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2 Installation

For Web Client Installation, please refer to Mainconsole User Manual v6.0 and above.

System Limitation:
- NUUO Web Client support Report Service on Mainconsole 6.0 and above only.
- Video live view and playback is compatible with Internet Explorer only.
  The web browser is compatible with Windows: IE (9 and above), Google Chrome, Firefox
- and Mac Safari.
- If user do not enable the IVS on server, the device list will not be shown in report service.
  The default recycle will start when the hard disk space is lower than 20%, the recycle will
- stop until the space is higher then 20%.

3 WebClient

Web Client is a web base client can use in any user's PC.
It is designed for the easy use of live viewing, playback, and IVS report generation with
multiple servers.

Web Client provides centralized management for numerous devices, servers, users,
with the numerous reports display for centralized viewing, to help users get the IVS report
efficiently.

3.1 Login

1. Open the NUUO Web Client Login page by entering the local IP address( 127.0.0.1 : port
 ) on the browser.
- Enter the user name and password which is the same as the mainconsole to log in.
• You might select the language you want to log in

### Table of Content

<table>
<thead>
<tr>
<th>Graphic icon</th>
<th>Description</th>
</tr>
</thead>
</table>
| ![Video Liveview](image) | ➢ Video live view  
➢ See the live view though Remote Live Viewer  
➢ To enable this feature, please open by Internet Explorer |
| ![Video Playback](image) | ➢ Video playback  
➢ See the playback though Remote Live Viewer  
➢ To enable this feature, please open by Internet Explorer |
| ![Report Service](image) | ➢ Report Service  
➢ Display and generate Report, then send via FTP/Email/download to local site.  
➢ To enable this feature, please open initiate from mainconsole > Network Service > Report Service |

#### 3.2 Video Liveview

Press this icon to use video liveview which functions are the same as Remote Live Viewer. Video live view is compatible with Internet Explorer only.

See page **Mainconsole User Manual** in page 131 for details.
3.3  Video Playback

Press this icon to use video playback which functions are the same as Remote Live Viewer. Video playback is compatible with Internet Explorer only. See page Mainconsole User Manual in page 138 for details.

3.4  Report Service

Understanding NUUO Web Client’s user interface helps you navigate the software without any problem. Once you are familiar with the Web Client, you can jump seamlessly within the software.

3.4.1  How to generate report

When the users log into report service, please follow the following step to generate reports:

Step 1:
Select Report Type and Device

Step 2:
Select Time Section

**Step 3:**
Select Graphic Type

**Step 4:**
Advanced Setting

**Step 5:**
Template Setting

### 3.4.1.1 Select Report Type and Device

**Report Type:**
There are two types of the report type — **Counting report** and **Heat map report**. Counting includes 4 graphic types of report, and heat map includes 1 graphic type of report. The report type can be selected only one type in one time.

- Counting Report:
<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bar graphic</td>
<td>Display bar chart report type</td>
</tr>
<tr>
<td>Line graphic</td>
<td>Display line chart report type</td>
</tr>
<tr>
<td>Pie graphic</td>
<td>Display pie chart report type</td>
</tr>
<tr>
<td>Data graphic</td>
<td>Display data table type</td>
</tr>
</tbody>
</table>

- Heat map Report:

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat map</td>
<td>Display heat map report type</td>
</tr>
</tbody>
</table>

**Device:**

After selecting the report type, you can select multiple devices to generate the report you need.

The NUUO Web client support multiple servers. you can select the devices from multiple servers in the same time.

For multiple server list setting, please refer to **Server list Setting** section.
3.4.1.2 Select Time Section

1. To generate the report, you will need to select the time interval, there are 4 modes of time frame you can choose:

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
</table>
| Day     | Default Time frame set to Day  
|         | The time will be auto set from 0:00 to present time |
| Week    | Default Time frame set to Week  
|         | The time will be auto set to week from Monday to present time |
| Month   | Default Time frame set to Month  
|         | The time will be auto set to month from 1st to present time |
| Others  | You can select the special time interval you want, with our any default setting. |

The time can not be set over the system time, otherwise, it will be returned to default setting.
2. After set up the time period, please press reload to refresh the report time frame you want:

3. After press generate / reload the report, there will be the snapshot to display the device present view, each device will show 1 snapshot.
3.4.1.3 Select Graphic Type

According to the different report type, you can select the report graphic type you need in order to generate report:

1. Select graphic chart type:
• Counting report graphic type: (with 4 graphic type)

• Bar graphic:

• Display bar chart report type
• Display highest people counting
• Display lowest people counting
• Display average people counting
• Display total people counting
• Display different device counting with different color
• Support **merge feature**
• Support sub-graph to compare same device in different time
Line graphic:

- Display line chart report type
- Display highest people counting
- Display lowest people counting
- Display average people counting
- Display total People counting
- Display different device counting with different color
- Support **merge feature**
- Support sub-graph to display same device in different time comparison

Pie graphic:

- Display pie chart report type
- Display total People counting
- Display different device counting with different color
- Support **merge feature**
- Support sub-graph to compare same device in different time

Data Table:
• Display data table type
• Display total people counting with time interval
• Display different device counting with different color
• Support merge feature
• Support sub-graph to compare same device in different time

Heat map Report: (With only 1 graphic type)

• Display heat map report type
• Support only one device in a time
• Show different color to represent different people counting density in one device
• Support sub-graph to compare same device in different time

3.4.1.4 Graphic Advanced Setting

Graphic Setting:
Press the icon to show the setting dialog:

• Time section:
  User can choose to display how many time sections will be show up in the graphic, the different time frame will have different time section:
WebClient User Manual

- Day: Including 4 time section settings: 1 hour / 2 hour / 3 hour / 4 hour.
- Week: Including 2 time section settings: 12 hour / 24 hour.
- Month: Including 4 time section settings: 2 day / 3 day / 5 day / 7 day.
- Other: Including 1 time section setting only: Every 1/10

- Counting section:
  User can determine to divide the people counting into how many count sections will be show up in the graphic, the scope is from minimum 5 to maximum 20.

