u> online.

Figure 2-1 Microsoft Phishing Filter warning window

You may see the warning window shown above, click Turn off automatic Phishing Filter to continue.

3. Login window appears as shown below. Enter **User Name** as **Admin** and **Password** as **voyager**. Click **Login**.



Figure 2-2 Login window

4. Sensplorer ECS Monitoring window appears as shown in the example below.

SENSPLO ENVIRONMENT CONT		м									User 'admin' logged	into the system	n. 6/23/200
User Tree To	ols												Monitoring
Panel refreshed at: 10:46:41 AM	W	arning Panel											~
B ABC Hotels	AB	C Hotels>Barce	lona>	Gracia>10.1.1.176	i>Sen	splorer > Temper	rature						
	ABC Hotels> Verona> Marco Hotel>10.1.1.72> Temperature > Temperature Drag a column header and drop it here to group by that column												
		Module Name		Sensor Type		Status		Sensor Name		Sensor Value	Sensor Unit	Last Upo	late
			7		Y		Y		Y	Y		7	Y
	1	Sensplorer		Humidity		NORMAL		Humidity		44.80	rH	23.06.20	09 10:47:00
	1	Sensplorer		Voltage		INACTIVE		Voltage1		0.00	V	23.06.20	09 10:47:27
	1	Dry Contact		Contact		NORMAL		Input 0		Yok		23.06.20	09 10:47:03
	1	Dry Contact		Contact		NORMAL		Input 1		Yok		23.06.20	09 10:47:03
	1	Temperature		Temperature		NORMAL		Temperature		0.00	С	23.06.20	09 10:46:55
	1	Sensplorer		Temperature		WARNING		Temperature		26.86	С	23.06.20	09 10:47:22
	1	Sensplorer		Air Quality		INACTIVE		Air Quality		1.00	ppm	23.06.20	09 10:47:00
	1	Sensplorer		Temperature		NORMAL		Temperature		29.04	С	23.06.20	09 10:46:52
	1	Sensplorer		Water Flood		NORMAL		Water Flood		Yok		23.06.20	09 10:47:27

Figure 2-3 Sensplorer ECS Monitoring

3 General Description

In Sensplorer Web Management menu bar you can process:

- User/Group Operations
- Tree Management
- Tree Assignment
- Monitoring
- Bulk Administration
- Backup

3.1 Icons

Y

Pen: enables you to edit menu items.

Filter: enables you to filter and list according to parameters you select.

Add new record : enables you to add a new record.

Insert: enables	you to add/save data.		
Confirm Password	*		orer A
E-Mail:			Sensplorer W
User Group:	Admin 🔻		
User Type:	User 💌		Collapse/expand the left pane K
Language:	English 💌		Sensplorer T
Activated:			Collapse/Expand: Enables you to
🖌 Insert	Cancel		collapse or expand the left pane.
🦯 adm	Admin		
Cancel: enabl	es you to cancel faulty entr		

3.2 **Definitions**

3.2.1 User

Enables you to add a new user record, filter and edit according to requested options. Two user types are: **Administrator** and **use**r. Administrator has all the editing and administration rights. User can only access monitoring window. Each user takes assigned tree structure during login.

3.2.2 User Group

User Group: According to hierarchy of your organization or Sensplorer module types you can define a User Group. !!!Only one tree can be assigned to a Group.!!!

3.2.3 Tree

There are three types of System Trees: Master Tree, Schema Tree and User Tree.

Master Tree: is default tree that detects all Sensplorer Modules and their IP numbers and lists them in a few minutes after all connections are completed and Sensplorer Environment Control System software is started in web browser. Master Tree keeps device list physically. When a device is added, it is added under Master tree automatically. A device cannot be added to the Master Tree manually. You can edit Node or Module Name or remove them.

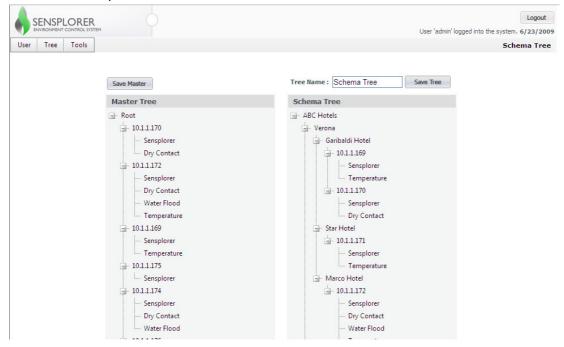


Figure 3-1 Master Tree & Schema Tree example

Schema Tree is used as Template to design hierarchy and the way the devices are shown. It simplifies visual perception. By dragging and dropping from Master Tree you can list Schema Tree items as required, an example is shown above.

User Tree: You can define unlimited number of Trees for users. See Page 9 for User Tree creation.

4 Administration

1. First of all Web Service must be set on Sensplorer Devices.

!!!!W ait for a few minutes until Master Tree is filled in with all Sensplorer Devices. (W aiting duration can be defined as T=(n+(n-1)X10 seconds, where n is the number of the modules)!!!

If you do not wait before logging into the system as defined in first item before Master Tree will appear empty at startup as shown below. You can press F5 key to refresh and get the current list.

ISPLORER			Logout User 'admin' logged into the system. 6/30/2009
ree Tools			Schema Tree
	Save Master Master Tree	Tree Name : Schema Tree Save Tree Schema Tree Root	

Figure 4-1 Empty Master Tree example.

4.1 Create Schema Tree

 After Login, click Tree-> Schema Tree. Following window appears. Highlight Root and Right-click as shown below. Click Edit to change Root Name. Write root name (e.g. ABC Hotels) as required.

	LSYSTEM	User 'admin' logged into the system. 7/2/200
ser Tree Too	ls	Schema Tree
	Save Master	Tree Name : Schema Tree Save Tree
	Master Tree	Schema Tree
	- Root	- ABC Hotels
	Star Hotel Base	Edit
	Star Hotel Base	Insert
	IT Room Fire Alarm	
	IT Room Water Flood	Permission 🕨
	IT Room Temperature	IT Room Temperature
	Garibaldi Hotel Base2	Garibaldi Hotel Base2
	Garibaldi Hotel Base2	Garibaldi Hotel Base2
	Fire Alarm Panel	Fire Alarm Panel
	2d Floor Water Flood	2d Floor Water Flood
	2d Floor Temperature	2d Floor Temperature
	Test Room Base	- Test Room Base
	Test Room Base	Test Room Base
	Test Room Fire Alarm	Test Room Fire Alarm
	Test Room Water Flood	Test Room Water Flood
	Test Room Temperature	Test Room Temperature
	Deluxe Hotel Base	Deluxe Hotel Base
	Deluxe Hotel Base	Deluxe Hotel Base

3. Click outside the Root name or press **Enter** key. New Schema Tree name is entered.

4.2 Add a Schema Tree item

4. If you are not going to customize the way items are seen, you can drag and drop the nodes rom the Master Tree under Schema Tree, If you want to customize the node names etc, right-click the root name and click **Insert** to add nodes as required. !!W hen you hover on a node name under master tree or Schema Tree you can see its IP number.!!! Initially the assigned tree for the Admin group is Schema Tree, this can be changed. See Tree Assignment.

