



WebInteract CMS User's Manual

Central Monitoring System
for
Pixel Systems

Product Documentation that's Simple to Navigate™

This is the WebInteract Central Monitoring Help document. Other resources include:

Controller Specific Manuals

Maintenance & Troubleshooting Training Manual provided in conjunction with Factory and Customer Site technical training classes

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1 CMS Overview

Pixel Systems are Pixel Simplex or Pixel Groupless equipped with a machine room PC. The CMS or central monitoring software is used to monitor multiple Pixel Systems from a single location. The CMS will provide the following features:

1. Managing multiple Pixel Systems from a central location
 - a. System management of system features
 - b. Manage WebInteract login usernames and passwords.
 - c. Make remote hall calls and car calls.
2. Monitoring of multiple Pixel Systems from a central location
 - a. Monitor faults and errors.
 - b. Monitor multiple Pixel Systems' car movements.
 - c. Zoom into on a specific Pixel Systems and perform all the functionality of a browser-based client for WebInteract.
 - d. Access reports and notifications done through WebInteract or the CMS interface to WebInteract.

2 CMS to Pixel Interact Group Communication Use Cases

The CMS server consists of a single server PC which may or may not reside locally to Pixel Groups. The CMS communicates to Pixel Interact PCs which are each connected to a single controller group. Access from the CMS to the Interact PC groups through an internal or external network. This section shows the monitoring options that are support.

2.1 Dedicated network of WebInteract and CMS machines

The CMS server and Pixel Systems (WebInteract Machine PCs) can reside in its own isolated dedicated network. The CMS and Pixel Systems will be assigned IP addresses using a static IP allocation scheme.

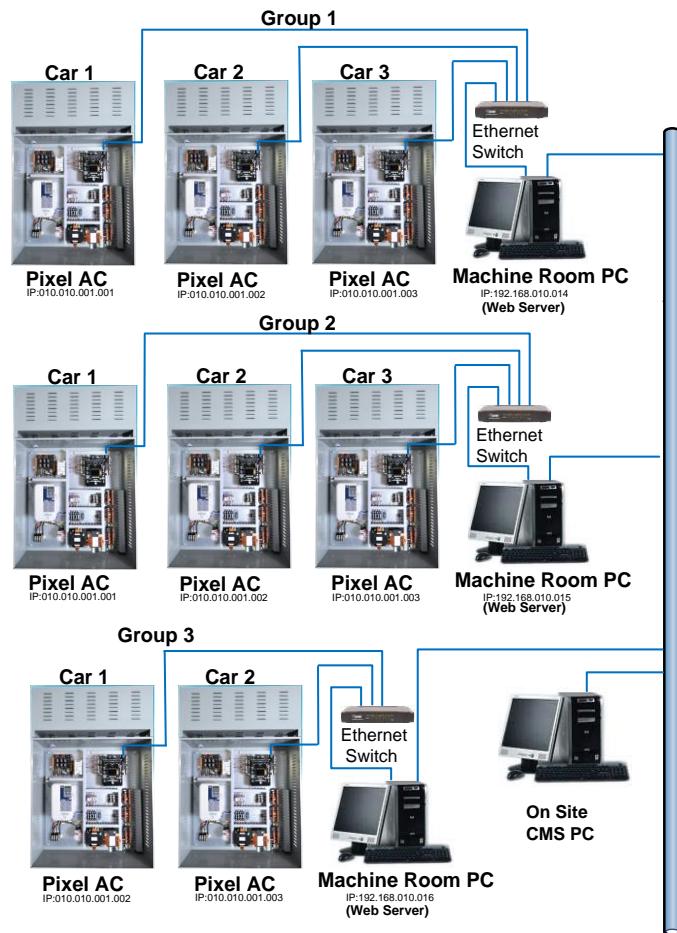


Figure 1. CMS and Pixel Systems all residing on a Dedicated Network

2.2 Locally networked WebInteract Pixel Systems and CMS machines

The CMS server can also reside within the firewall of the same network as the Pixel System. Only Browsers within the same internal network as the WebInteract Machine Room PCs will be able to use CMS.