- Graphic merge setting:
  User can use this feature to compare different devices counting in the same time, the max merge devices is 5.
  There will be 2 merge mode:

- **Auto merge**: The system will automatically merge the same device counting type together
  - if it is not the same counting type, it will show the warning message:
    - Some counters will not be merged together due to the counter type is different.

- **Manual Merge**: User can merge the counting data manually by pressing the "+" icon:
  - The counting data can not be merged if the data is already been merged before.
  - You may press the icon on merge interface to de-merge the counting data.

  ![Merge Screen](image)

  - if not the same counting type, it will show warning massage:
    - Some counters will not be merged together due to the counter type is different.)
Advance setting: **Sub-graph**

After generate the graphic report on the view, you can compare the same devices in the different time as follows:

1. Press the enter icon to the sub graph:

   ![NUUO Web Client](image)

2. Select the time you want with same devices for comparison:
• Can generate unlimited sub graphs.
• At sub graph mode, other function will be disabled, if you want to go back for other operation, please press the icon to close the Sub graph.
3.4.1.5 Template Setting

Through template, user can save all the settings without re-configure again, the maximum number of template is 10.
User may press the icon to edit the template setting as following icon table:

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Icon" /></td>
<td>Save the template</td>
</tr>
<tr>
<td><img src="image2" alt="Icon" /></td>
<td>Edit the template</td>
</tr>
<tr>
<td><img src="image3" alt="Icon" /></td>
<td>Download the template</td>
</tr>
</tbody>
</table>
1. Save the template:
User may save the template with a name as below information in detail:
- Device list
- Time frame
- Graphic type

The save templates will be automatically synced with auto send report setting.

2. Template editor:
User may select unnecessary templates and delete:
3. Download report:
User can download the templates through three ways:
- FTP
- Email
- Download to local

User can download the template with different file format:
Password lock:
• User can set up a password to lock the document.

3.4.2 Report Configuration

Before generate the report, there are some configurations can be set up to help users to use the report service more efficiently.

• Auto Send Report Service
• Server List Setting
• FTP/Email Setting

3.4.2.1 Auto Send Report Setting

User may generate at most 10 auto send report templates with the different naming by edit the title:
Through **Auto Send Report Setting**, users can choose when, and who will receive the report in the time they want:

1. Send the email through the format as below:

   - **Email**: When select Email, you can select the recipient from the email list. The email list is generated through sync to server/ manual enter, for more details please refer to FTP/Email setting.

   - **Select file through Email**:

   - **Select recipient**:
• **FTP**
When select FTP, you can set up the FTP through sync to server/ manual enter, for more details please refer to FTP/Email setting

• Select file through FTP:

![FTP Setting](image)

• FTP Setting:

![FTP Setting](image)

2. File format:
Command | Description  
---|---  
Counting Data | Only display the data in number type with time  
  - Support Microsoft excel (.xlsx)  
  - Support Comma separated values (.csv)  
Full report | Including snapshot, graphic, heat map, and data in number  
  - PDF format  
  - Graphic for bar chart, line chart, and pie chart  

3. File password lock:  
User can set up the password for privacy use:  

4. Time to send report:  
User may set up a special time mode to send the report in three mode:
Daily: Daily send the report with set up time automatically

Weekly: Weekly send the report with set up time automatically

Monthly: Monthly send the report with set up time automatically

User can select the template in the template list:

![Image of the template selection interface in the WebClient User Manual]
6. User can determine to send the report with snapshot or not, the default setting is disable:
3.4.2.2 Server List Setting

The NUUO Web Client supports multiple servers; you can add servers with IVS channels in order to generate the report you want.

1. Press the icon to add Server with the following information:
- Server name
- Server IP/Port(WAN)
- Server IP/Port(LAN)
- Server Type
  - Select the server you use.
- Username
  - Enter the same user name as you use in the server
- Password
  - Enter the same user password as you use in the server
- Test connection
  - Check the connection status

2. After you fill up the server setting, you can choose to select all or select the server you want to display on the report:

![Server settings](image)

3. You can edit or remove the server by pressing the icon below:

![Edit/Remove icon](image)

💡 Please make sure to enable IVS service on server side to show the device list on report service accordingly.
3.4.2.3 FTP/Email Setting

FTP setting:

To set up the FTP, user can choose two ways:
- Synchronize server's setting
- Manual enter the FTP information

Email Setting:
To set up the email, user can choose two way:

- Press the icon  to synchronize to server’s setting then it will pop up the window with two options:
  - Reset the email setting back to server setting
  - Save the current setting

- Press the icon to manual enter the FTP information:

![FTP/Email Setting]

![Synchronize server (Local Host) setting]
3.4.3 Account Management

Through pressing the account, you will find 2 option as below:

<table>
<thead>
<tr>
<th>Graphic Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>User manual</td>
<td>Open the Web Client User Manual</td>
</tr>
<tr>
<td>Log out</td>
<td>Log out the Web Client</td>
</tr>
</tbody>
</table>