4.3 Create a User Group.

- 5. Click User ->User Group Operation.
- 6. Following window appears. Click Add New Record as shown below.

SENSPLORER 🛛			Logout
ENVIRONMENT CONTROL SYSTEM		User 'admin' logged	into the system. 30.06.200
User Tree Tools		t	Jser Group Operation
)rag a column header and drop it here to group (+) Add new record Show filtering	by that column		🕝 Refresh
Group Name	Assigned Tree	Creation Date	
3	Schema Tree	30.06.2009 10:44:38	

7. User Group Name window appears. Enter required User Group Name into User Group Name (e.g. Garibaldi Hotel IT) field and click **Insert** as shown below.

		User 'admin' logo	Logout ed into the system. 30.06.2009		
Jser Tree Tools User Group					
Drag a column header and drop it here to group by	that column				
+ Add new record Show filtering			🕝 Refresh		
User Group Name	Assigned Tree	Creation Date			
User Group Name: Garibaldi Hotel IT					
Add they Deta	cem	30.06.2009 10:44:38			
Defa	Default Tree	30.06.2009 10:44:38			
Add new record			🕝 Refresh		

8. User Group Name is added. Following window appears. New User Group is seen in the list, Default Tree is assigned automatically. **The information of user group with user group name : XXX is inserted** message appears.

ENVIRONMENT CONTROL SYSTEM User 'admin' logged into the system Jser Tree Tools User Group					
	lumn header and drop it here to group by new record Show filtering	that column		🕥 Refre:	
+ Add	User Group Name	Assigned Tree	Creation Date	Un Kelles	
	0.1.1.1.1.1.T	Default Tree	30.06.2009 16:02:07	0	
0	Garibaldi Hotel IT				
0	Admin	cem	30.06.2009 10:44:38		

4.4 Create a new Tree.

9. Click Tree-> Tree Management. Following window appears. Click Add New Record as shown below.

SENSPLORER EXVIRCMENT CONTROL SYSTEM Jser Tree Tools	User 'admin' logged into the s Tree				
🛨 Add 💊 v record Show filtering 🗖			🕞 Refre		
TreeName	Master	Default			
Default Tree		Default			
Master Tree	Master				
Schema Tree					
+ Add new record			🕝 Refr		
Template Default View					

10.Following window appears. Write the name you want. (e.g. Garibaldi Hotel Nodes)into the Tree Name field as shown below.



11.Right-click on Root, then Click **Edit** as shown below.

IT Room Fire Alarm

IT Room Water Flood

		Logout User 'admin' logged into the system. 30.06.2009
User Tree Tools		Tree Management
		Tree Name : Saribadi Hotel Nodes Save Tree
	Schema Tree	User Tree
	ABC Hotels Star Hotel Base Star Hotel Base	Roo Edit Insert

Remove

Permission

- 12.Root becomes editable; enter a unique name for the User Tree, (e.g. Garibaldi Hotel). Click anywhere outside the name, the name is updated as required.
- 13.On the left pane, in Schema Tree, click the node that you want to assign to the User Tree, then drag and drop that node into the User Tree Name as shown below. Make sure the User Tree is highlighted as shown below before you drop the node.

		Logout User 'admin' logged into the system. 30.06.2009
User Tree Tools		Tree Management
		Tree Name : Garibadi Hotel Nodes Save Tree
	Schema Tree	User Tree
	- ABC Hotels	Garibaldi Hotel
	🚽 Star Hotel Base	Garibaldi Hotel Base2
	Star Hotel Base	
	IT Room Fire Alarm	
	IT Room Water Flood	
	IT Room Temperature	
	Garibaldi Hotel Base2	
	Garibaldi Hotel Base2	
	···· Fire Alarm Panel	
	2d Floor Water Flood	
	2d Floor Temperature	
	🖃 - Test Room Base	
	Test Room Base	
	Test Room Fire Alarm	

14.Node is added under User Tree as shown in the example below. You can continue drag&drop as required. When you are done, click **Save Tree**.

	NSPLORER Dement control system Tree Tools		Logou User 'admin' logged into the system. 30.06.20 Tree Manageme
		Tree Name : Garibadi Hotel Nodes	Save Tree
	Schema Tree	User Tree	
	→ ABC Hotels	🖃 - Garibaldi Hotel	
5.Ne	Star Hotel Base Star Hotel Base IT Room Fire Alarm IT Room Water Flood IT Room Temperature Garibaldi Hotel Base2 Garibaldi Hotel Base2 Fire Alarm Panel 2d Floor Water Flood WUSER Tree is added as shown	Garibaldi Hotel Base2 Garibaldi Hotel Base2 Fire Alarm Panel 2d Floor Water Flood 2d Floor Temperature	ldi Hotel Nodes)
SEN			Logou
SEN			
SEN	NSPLORER DIMINIT CONTROL SYSTEM		User 'admin' logged into the system. 30.06.20
Jser T	NSPLORER DIMINIT CONTROL SYSTEM		User 'admin' logged into the system. 30.06.20
Jser T	NSPLORER DNMENT CONTROL SYSTEM Tree Tools		Logou User 'admin' logged into the system. 30.06.20 Tree Manageme
Jser T	INSPLORER Intel Tools ew record Show filtering	Master D	Logou User 'admin' logged into the system. 30.06.20 Tree Manageme
Jser T	Intere Tools ew record Show filtering TreeName	Master D	Logou User 'admin' logged into the system. 30.06.20 Tree Manageme © Refres
Jser T	Intervention Show filtering TreeName Default Tree Default Tree	Master D	Logou User 'admin' logged into the system. 30.06.21 Tree Manageme © Refres
Jser T	SPELORER Tree Tools ew record Show filtering TreeName Default Tree Master Tree	Master D	User 'admin' logged into the system. 30.06.20 Tree Manageme
SENTRO EVVIRO V Ser T Add ne	Irre Tools We record Show filtering TreeName Default Tree Master Tree Garibadi Hotel Nodes Schema Tree	Master D	Logou User 'admin' logged into the system. 30.06.20 Tree Manageme efault efault
SENTRO EVVIRO V Ser T Add ne	Intel Tools TreeName Default Tree Master Tree Garibadi Hotel Nodes	Master D	User 'admin' logged into the system. 30.06.20 Tree Manageme

5 Tree Assignment

16.Click **Tree-> Tree Assignment**. User Group Names are listed. Highlight the User Group you want to assign a tree. Click **Next Page**.