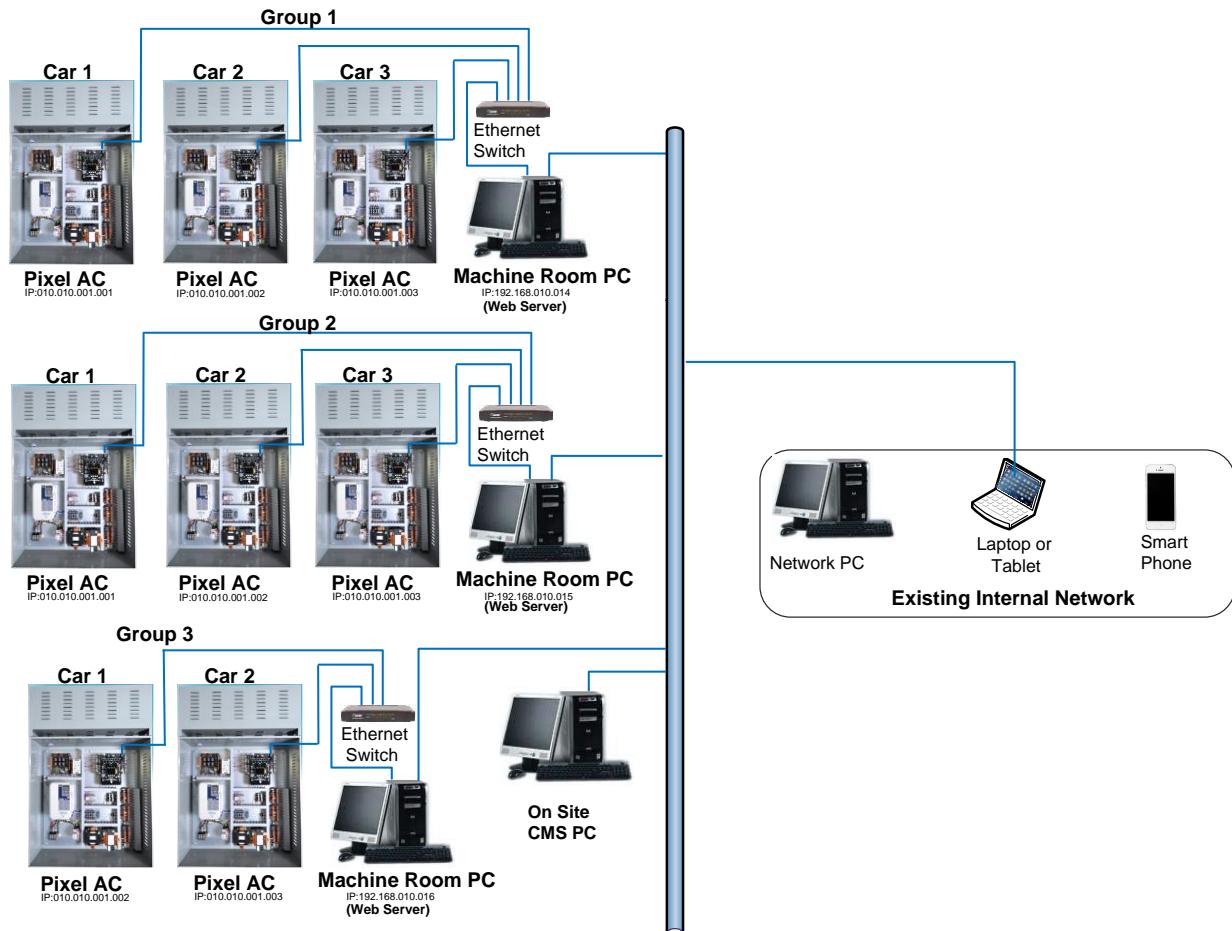


Figure 2. CMS and Pixel Systems all residing in an Internal Network

2.3 Pinhole access to all WebInteract Pixel systems and CMS machines

The CMS Server resides externally from all Pixel Systems at a well-known internet IP and port with Web Service support. All Pixel Systems will also have a pinhole IP and port address. The CMS PC will communicate to the remote Pixel Systems via pinhole of each Pixel device.

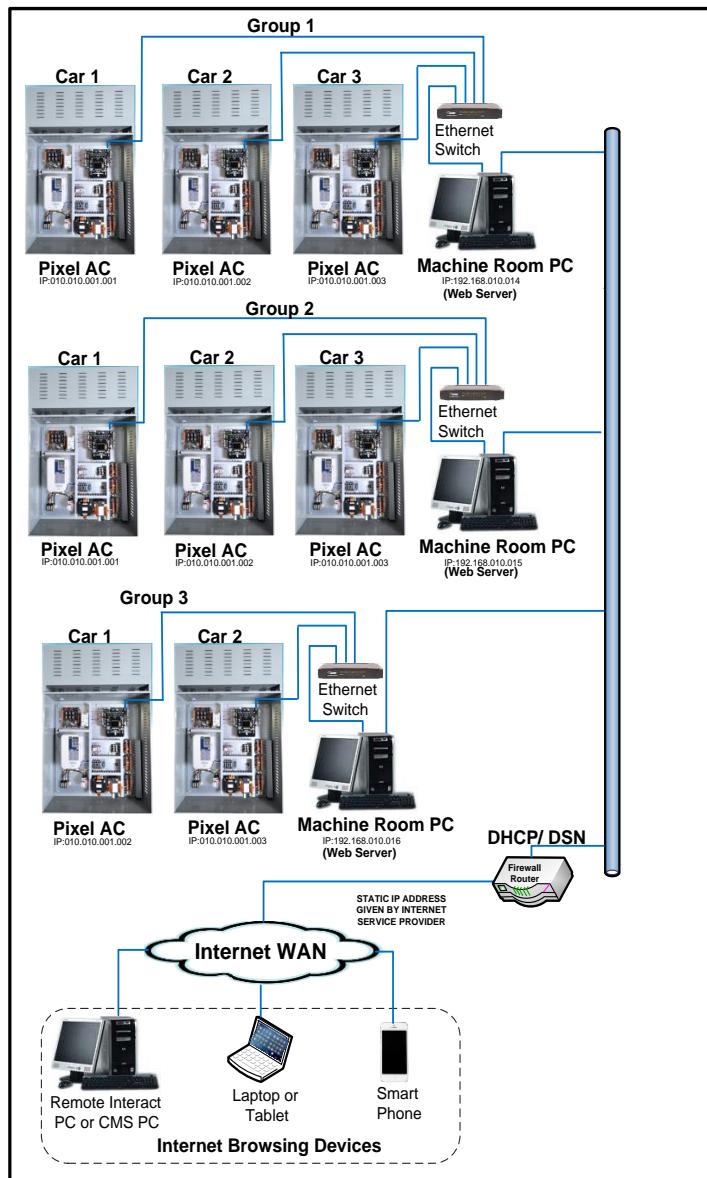


Figure 3. CMS and Remote Pixel Systems Spread Out over the Internet

3 CMS Internet IP and Port Setup

An WebInteract CMS/PC is defined to be any WebInteract Machine Room PC or CMS PC. For the CMS to function correctly, every WebInteract/CMS PC has an IP/Port combination that is visible to the other WebInteract/CMS PCs. The IP/Port combination must come from within the same internal network or from be exposed to the outside WebInteract via port forwarding/pinholes.

3.1 Option 1: CMS IP Addressing for a dedicated internal network

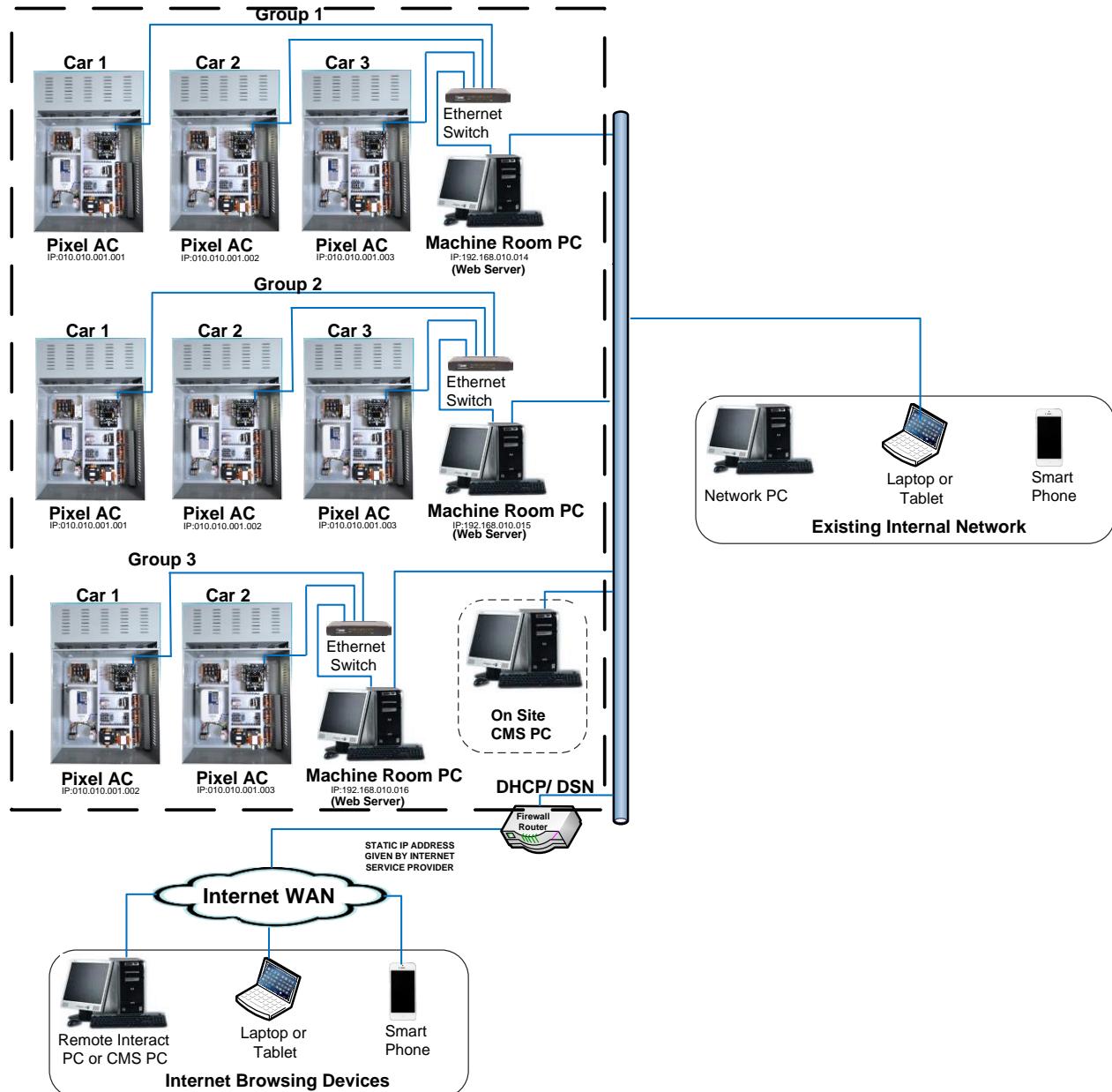


Figure 4. CMS IP Addressing for a dedicated internal network

The CMS PC is equipped with one Ethernet port for remote monitoring, which is unlabeled. The setup for a dedicated network does not require network administrator assistance. The CMS PC will all be assigned static IP addresses as follows:

1. Go into Control Panel → Network and Internet → Network and Sharing Center → Change adapter Settings.
2. Right click on the Adapter labeled “Local Area Connection”.
3. Click on Internet Protocol Version 4(TCP/IPv4).
4. Click on Properties.
5. For every CMS PC, assign the IP addresses on CMS PC as follows:
 - a. IP Address of 192.168.1.201 to the 1st CMS PC.
 - b. IP Address of 192.168.1.202 to the 2nd CMS or Remote PC.
 - c. IP Address of 192.168.1.203 to the 3rd CMS or Remote PC.
 - d. Repeat so that each CMS PC has a unique IP address in the range 192.168.1.201 to 192.168.1.209 for up to 9 CMS PCs.
6. Browsers can access the CMS PC via Interact using the Static IP address assigned to the MR-PC at https://STATIC_IP:8443/WebInteract where STATIC_IP is the IP Address given by the network administrator in step 5. For example, to access Interact on the 1st CMS PC, open a browser to <https://192.168.1.201:8443/WebInteract>.