	Logout User 'admin' logged into the system. 30.06.2009
User Tree Tools	Tree Management
User Group Name Show filtering	Tree Name
Garibaldi Hotel IT	Default Tree
Admin	cem
Default	Default Tree

17. Highlight the Tree (e.g. Garibaldi Hotel Nodes) you want to assign to the User Group. Click **Assign**.

User 1	Tree Tools			Tree Manageme
Ŧ Add n	iew record Show filtering			🕝 Refres
	TreeName	Master	Default	
1	Default Tree		Default	
	Master Tree	Master		
1	Garibadi Hotel Nodes			0
	Schema Tree			
1	cem			G
🔹 Add n	new record			🕥 Refre

18. Tree is assigned to user group(s) message appears as shown below.

User T	Tree Tools			Tree Managemen
🕂 Add n	iew record Show filtering			🕞 Refresł
	TreeName	Master	Default	
P	Default Tree			O
P	Master Tree			C
<i>?</i>	Garibadi Hotel Nodes			G
p	Schema Tree			C.
p	cem			0
Add n	iew record			G Refres

Tree is assigned to user group(s).

6 To add a new user

- 1. Click User Operation in menu bar. Click
- 2. Following window appears. Required

+ Add new record

icon. fields are shown

with * sign, they must be filled in. Enter **User Name**, **First Name**, **Last Name**, **Password** and enter password again into **Confirm Password** field. E-mail, Phone Number and GSM number are optional.

								User 'admin' logged i		Logout .06.2009
User Tree To	ools								User Ope	
Drag a column head	er and drop it here	to group by that co	lumn							
🕂 Add new record	Show filtering								Эн	Refresh
User Name	E-Mail	User Group	User Type	First Name	Last N	ame	Language	Assigned Tree	Activated	
User Name:	marco	*		First Name	: I	Varco		*		
Password:	••••	*		Last Name	: .	lones		*		
Confirm Password:	••••	*		Phone Nur	mber:	04456744	48			
E-Mail:	marco@abc.co	n		GSM:	C	09474444	177			
User Group:	Admin 🝷]								
User Type:	User 🔻]								
Language:	English 🔻	J								
	Cancel									
										1
🥒 admin		Admin	Admin User	admin	admin		English	cem		0
Add new record		Admin	User	c	c		English	cem		Refresh
Add new record										terresn

3. Click User Group drop-down menu as shown below to select user group. User uses the selected User Group's Tree in monitoring. (See *Monitoring*.) Click **Insert**.

ser Tree To	ols							User Op	eratio
ag a column heade	r and drop it here	to group by that c	olumn						
Add new record	Show filtering							G	Refres
User Name	E-Mail	User Group	User Type	First Name	Last Name	Language	Assigned Tree	Activated	
ser Name:	marco	*		First Name:	Marco		*		
assword:	••••	*		Last Name:	Jones		*		
onfirm Password:	••••	*		Phone Nun	nber: 0044567	448			
Mail:	marco@abc.cor	n		GSM:	0094744	4477			
er Group:	Admin 🔻)							
er Type:	Admin Garibaldi								
nguage:	Hotel IT								
tivated:	Default								
🖌 Insert 🛛 🗙									
admin		Admin	Admin	admin	admin	English	cem	V	
e c		Admin	User			English			C

7 Tools

In Tools section, you can monitor, process bulk administration and backup.

7.1 Monitoring Definitions

7.1.1 Alarm

If there is an alarm it is indicated by red icon. (e.g. $\doteq 4^{10.1.1.172}$) The alarm path is also indicated in Alarm Panel on the right pane.

7.1.2 Warning

If there is a warning it is indicated by yellow icon. (e.g. $= 4^{10.1.172}$). The alarm path is also indicated in Alarm Panel on the right pane.

7.1.3 Collapse/Expand

You can collapse or expand panels. Left pane collapse/expand can be done as shown below.

1	NURONMEN		RER ROL SYSTEM	м						User 'admin' logged into	the system. 7/2/2009
User	Tree	Т	ools								Monitoring
Panel re	efreshed	at: 1:	47:52 Pf	ч	Ala	rm Panel					
- ▲					Roo	ot>Test Room Base>Te	est Room Base > Temp	erature			
			el Base Fire Ali			rning Panel					
IT Room Water Flood							Ist Floor Temperature >				
Root>Garibaldi Hotel Base2>2d Floor Temperature > Temperature											
			Hotel B		Roo	ot>Test Room Base>Te	st Room Temperature	> Temperature			
	A Test	Roor	n Base		Drag	a column header and (drop it here to group by	/ that column			
	Deluxe Hotel Base										
*	া 🛕 Marco Hotel Base	•		Y	Y	V V	-	Y	Υ		
					1	Marco Hotel Base	1st Floor Temperature	Temperature	WARNING	Temperature	30.39
					1	Test Room Base	Test Room Fire Alarm	Kontak	NORMAL	Input 0	No
					1	Star Hotel Base	Star Hotel Base	Voltage	INACTIVE	Voltage 1	0.00
					1	Deluxe Hotel Base	Fire Alarm Panel	Kontak	NORMAL	Input 1	No
					1	Star Hotel Base	Star Hotel Base	Humidity	NORMAL	Humidity	48.80
					1	Marco Hotel Base	Marco Hotel Base	Temperature	INACTIVE	Temperature	0.00
					1	om Base	Test Room Temperature	Humidity	NORMAL	Humidity	50.95
					Ç	Valdi Hotel	2d Floor Temperature	Humidity	NORMAL	Humidity	38.71
					Collaps	e/expand the left pane	Star Hotel Base	Water Flood	NORMAL	Water Flood	No

Alarm or Warning Panel can be collapsed or expanded as shown below.