3.2 Option 2: CMS IP Addressing for a local CMS PC on an existing network

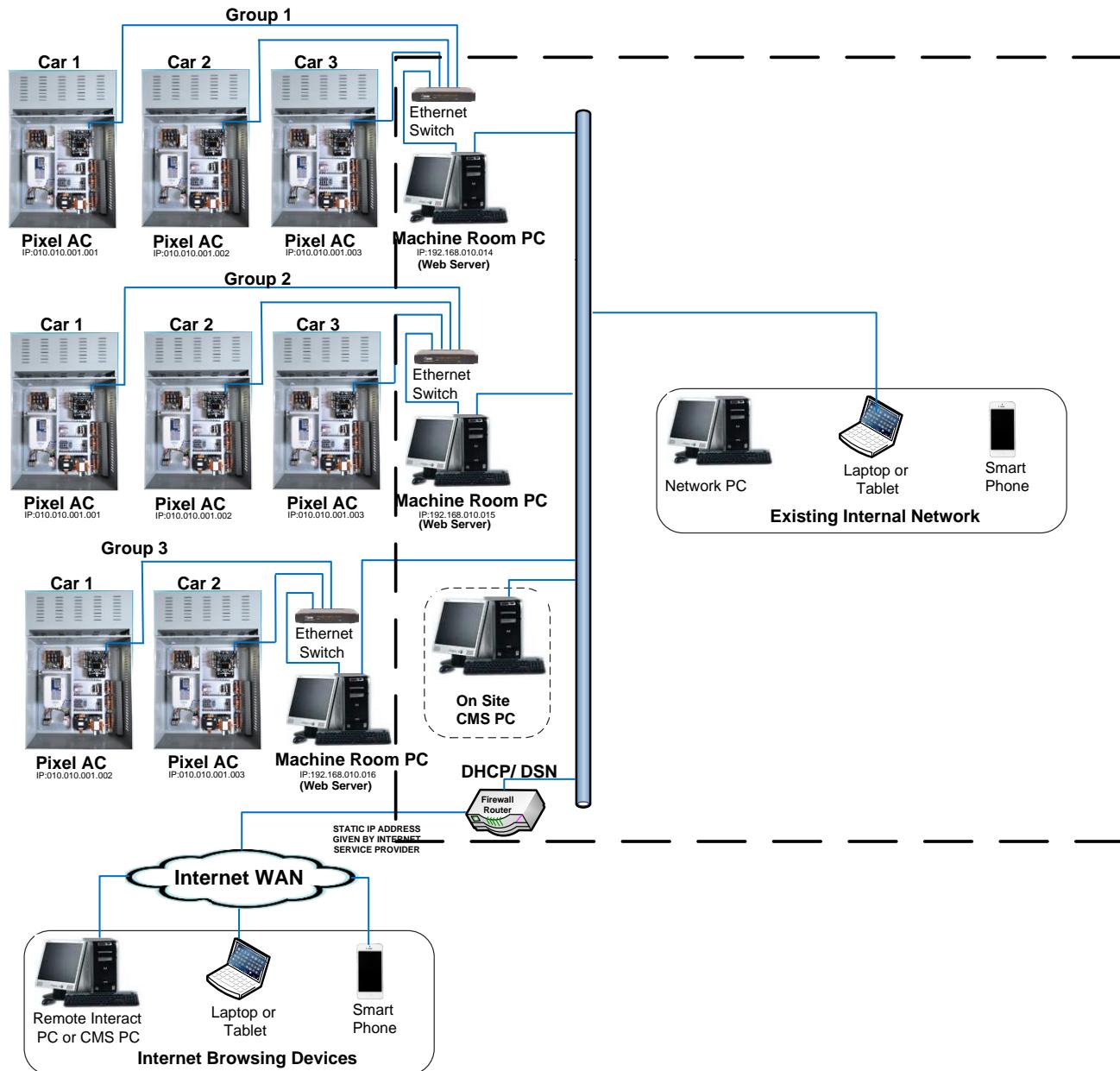


Figure 5. CMS IP Addressing on an existing internal network

The CMS PC is equipped with one Ethernet port for remote monitoring, which is unlabeled. In this case, the CMS is part of an existing network and usually requires the IP address to be given by the network administrator. The IP address will need to be assigned as follows:

1. Go into Control Panel -> Network and Internet -> Network and Sharing Center -> Change adapter Settings.
2. Right click on the Adapter labeled “Local Area Connection”.

3. Click on Internet Protocol Version 4(TCP/IPv4)
4. Click on Properties.
5. Setup the PRIVATE_STATIC_IP as instructed by the network administrator.

| Network Administrator | IP Address | IP Port |
|---------------------------|--|---|
| Private Static IP Address | PRIVATE_STATIC_IP To be provided by network administrator | 8443 fixed by Interact software for secure SSL web services |

6. Browsers within the same internal network which have network access to the CMS PC can access the CMS-PC at **https://PRIVATE_STATIC_IP:8443/WebInteract** where PRIVATE_STATIC_IP was given by the network administrator in step 5.

3.3 Option 3: CMS IP Addressing for a remote CMS

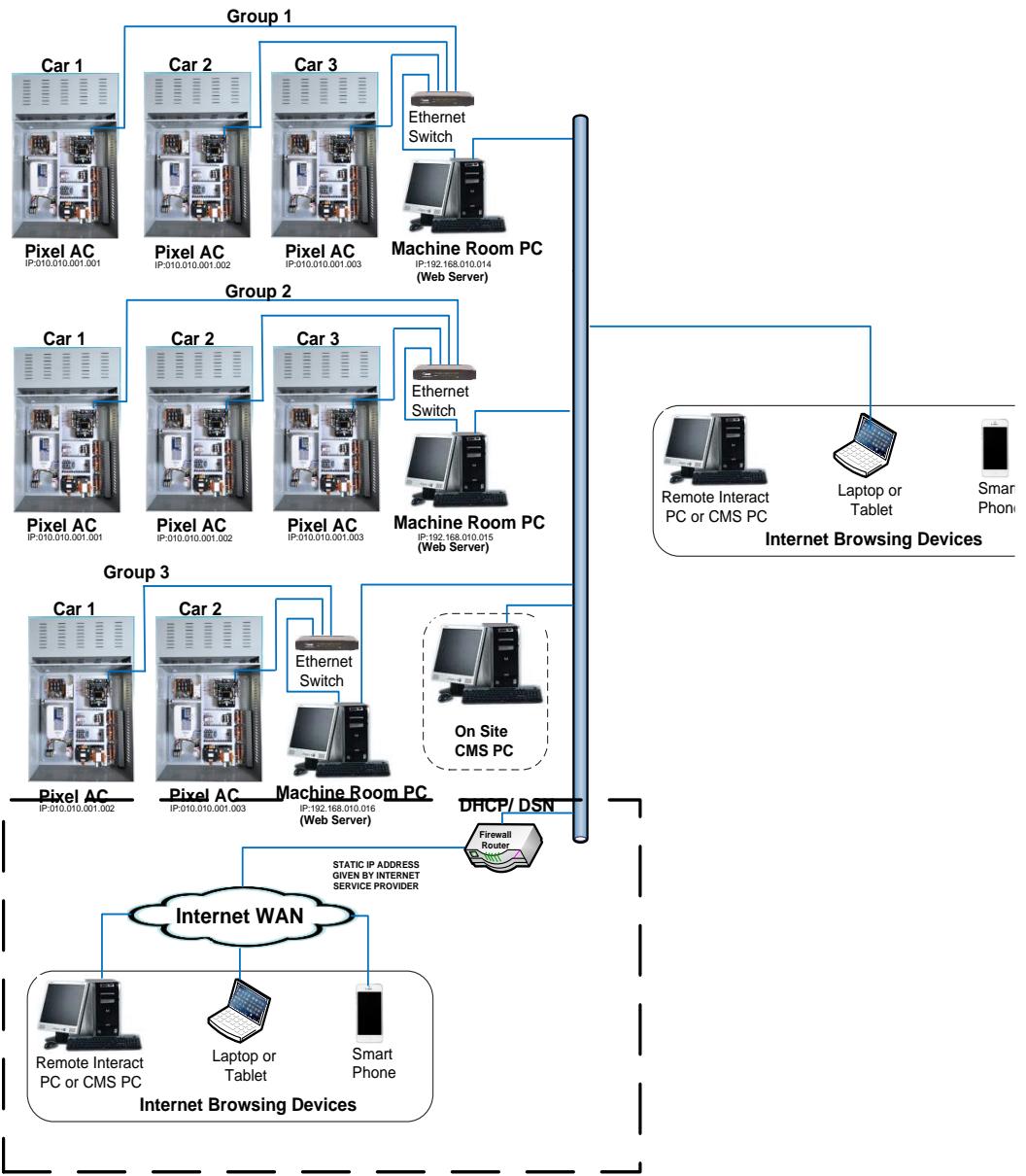


Figure 6. CMS IP Addressing for a remote CMS PC

The CMS PC is equipped with one Ethernet port for remote monitoring. In this case, the CMS is to be accessed remotely and will require an external pinhole IP address and port. The CMS PC IP address will need to be assigned as follows:

1. Go into Control Panel -> Network and Internet -> Network and Sharing Center -> Change adapter Settings.
2. Right click on the Adapter labeled "Local Area Connection".
3. Click on Internet Protocol Version 4(TCP/IPv4).
4. Click on Properties.

5. Setup the PRIVATE_STATIC_IP as instructed by the network administrator. The network administrator should also provide the user with an external static pinhole IP and port addresses associated with this private static IP address.

For example, the network administrator could assign the Private Static IP Address: 192.168.1.201. The network administrator will need to associate this port to an external pinhole IP Address and Port combination. This pinhole IP/port (PINHOLE_STATIC_IP and PINHOLE_STATIC_PORT) is provided by the network administrator and will be used to remotely access the CMS PC from the external internet.

| Network Administrator | IP Address | IP Port |
|---------------------------------------|--|--|
| Private Static IP Address | PRIVATE_STATIC_IP To be provided by network administrator | 8443 fixed by WebInteract software for secure SSL web services |
| Public static pinhole IP Address/Port | PINHOLE_STATIC_IP to be provided by network administrator | PINHOLE_STATIC_PORT To be provided by network administrator |

6. Setup the notification account through WebInteract. Both phone number and email address are required but the user can select whether both or one of the methods are used for sending notifications.
7. Tripping an event on the controller sends out an SMS notification.
8. Browsers on an external network can access WebInteract on the CMS-PC using the Pinhole Static IP address and port assigned to the CMS-PC by the network administrator in step 5:

https://PINHOLE_STATIC_IP:PINHOLE_STATIC_PORT/WebInteract

4 CMS Initial Configuration

Initial Configuration Procedure for CMS (Central Monitoring System) and Remote MR-PC (Machine Room WebInteract PCs). The configuration procedures are described for the Chrome Browser.

4.1 Gather information on the CMS and Remote Pixel Systems.

Before configuration, fill out the information in the following table. With this information, the CMS PC can be configured and synced with information already residing in the remote Pixel Systems (Machine Room PCs).

| | Description | CMS or MR-PC IP | CMS or MR-PC Port | Username | Password |
|-----|-------------|-----------------|-------------------|----------|----------|
| CMS | CMS | | | | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
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| 29 | | | | | |
| 30 | | | | | |

The IP and Port are either:

- a. An external PinHole IP/Port combination if the CMS needs to monitor Pixel Systems across the internet.
- b. An internal IP if the CMS only needs to monitor within an internal intranet.