Jser	Tree Tools								into the 1 em. 7/2/200
_	Tree Tools								1 Ming
Ala	arm Panel								
Ro	ot>Test Room Base>Tes	t Room Base > Temperature							
Wa	arning Panel								~
Ro	ot>Marco Hotel Base>1s	t Floor Temperature > Tempe	erature						$\Omega/2$
Ro	ot>Garibaldi Hotel Base2	>2d Floor Temperature > Ter	mperature						11/2
Ro	ot>Test Room Base>Tes	t Room Temperature > Temp	erature						2
raq	a column header and dr	op it here to group by that co	lump						
	Node Name	Module Name	Sensor Type	Status	Sensor Name		Sensor Value		Last Update
	Node Name			Status 🗸		Y	Sensor Value	7	Last Update
/		Module Name	Sensor Type			Y	Sensor Value	7	
0	Δ	Module Name	Sensor Type			-		γ	Υ
	Marco Hotel Base	Module Name V 1st Floor Temperature	Sensor Type	WARNING	Temperature		30.39	Ą	01.07.2009 10:56:39
 	Marco Hotel Base Test Room Base	Module Name Ist Floor Temperature Test Room Fire Alarm	Sensor Type	WARNING NORMAL	Temperature Input 0		30.39 No		01.07.2009 10:56:39 01.07.2009 16:54:40
 	Marco Hotel Base Test Room Base Star Hotel Base	Module Name Ist Floor Temperature Test Room Fire Alarm Star Hotel Base	Sensor Type Temperature Kontak Voltage	WARNING NORMAL INACTIVE	Temperature Input 0 Voltage 1		30.39 No 0.00	Δ	01.07.2009 10:56:39 01.07.2009 16:54:40 02.07.2009 13:39:30
 	Marco Hotel Base Test Room Base Star Hotel Base Deluxe Hotel Base	Module Name Y 1st Floor Temperature Test Room Fire Alarm Star Hotel Base Fire Alarm Panel	Sensor Type	WARNING NORMAL INACTIVE NORMAL	Temperature Input 0 Voltage 1 Input 1		30.39 No 0.00 No	Y	V 01.07.2009 10:56:39 01.07.2009 16:54:40 02.07.2009 13:39:30 01.07.2009 10:56:28

7.2 Monitoring

1. Click **Tools->Monitoring**. **Monitoring** window appears as in the example below. On the left pane the hierarchy of the Sensplorer devices are shown, on the right top pane in Warning Panel, the path of the warning is shown. (e.g. ABC Hotels>Verona>Garibaldi Hotel>10.1.1.169)

					,	Jser 'admin' logged into t		
Panel Refreshed at:		arm Panel					Monitoring	
🖅 🛕 Root		ot>Test Room Base>Te	est Room Base > Temp	erature				
		arning Panel						
		Root>Marco Hotel Base>1st Floor Temperature > Temperature						
	Ro	ot>Test Room Base>Te	est Room Temperature	> Temperature				
	Ro	ot>Garibaldi Hotel Bas	e2>2d Floor Temperatu	ire > Temperature				
	Drag	a column header and	drop it here to group by	y that column			e.	
		Node Name	Module Name	Sensor Type	Status	Sensor Name	Sensor Value	
		Y	Y	γ	•	Y	Y	
	1	Marco Hotel Base	1st Floor Temperature	Temperature	WARNING	Temperature	32.13	
	1	Test Room Base	Test Room Fire Alarm	Kontak	NORMAL	Input 0	No	
	1	Star Hotel Base	Star Hotel Base	Voltage	INACTIVE	Voltage 1	0.00	
	1	Deluxe Hotel Base	Fire Alarm Panel	Kontak	NORMAL	Input 1	No	
	1	Star Hotel Base	Star Hotel Base	Humidity	NORMAL	Humidity	44.90	
	1	Marco Hotel Base	Marco Hotel Base	Temperature	INACTIVE	Temperature	0.00	
	1	Test Room Base	Test Room Temperature	Humidity	NORMAL	Humidity	46.32	
	1	Garibaldi Hotel	2d Floor Temperature	Humidity	NORMAL	Humidity	36.04	

2. You can click the plus sign next to the Root and continue clicking plus signs until you reach the alarm location. An example is shown below. The apth of the alarm is also shown under Alarm panel on the right.

Mc	onitori
me Sensor Value	ie
Y	Y
45.49	
1.00	
ure 27.69	

7.3 Reporting

You can get reports by Grouping, Sorting or Filtering according to required fields.

7.3.1 Reporting by Grouping

- 1. You can group according to the columns before taking a report. Click requested header and drag and drop that column header to the "Drag a column header and drop it ..." bar.
- 2. An example is shown below, Node Name and Module Name colum headers are dragged and dropped on to the grey area.

SENSPLORER ENVIRONMENT CONTROL SYSTEM User Tree Tools				User 'admi	in' logged into the system	Logout a. 30.06.2009 Monitoring
Panel refreshed at: 17:15:29 A Root Star Hotel Base A Garibaldi Hotel Base A Test Room Base Test Room Fire Alarm Test Room Water Flood Test Room Temperature A Test Room Temperature A Marco Hotel Base	Alarm Panel Root>Test Room Base>Test Room B Warning Panel Root>Marco Hotel Base>1st Floor T Root>Test Room Base>Test Room T Root>Garibaldi Hotel Base2>2d Floo Node Name A Module Name A	emperature > Temperatu emperature > Temperat	ure	Status	Sensor Name	Sensor Valu
	 Node Name: Test Room B Module Name: Test Test Room Base Test Room Base Get Report 		Humidity Air Quality Temperature	NORMAL INACTIVE ALARM	Humidity Air Quality Temperature	45.49 1.00 27.69

3. Highlight an item as shown below, then Click **Get Report**. !!!!You can select more than one item by clicking **Ctrl** key!!!