Example 1

CMS and 4 Remote Pixel Systems within a building internal network. Note how all the IP addresses are in the building 192.10.14.X subnet.

| Description | CMS or MR-PC IP | CMS or MR-PC Port | Username | Password |
|----------------|-----------------|-------------------|----------|----------|
| CMS | 192.10.14.61 | 8443 | cmsadmin | elevator |
| 2 car sim | 192.10.14.218 | 8443 | customer | elevator |
| 2 car sim | 192.10.14.109 | 8443 | customer | elevator |
| 3 car traction | 192.10.14.20 | 8443 | customer | elevator |
| 2 car hydro | 192.10.14.67 | 8443 | customer | elevator |

Example 2

CMS and 4 Remote Pixel Systems within an isolated dedicated network. Note how all the IP addresses are in the 192.168.1.X subnet and follow the static IP addressing convention described in this document.

| Description | CMS or MR-PC IP | CMS or MR-PC Port | Username | Password |
|----------------|-----------------|-------------------|----------|----------|
| CMS | 192.168.1.201 | 8443 | cmsadmin | elevator |
| 2 car sim | 192.168.1.101 | 8443 | customer | elevator |
| 2 car sim | 192.168.1.102 | 8443 | customer | elevator |
| 3 car traction | 192.168.1.103 | 8443 | customer | elevator |
| 2 car hydro | 192.168.1.104 | 8443 | customer | elevator |

Example 3

CMS and 4 Remote Pixel Systems are spread across the internet at different sites. Note how the IP address appear random and require assistance from an IT administrator to setup and provide the IP address and port information.

| Description | CMS or MR-PC IP | CMS or MR-PC Port | Username | Password |
|----------------|-----------------|-------------------|----------|----------|
| CMS | 121.121.121.121 | 8443 | cmsadmin | elevator |
| 2 car sim | 123.123.123.123 | 1001 | customer | elevator |
| 2 car sim | 124.124.124.124 | 1002 | customer | elevator |
| 3 car traction | 125.125.125.125 | 8443 | customer | elevator |
| 2 car hydro | 126.126.126.126 | 8443 | customer | elevator |

4.2 Enable Remote Access for modifications/additions of CMS Pixel Systems via remote Machine Room PC

1. The "Allow Remote Access" checkbox must be checked to configure the CMS remotely.
2. If the "Allow Remote Access" checkbox in the Edit View is unchecked, then configuration can only be done with physical access or secure access directly to the CMS PC.

4.3 Login to the CMS PC

1. Enter URL of CMS Machine in the format

https://CMS_IP_ADDRESS:CMS_PORT/WebInteract

Where **CMS_IP_ADDRESS** is the IP Address (either internal or external pinhole IP address)

and the **CMS_Port** is the Port (default 8443 if internal, or either an internal or external pinhole IP address).

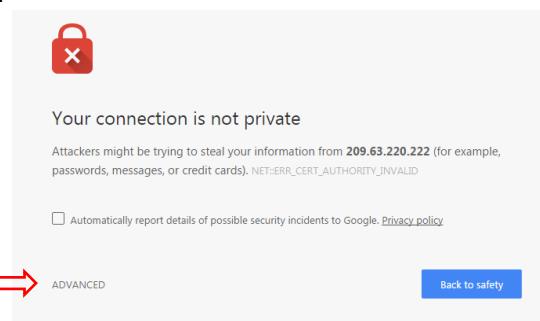
e.g. <https://209.63.220.222:8007/WebInteract>

NOTE:

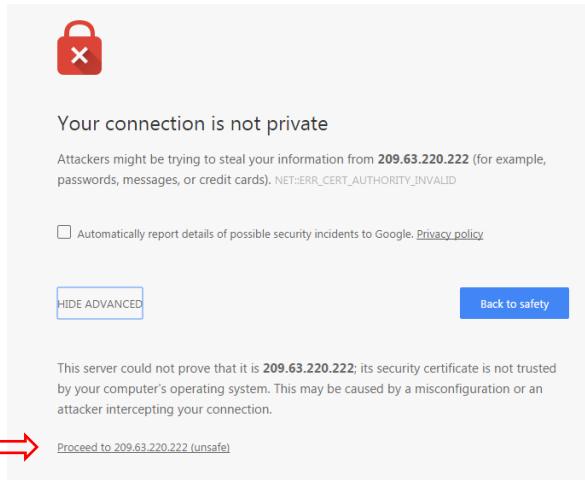
When logging onto the CMS PC using the **secure port 8443, (URL starting with HTTPS:// instead of HTTP:// indicates secure port usage)** any Machine Room PC registered with the CMS PC must also use a **secure port URL**. The Machine Room PCs will not be viewable and will not communicate if they are registered with an unsecured port.

When you login onto the CMS PC using an **unsecure port 8080 (HTTP://)** any registered Machine Room PCs can be either HTTPS:// or HTTP:// connections.

2. For the first time we connect to a CMS or WebInteract MR-PC, we need to approve the secure connection.
- a. Click on Advanced.



- b. Click on Proceed to CMS_IP_ADDRESS (unsafe).



c. *Ignore the warning that it is unsafe. Normally, giving the permission to connect securely needs to be done once. This is a warning that we are trying to establish a secure connection, but someone may be pretending to be the destination. It is safe to accept this is a secure connection knowing that this should result in CMS WebInteract communication. If someone did try to hijack the destination IP/Port, then we would know because of the inability to communicate to a remote MR-PC or remote CMS and steps can be taken to secure the connection.*

3. The user will be directed to the CMS Login Window. Login with the username/password. By default, the username will be “cmsadmin” and the password will be “elevator”.