						User 'admin' logged i	into the system. 7/1/200			
User Tree Tools							Monitoring			
Panel refreshed at: 5:04:51 PM	Alarm Panel	Alarm Panel								
- A Root → Star Hotel Base	Root>Test Ro	Root>Test Room Base>Test Room Base > Temperature								
🗃 🛕 Garibaldi Hotel Base2	Warning Pane	Warning Panel								
🖃 🛕 Test Room Base	Root>Marco	Root>Marco Hotel Base>1st Floor Temperature > Temperature								
🛕 Test Room Base	Root>Garibal	Root>Garibaldi Hotel Base2>2d Floor Temperature > Temperature								
- Test Room Fire Alarm	Root>Test Ro	Root>Test Room Base>Test Room Temperature > Temperature								
Test Room Water Flood	rree Drag a column	Drag a column header and drop it here to group by that column								
+ Deluxe Hotel Base	Node Na		Module Name	Sensor Type	Status	Sensor Name	Sensor Value			
🖃 🛕 Marco Hotel Base		Y	Y	Y	•	γ	Y			
	🦯 Test Roo	n Base 🔨	Test Room Base	Humidity	NORMAL	Humidity	49.42			
	🧪 🛛 Test Roo	m Base	Room Base	Air Quality	INACTIVE	Air Quality	1.00			
	🥒 🖊 Test Roo	n Base	pom Base	Temperature	ALARM	Temperature	27.59			
	Get Report									

7.3.1.1 Report criteria selection

4. Report window appears.

Select:

- Report Type.
- Date (Today=starting from 00:00 till the time you selected today)
- Begin and End Date:here you can set beginning date and time and ending date and time.
- Sorting filters enables you to sort in ascending or descending order.
- Report Fields enables you to omit or include required data columns.
- Show Node Path enables you to show path of the node. If you want to see the node path, tick the checkbox.

SENSPLORER ENVIRONMENT CONTROL SYSTEM	REPO
Report Type : Sensor Status	
Date: Select Begin Date: Image: Optimized state	
End Date : 🔤 🔞	
□ Sensor Status	
Report Fields	
♥ Node Name ♥ Module Name ♥ Sensor Name ♥ Sensor Value ♥ Sensor Status □ Alarm □ Warning ♥ Creation Date Node Path □ Show Node Path	
Report	
K C of > > I 100% Export to the selected format Export 🚱 🚔	

5. Click **Report**. Following window appears.

				Report		
	> > 100%	Export to	the selected format	Export 😘 🛢	1	
	7/1/2009 5:12:04 PM					
Node Path : Root>	Test Room Base>Tes Base:	st Room				
Node Name	Module Name	Sensor Name	Sensor Value	Sensor Status	Creation Date	
Test Room Base	Test Room Base	Humidity	49.42	NORMAL	01.07.2009 16:55:01	
Test Room Base	Test Room Base	Humidity	49.42	NORMAL	01.07.2009 16:54:20	
Test Room Base	Test Room Base	Humidity	49.45	NORMAL	01.07.2009 16:53:40	
Test Room Base	Test Room Base	Humidity	49.45	NORMAL	01.07.2009 16:53:00	
Test Room Base	Test Room Base	Humidity	49.48	NORMAL	01.07.2009 16:52:20	
Test Room Base	Test Room Base	Humidity	49.48	NORMAL	01.07.2009 16:51:40	
Test Room Base	Test Room Base	Humidity	49.52	NORMAL	01.07.2009 16:51:00	
Test Room Base	Test Room Base	Humidity	49.52	NORMAL	01.07.2009 16:50:20	
Test Room Base	Test Room Base	Humidity	49.48	NORMAL	01.07.2009 16:49:40	
Test Room Base	Test Room Base	Humidity	49.48	NORMAL	01.07.2009 16:49:00	
Test Room Base	Test Room Base	Humidity	49.48	NORMAL	01.07.2009 16:48:20	
Test Room Base	Test Room Base	Humidity	49.49	NORMAL	01.07.2009 16:47:40	
Test Room Base	Test Room Base	Humidity	49.52	NORMAL	01.07.2009 16:46:50	
Test Room Base	Test Room Base	Humidity	49.55	NORMAL	01.07.2009 16:46:10	
Test Room Base	Test Room Base	Humidity	49.55	NORMAL	01.07.2009 16:45:30	
Test Room Base	Test Room Base	Humidity	49.58	NORMAL	01.07.2009 16:44:50	
Test Room Base	Test Room Base	Humidity	49.58	NORMAL	01.07.2009 16:44:10	
Test Room Base	Test Room Base	Humidity	49.58	NORMAL	01.07.2009 16:43:29	

6. You can export to Acrobat PDF, CSV, Excel, RTF, TIFF or Web Archive as shown below. You can also print as the report is seen on window by clicking print icon.

0 0						
nsor Status 💿 asc 🔘	desc					
nsor Value 💿 asc 🔿	desc					
t Fields	uese					
de Name 🗹 Module Name		annor Value 🔽 Sanor	v Status) = to	
	Cosensor Name Cos				Jale	
Path Iow Node Path						
low Node Path						
			R	teport		
1 of 123	> > 100%		ne selected format	🗙 Export 😘 🗧		
		Export to the Acrobat (Pl CSV (comme Excel Rich Text F	na delimite	nsor Statu	S	7/1/2009 5:12:04 PM
Node Path : Root>	Test Room Base>Tes Base: Module Name	st Rood Web Archiv	Sensor Value	Sensor Status	Creation Date	
Test Room Base	Test Room Base	Humidity	49,42	NORMAL	01.07.2009 16:55:01	
Test Room Base	Test Room Base	Humidity	49.42	NORMAL	01.07.2009 16:54:20	
			10.15			
Test Room Base	Test Room Base	Humidity	49.45	NORMAL	01.07.2009 16:53:40	
Test Room Base Test Room Base	Test Room Base Test Room Base	Humidity Humidity	49.45	NORMAL	01.07.2009 16:53:40 01.07.2009 16:53:00	
Test Room Base	Test Room Base	Humidity	49.45	NORMAL	01.07.2009 16:53:00	
Test Room Base Test Room Base	Test Room Base Test Room Base	Humidity Humidity	49.45 49.48	NORMAL NORMAL	01.07.2009 16:53:00 01.07.2009 16:52:20	
Test Room Base Test Room Base Test Room Base	Test Room Base Test Room Base Test Room Base	Humidity Humidity Humidity	49.45 49.48 49.48	NORMAL NORMAL NORMAL	01.07.2009 16:53:00 01.07.2009 16:52:20 01.07.2009 16:51:40	
Test Room Base Test Room Base Test Room Base Test Room Base	Test Room Base Test Room Base Test Room Base Test Room Base	Humidity Humidity Humidity Humidity	49.45 49.48 49.48 49.52	NORMAL NORMAL NORMAL NORMAL	01.07.2009 16:53:00 01.07.2009 16:52:20 01.07.2009 16:51:40 01.07.2009 16:51:00	
Test Room Base Test Room Base Test Room Base Test Room Base Test Room Base	Test Room Base Test Room Base Test Room Base Test Room Base Test Room Base	Humidity Humidity Humidity Humidity Humidity	49.45 49.48 49.48 49.52 49.52	NORMAL NORMAL NORMAL NORMAL NORMAL	01.07.2009 16:53:00 01.07.2009 16:52:20 01.07.2009 16:51:40 01.07.2009 16:51:00 01.07.2009 16:50:20	
Test Room Base Test Room Base Test Room Base Test Room Base Test Room Base Test Room Base	Test Room Base Test Room Base Test Room Base Test Room Base Test Room Base Test Room Base	Humidity Humidity Humidity Humidity Humidity Humidity	49.45 49.48 49.48 49.52 49.52 49.52 49.48	NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL	01.07.2009 16:53:00 01.07.2009 16:52:20 01.07.2009 16:51:40 01.07.2009 16:51:00 01.07.2009 16:50:20 01.07.2009 16:49:40	
Test Room Base Test Room Base Test Room Base Test Room Base Test Room Base Test Room Base Test Room Base	Test Room Base Test Room Base Test Room Base Test Room Base Test Room Base Test Room Base Test Room Base	Humidity Humidity Humidity Humidity Humidity Humidity Humidity	49.45 49.48 49.48 49.52 49.52 49.48 49.48	NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL	01.07.2009 16:53:00 01.07.2009 16:52:20 01.07.2009 16:51:40 01.07.2009 16:51:00 01.07.2009 16:50:20 01.07.2009 16:49:40 01.07.2009 16:49:00	
Test Room Base Test Room Base	Test Room Base Test Room Base	Humidity Humidity Humidity Humidity Humidity Humidity Humidity Humidity	49,45 49,48 49,48 49,52 49,52 49,48 49,48 49,48	NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL	01.07.2009 16:53:00 01.07.2009 16:52:20 01.07.2009 16:51:40 01.07.2009 16:51:00 01.07.2009 16:50:20 01.07.2009 16:49:40 01.07.2009 16:49:00 01.07.2009 16:48:20	
Test Room Base Test Room Base	Test Room Base Test Room Base	Humidity Humidity Humidity Humidity Humidity Humidity Humidity Humidity Humidity	49,45 49,48 49,48 49,52 49,52 49,48 49,48 49,48 49,48 49,49	NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL	01.07.2009 16:53:00 01.07.2009 16:52:20 01.07.2009 16:51:40 01.07.2009 16:51:00 01.07.2009 16:50:20 01.07.2009 16:49:40 01.07.2009 16:49:00 01.07.2009 16:48:20 01.07.2009 16:47:40	
Test Room Base Test Room Base	Test Room Base Test Room Base	Humidity Humidity Humidity Humidity Humidity Humidity Humidity Humidity Humidity Humidity	49,45 49,48 49,48 49,52 49,52 49,48 49,48 49,48 49,48 49,49 49,52	NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL	01.07.2009 16:53:00 01.07.2009 16:52:20 01.07.2009 16:51:40 01.07.2009 16:51:00 01.07.2009 16:50:20 01.07.2009 16:49:40 01.07.2009 16:49:00 01.07.2009 16:48:20 01.07.2009 16:47:40 01.07.2009 16:46:50	

7.3.2 Reporting by Sorting

1. You can sort according to the columns before taking a report. Click requested header as shown below (Click when you see hand icon over column header). Page will be refreshed and items will be sorted in ascending order. If you click again items will be sorted in descending order.

er Tree Tools							Monitorin			
nel refreshed at: 1:57:44 PM	Ala	irm Panel								
A Root	Ro	ot>Test Room Base>Te	est Room Base > Temp	erature						
Star Hotel Base	14/-	raing Danel								
IT Room Fire Alarm		Warning Panel								
IT Room Water Flood			1st Floor Temperature							
IT Room Temperature			e2>2d Floor Temperati							
Garibaldi Hotel Base2	Ro	ot>Test Room Base>T	est Room Temperature	> Temperature						
🕰 Test Room Base	Drag	a column header and	drop it here to group b	y that column						
- Deluxe Hotel Base		Node Mome	Module Name	Sensor Type	Status	Sensor Name	Sensor Value			
🗠 🛕 Marco Hotel Base			Y	Υ	•	Y				
	1	Marca pase	1st Floor Temperature	Temperature	WARNING	Temperature	30.39			
	1	Test Room Base	Test Room Fire Alarm	Kontak	NORMAL	Input 0	No			
	1	Star Hotel Base	Star Hotel Base	Voltage	INACTIVE	Voltage 1	0.00			
	1	Deluxe Hotel Base	Fire Alarm Panel	Kontak	NORMAL	Input 1	No			
	1	Star Hotel Base	Star Hotel Base	Humidity	NORMAL	Humidity	48.80			
	1	Marco Hotel Base	Marco Hotel Base	Temperature	INACTIVE	Temperature	0.00			
	1	Test Room Base	Test Room Temperature	Humidity	NORMAL	Humidity	50.95			
	-	Garibaldi Hotel Base2	2d Floor Temperature	Humidity	NORMAL	Humidity	38.71			
	1	Star Hotel Base	Star Hotel Base	Water Flood	NORMAL	Water Flood	No			

Items will be sorted in ascending order as shown below.

						User 'admin' logged into	Logout				
User Tree Tools						oor contraction	Monitoring				
Panel refreshed at: 2:04:19 PM	Ala	arm Panel									
🖅 🛕 Root	Ro	Root>Test Room Base>Test Room Base > Temperature									
	Wa	Warning Panel									
	Ro	ot>Marco Hotel Base>	1st Floor Temperature	> Temperature							
	Ro	ot>Garibaldi Hotel Bas	e2>2d Floor Temperat	ure > Temperature							
	Ro	ot>Test Room Base>Te	est Room Temperature	> Temperature							
	Drag	Drag a column header and drop it here to group by that column									
		Node Name 🔺	Module Name	Sensor Type	Status	Sensor Name	Sensor Value				
		Y	Y	Y	•	Y	Y				
	1	Deluxe Hotel Base	Fire Alarm Panel	Kontak	NORMAL	Input 1	No				
	1	Deluxe Hotel Base	Deluxe Hotel Base	Temperature	INACTIVE	Temperature	0.00				
	1	Deluxe Hotel Base	IT Room Water Flood	Water Flood	NORMAL	Water Flood	No				
	1	Deluxe Hotel Base	IT Room Temperature	Temperature	NORMAL	Temperature	25.73				
	1	Deluxe Hotel Base	Fire Alarm Panel	Kontak	NORMAL	Input 0	No				
	P	Deluxe Hotel Base	IT Room Temperature	Humidity	NORMAL	Humidity	55.08				
	1	Garibaldi Hotel Base2	2d Floor Temperature	Humidity	NORMAL	Humidity	38.71				

2. Click the row to highlight or if you want more than one item as shown below, you can select by clicking **Ctrl** key.

Roo Roo	ot>Garibaldi Hotel Bas	1st Floor Temperature e2>2d Floor Temperat est Room Temperature	ure > Temperature						
)rag	a column header and	drop it here to group b	y that column						
	Node Name Module Name Sensor Type Status Sensor Name Sensor Value								
	Y	Y	γ		•				
1	Deluxe Hotel Base	Fire Alarm Panel	Kontak	NORMAL	Input 1	No			
1	Deluxe Hotel Base	Deluxe Hotel Base	Temperature	INACTIVE	Temperature	0.00			
P	Deluxe Hotel Base	IT Room Water Flood	Water Flood	NORMAL	Water Flood	No			
j	Deluxe Hotel Base	IT Room Temperature	Temperature	NORMAL	Temperature	25.73			
1	Deluxe Hotel Base	Fire Alarm Panel	Kontak	NORMAL	Input 0	No			
1	Deluxe Hotel Base	IT Room Temperature	Humidity	NORMAL	Humidity	55.08			
1	Garibaldi Hotel Base2	2d Floor Temperature	Humidity	NORMAL	Humidity	38.71			
1	Garibaldi Hotel Base2	Garibaldi Hotel Base2	Temperature	NORMAL	Temperature	32.04			
1	Garibaldi Hotel Base2	Fire Alarm Panel	Kontak	NORMAL	Input 0	No			
1	Garibaldi Hotel Base2	Garibaldi Hotel Base2	Humidity	NORMAL	Humidity	36.94			

3. Click **Get Report**. (Popup blocked warning may appear, click Always allow popups for this site.)

SENSPLORER ENVIRONMENT CONTROL SYSTEM	REPO
Report Type : Sensor Status Date : Select Begin Date :	
End Date : Imin (2) Sorting Filters Sensor Status (2) asc (2) desc Sensor Value (2) asc (2) desc	
Report Fields ☑ Node Name ☑ Sensor Value ☑ Sensor Status □ Alarm □ Warning ☑ Creation Date Node Path □ Show Node Path	
Report	

4. Continue with **Report criteria selection7.3.1.1**.

7.3.3 Reporting by Filtering

1. You can filter according to a word and filtering criteria (begins with, contains, etc.) before taking a report. Enter the word you want to use for filtering (e.g. room). Click requested filter icon as shown below.

				User 'admin' logged into	Logout					
User Tree Tools							Mo	onitoring		
Panel refreshed at: 2:17:09 PM	Ala	ırm Panel								
🖅 🛕 Root	Ro	ot>Test Room Base>T	est Room Base > Temp	erature						
	Wa	irning Panel								
	Ro	Root>Marco Hotel Base>1st Floor Temperature > Temperature								
	Ro	Root>Garibaldi Hotel Base2>2d Floor Temperature > Temperature								
	Ro	ot>Test Room Base>T	est Room Temperature	> Temperature						
	Drag	a column header and	drop it here to group b	y that column						
		Node Name	Module Name	Sensor Type	Status	Sensor Name	Sensor V	alue		
		room	Y	Y	•	Y		Y		
	1	Marco Hotel Base	rature	Temperature	WARNING	Temperature	30.39			
	1	Test Room Base	om Fire Alarm	Kontak	NORMAL	Input 0	No			
	1	Star Hotel Base	Star Hotel Base	Voltage	INACTIVE	Voltage 1	0.00			
	1	Deluxe Hotel Base	Fire Alarm Panel	Kontak	NORMAL	Input 1	No			
	1	Star Hotel Base	Star Hotel Base	Humidity	NORMAL	Humidity	49.36			
	1	Marco Hotel Base	Marco Hotel Base	Temperature	INACTIVE	Temperature	0.00			
	10	Test Room Base	Test Room Temperature	Humidity	NORMAL	Humidity	50.95			
	1	Garibaldi Hotel	2d Floor Temperature	Humidity	NORMAL	Humidity	38.71			

2. Filtering logic criteria appears, let's select **Contains** as an example.

T B	WIRONMENT		M						User 'admin' logged into t		
User	Tree	Tools								Мо	onitoring
Panel re	freshed a	t: 2:27:35 P	М	Ala	rm Panel						_
H - A	Root			Roc	ot>Test Room Base>	Fest Room Base > Temperature					
				Wa	rning Panel						
				Roo	ot>Marco Hotel Ba	No Filter					
				Roo	ot>Garibaldi Hotel	Contains	ıre				
				Roo	ot>Test Room Base	Does Not C in					
				Drag	a column header a	Starts W					
					Node Name	Ends With		Status	Sensor Name	Sensor Va	alue
					room	Equal To	V		Y		Y
						Not Equal To					
				1	Marco Hotel Base	Greater Than		WARNING	Temperature	30.39	
					Test Room Base	Less Than		NORMAL	1 10	No	
				1	Test Room Base	Greater Than Or Equal To		NORMAL	Input 0	INO	
				1	Star Hotel Base	Less Than Or Equal To		INACTIVE	Voltage 1	0.00	
				1	Deluxe Hotel Base	Between		NORMAL	Input 1	No	
				1	Star Hotel Base	Not Between		NORMAL	Humidity	49.45	
				1	Marco Hotel Base	Is Empty		INACTIVE	Temperature	0.00	
				1	Test Room Base	Not Is Empty Is Null		NORMAL	Humidity	50.95	
					Caribaldi Hatal	Not Is Null					
					Garibaldi Hotel	Not Is Null Temperature		NORMAL	Humidity	38.71	

3. Page will be refreshed. Items containing "room" will be filtered as shown below.

						User 'admin' logged into	Logout the system. 7/2/2009			
User Tree Tools							Monitoring			
Panel refreshed at: 2:29:06 PM	Ali	arm Panel								
🖅 🛕 Root	Ro	ot>Test Room Base>Te								
	Wa	arning Panel								
	Ro	ot>Marco Hotel Base>:	1st Floor Temperature :	 Temperature 						
	Ro	ot>Garibaldi Hotel Bas	e2>2d Floor Temperatu	re > Temperature						
	Ro	ot>Test Room Base>Te	est Room Temperature	> Temperature						
	Drag	Drag a column header and drop it here to group by that column								
		Node Name	Module Name	Sensor Type	Status	Sensor Name	Sensor Value			
		room	Y	Y	-	Y	Y			
	. /	Test Room Base	Test Room Fire Alarm	Kontak	NORMAL	Input 0	No			
	1	Test Room Base	Test Room Temperature	Humidity	NORMAL	Humidity	50.95			
	1	Test Room Base	Test Room Base	Humidity	NORMAL	Humidity	49.42			
	1	Test Room Base	Test Room Temperature	Temperature	WARNING	Temperature	28.12			
	1	Test Room Base	Test Room Base	Air Quality	INACTIVE	Air Quality	1.00			
	1	Test Room Base	Test Room Fire Alarm	Kontak	NORMAL	Input 1	No			
	1	Test Room Base	Test Room Water Flood	Water Flood	NORMAL	Water Flood	No			

4. Highlight item(s) then Click **Get Report**. (Popup blocked warning may appear, click Always allow popups for this site.)

SENSPLORER ENVIRONMENT CONTROL SYSTEM	REPO
Report Type : Sensor Status Date : Select Begin Date :	
End Date :	
□ Sensor Status ③ asc ○ desc	
Sensor Value ③asc ○ desc Report Fields Run	
Mode Name Module Name Sensor Name Sensor Value Sensor Status Alarm	
Report	
K C of > > 100% K Export to the selected format K Export to	

5. Continue with **Report criteria selection7.3.1.1**.

7.4 Bulk Administration

Bulk Administration enables you apply multiple changes for selected sensors with a single command.

1. Click **Tools->Bulk Administration**. Following window appears.

		Logout User 'admin' logged into the system. 7/1/2009
User Tree Tools		Bulk Administration
Update Sensors		
Select Sensors Where		
Node HWID 🗸 Contains 🗸	1	
	00-00-04-F5	
	00-00-04-F5 00-00-05-11	
	00-00-04-F1 00-00-04-E3	
Add to Query AND OR	View Query Result Clear Query	
All the Sensors will be selected if there is no qu	iery builded	
	nina 🕶 ahulin ann an	
Step 2		

2. You can select according to Node HWID, Module Name, Module HWID, Sensor Name or Node Name,

		Logout User 'admin' logged into the system. 7/2/2009
User Tree Tools		Bulk Administration
Update Sensors		
Select Sensors Where Node HWID Module HWID Sensor Name Add to Query AND OR All the Sensors will be selected if there is no q	00-00-04-F5 00-00-05-11 00-00-04-F1 00-00-04-E3	
Step 2		

and according to letters it contains, equals to, begins with or ends with.

	Logout
ENVIRONMENT CONTROL SYSTEM	User 'admin' logged into the system. 7/2/2009
User Tree Tools	Bulk Administration
Update Sensors	
Select Sensors Where Node HWID Contains Contains 00-00-04-F5 Equals To 00-00-05-11 Begins With 00-00-04-F1 On-00-04-F3 V	
Add to Query AND OR View Query Result Clear Query	
All the Sensors will be selected if there is no query builded Step 2	

3. Click **Add to Query**. An example is shown below. (e.g. Module Name Contains Fire Alarm Panel is selected and Add to Query is clicked)

	Logout User 'admin' logged into the system. 7/2/2009
User Tree Tools	Bulk Administration
Update Sensors	
Select Sensors Where	
Module Name Contains Fire Alarm Panel Fire Alarm Panel Fire Alarm Panel IT Room Water Flood Royal Hotel Base Garibaldi Hotel Base Garibaldi Hotel Base Add to Query AND OR View Query Result Clear Query	
Module Name Contains 'Fire Alarm Panel'	
All the Sensors will be selected if there is no query builded Step 2	

- 4. Click Step2.
- 5. Sensor Values and related data will be seen, here you can activate or deactivate a sensor, set time delay, low and high values of the sensors. An example is shown below.

		Logout
		User 'admin' logged into the system. 7/2/2009
User Tree Tools		Bulk Administration
Sensor Type : TEMPERATURE		
Sensor Name : Fire Alarm Temp.	✓ Warning Low : 25	°C
☑ Is Active : ☑	Varning High : 80	°⊂
Time Delay : 10	Alarm Low : 15	°⊂
	Alarm High : 81	°C
Sensor Type : HUMIDITY		
Sensor Name :	Warning Low :	т
Is Active :	Warning High :	rH
Time Delay :	Alarm Low :	rH
	Alarm High :	rH
Sensor Type : AIR QUALITY		
Sensor Name :	Warning Low :	ppm
Is Active :	Warning High :	ppm
Time Delay :	Alarm Low :	ppm
	Alarm High :	ppm
Sensor Type : WATER FLOOD		
Sensor Name :		

6. When you are sure about the changes, click **Update**.

7.5 Backup

You can backup your Sensplorer system daily, weekly monthly.

 Click Tools->Backup. Following window appears. If there is a record added before, click edit icon if you want to modify. Click Add new record to add backup details.

	ENT CONTROL SYSTEM	User 'admin' log	logout gged into the system. 7/2/200
🕂 Add new	v record		🕝 Refresh
	Start Date	Repeat Type	
1	2009-07-03 02:49	Daily	0
🕂 Add new	v record		🕝 Refresh
estination Pat	th : c:\backup\		

2. Following window appears. Click calendar icon to select **Start Date**, click clock icon to select time. Click Repeat Type drop-down menu and select repeating time.

ser Tree	Tools		
Add new reco	ord		🕞 Refresl
	Start Date	Repeat Type	
epeat Type: Dai	ly Cancel		
0	2009-07-03 02:49	Daily	O.
Add new reco	ord		😋 Refres

3. Click Insert. New record appears as shown below.

User Tre	SPLORER MENT CONTROL SYSTEM	Logout User 'admin' logged into the system. 7/2/2009
+ Add nev	w record	G Refresh
	Start Date	Repeat Type
1	2009-07-03 02:49	Daily
1	2009-07-22 10:00	Daily
🕂 Add nev	w record	😋 Refresh
Destination Pa	ath : c:\backup23	
Save		

- 4. Enter destination path as C:\Backup Folder Name.
- 5. Click Save.

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