WebInteract CMS Login

| | |
|---|--------------------------|
| Username | <input type="text"/> |
| Password | <input type="password"/> |
| <input type="button" value="Login"/> <input type="button" value="Default"/> <input type="button" value="Help"/> | |

4. Once the user is logged in and the CMS Select View Window is loaded. Click on the “Edit View” button to begin configuration of the CMS.

WebInteract CMS Select View

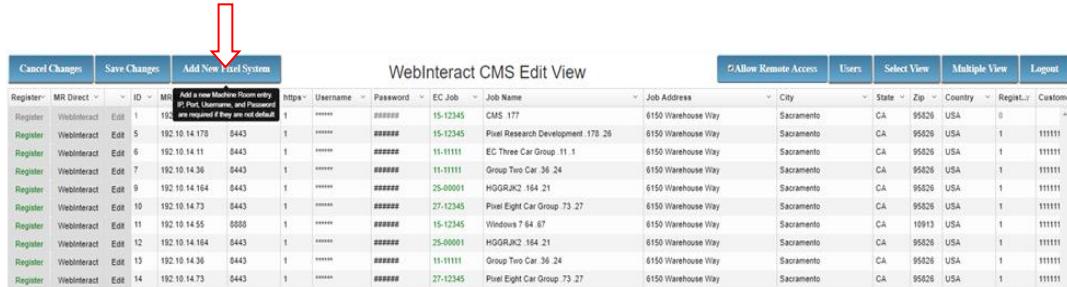
| ID | EC Job | Job Name | Address | City | State | Zip | Country | ServerIP | Port | Job |
|----|----------|-----------------------------------|--------------------|------------|-------|-------|---------|---------------|------|--------|
| 1 | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.177 | 8443 | 111111 |
| 5 | 15-12345 | Pixel Research Development_178_26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.178 | 8443 | 111111 |
| 8 | 11-11111 | EC Three Car Group_11..1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.11 | 8443 | 111111 |
| 7 | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 |
| 9 | 25-00001 | HGQRJH2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 |
| 10 | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 |
| 11 | 15-12345 | Windows_7_64_67 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 192.10.14.55 | 8000 | 111111 |
| 12 | 25-00001 | HGQRJH2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 |
| 13 | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 |
| 14 | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 |

5. This will take us to the CMS Edit View Window. During the initial configuration of CMS, we start with an empty list except for the first row. This first row cannot be deleted and displays the information for the CMS PC itself. The Site Details fields for remote MR-PCs can be edited here.

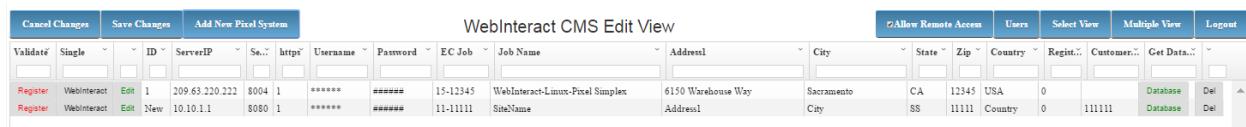
WebInteract CMS Edit View

| Cancel Changes | | Save Changes | | Add New Pixel System | | WebInteract CMS Edit View | | | | | | | | | | Allow Remote Access | | Users | | Select View | | Multiple View | | Logout | |
|----------------|-------------|--------------|----------|----------------------|---------|---------------------------|----------|--------|----------|---------------------------------|--------------------|------------|-----|---------|-----------|---------------------|-------------|----------|-----|-------------|--|---------------|--|--------|--|
| Validate | Single | ID | ServerIP | Se... | http:// | Username | Password | EC Job | Job Name | Address | City | State | Zip | Country | Regist... | Customer... | Get Data... | Database | Del | ... | | | | | |
| Register | WebInteract | Edit | 1 | 209.63.220.222 | 8004 | | ***** | ***** | 15-12345 | WebInteract-Linux-Pixel Simplex | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 0 | | | | | | | | | |

6. Add additional Pixel Systems by clicking on the “Add New Pixel System” button. Every addition creates a row loaded with default values. The individual fields can be edited directly. When all the desired fields have been updated, user saves the changes to the CMS database by clicking the “Save Changes” button. The “Cancel Changes” button will remove all unsaved changes from the table. If the user leaves the CMS Edit Page, a dialog will pop up to prompt if the user wishes to save or discard any changes.



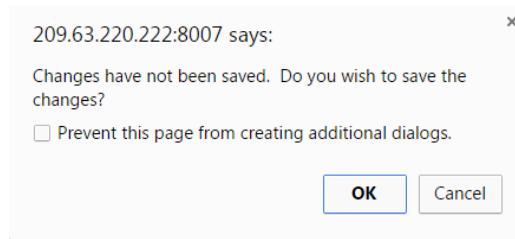
| Cancel Changes | Save Changes | Add New Pixel System | WebInteract CMS Edit View | | | | | | | | | | | | Allow Remote Access | Users | Select View | Multiple View | Logout |
|----------------|--------------|----------------------|---------------------------|--|------|--|-------|----------|----------|----------|-----------------------------------|--------------------|------------|-------|---------------------|---------|-------------|---------------|--------|
| Register | MR Direct | ID | MR | Add a new Machine Room entry (IP Port, Username, and Password are required if they are not default.) | | | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Regist.. | Customer.. | |
| Register | WebInteract | Edit | 1 | 192.16.14.178 | 8443 | | 1 | ***** | ***** | 15-12345 | CMS 177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | 111111 | |
| Register | WebInteract | Edit | 5 | 192.16.14.178 | 8443 | | 1 | ***** | ***** | 15-12345 | Pixel Research Development 178 26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | |
| Register | WebInteract | Edit | 6 | 192.16.14.11 | 8443 | | 1 | ***** | ***** | 11-11111 | EC Three Car Group 11.1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | |
| Register | WebInteract | Edit | 7 | 192.16.14.36 | 8443 | | 1 | ***** | ***** | 11-11111 | Group Two Car 36 24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | |
| Register | WebInteract | Edit | 9 | 192.16.14.164 | 8443 | | 1 | ***** | ***** | 25-00001 | HGGRK2 164 21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | |
| Register | WebInteract | Edit | 10 | 192.16.14.73 | 8443 | | 1 | ***** | ***** | 27-12345 | Pixel Eight Car Group 73 27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | |
| Register | WebInteract | Edit | 11 | 192.16.14.55 | 8080 | | 1 | ***** | ***** | 15-12345 | Windows 7 64 87 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 1 | 111111 | |
| Register | WebInteract | Edit | 12 | 192.16.14.164 | 8443 | | 1 | ***** | ***** | 25-00001 | HGGRK2 164 21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | |
| Register | WebInteract | Edit | 13 | 192.16.14.36 | 8443 | | 1 | ***** | ***** | 11-11111 | Group Two Car 36 24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | |
| Register | WebInteract | Edit | 14 | 192.16.14.73 | 8443 | | 1 | ***** | ***** | 27-12345 | Pixel Eight Car Group 73 27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | |



| Cancel Changes | Save Changes | Add New Pixel System | WebInteract CMS Edit View | | | | | | | | | | | | Allow Remote Access | Users | Select View | Multiple View | Logout |
|----------------|--------------|----------------------|---------------------------|----------------|-------|----------|----------|--------|----------|---------------------------------|--------------------|------------|-----|---------|---------------------|------------|-------------|---------------|--------|
| Validat.. | Single | ID | ServerIP | Se.. | https | Username | Password | EC Job | Job Name | Address | City | State | Zip | Country | Regist.. | Customer.. | Get Data.. | | |
| Register | WebInteract | Edit | 1 | 209.63.220.222 | 8004 | 1 | ***** | ***** | 15-12345 | WebInteract-Linux-Pixel Simplex | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 0 | 111111 | Database | Del |
| Register | WebInteract | Edit | New | 10.10.1.1 | 8080 | 1 | ***** | ***** | 11-11111 | SiteName | Address | City | SS | 111111 | Country | 0 | 111111 | Database | Del |

7. To save time, the user only needs to enter the minimum required fields. After each MR-PC is successfully registered, CMS will automatically update the rest of the details taken from MR-PC.

- Fill in the following minimum required information for each remote MR-PC:
 - Server IP in the form xxx.xxx.xxx.xxx. e.g. 209.63.220.222
 - Server Port in the form of a decimal number 1 to 65535
 - https field should be set to 1 (default) for secure communications.
 - Username string. e.g. “customer”.
 - Password string. e.g. “elevator”.
- Clicked “Save Changes”.
- Click on “WebInteract” button to bring up a WebInteract connection in a new window. WebInteract must function properly for CMS to work. Accept the secure connection and login using the MR-PC username and password. If there are problems communicating to the MR-PC via WebInteract, then troubleshoot using the steps normally used to establish communications with WebInteract to the MR-PC.
- If the above step is successful, then register should work without problems. Click on the “Register” button and continue with the next steps.
- Once the user hits the “Register” button, If changes have not been saved yet via the “Save Changes” button then CMS will detect any modifications and bring up a dialog shown in the below figure. The user will be asked if they wish to save their changes. Click on “OK” if we want to save and continue or “Cancel” to cancel registration. Only the minimum site details in the CMS database and the remote MR-PC are required to match for a user to monitor a remote MR-PC. If the user wishes to sync all other information to the CMS PC, click on “OK” to complete registration. A user may want a different JobName description for the CMS PC or may not want to sync other information from the MR-PC site. In this case user can cancel and skip the registration.



12. Another dialog will pop up to signify that the latest changes have been saved to the CMS database. Click "OK" to continue.

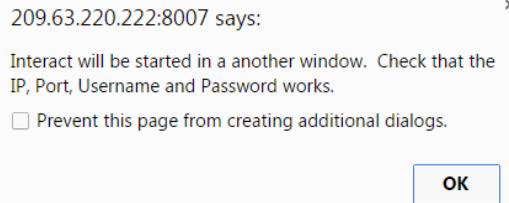


13. Note that the "Register" button will change from red to green if Registration has completed successfully. If the register check fails, then use the "WebInteract" button to troubleshoot why we cannot communicate to the remote MR-PC. Once the "Register" button is green, then the CMS becomes the master and its version of the data will be synced with the remote Machine Room PC. Only during the initial "Register" when the button is red, does the CMS extract the information from the Machine Room PC.

| WebInteract CMS Edit View | | | | | | | | | | | | | | | Allow Remote Access | Users | Select View | Multiple View | Logout |
|---------------------------|-------------|------|----------|----------------|-------|----------|----------|--------|----------|---------------------------------|--------------------|------------|-----|---------|---------------------|------------|--|--|--------|
| Validate | Single | ID | ServerIP | Se.: | https | Username | Password | EC Job | Job Name | Address1 | City | State | Zip | Country | Regist.: | Customer.: | Get Data.: | | |
| Register | WebInteract | Edit | 1 | 209.63.220.222 | 8004 | 1 | ***** | ***** | 15-12345 | WebInteract-Linux-Pixel Simplex | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 0 | Database | Del | |
| Register | WebInteract | Edit | 8 | 209.63.220.222 | 8001 | 1 | ***** | ***** | 15-12345 | WebInteract-Linux 218 Sim | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 1 | 111111 | Database | Del |
| Register | WebInteract | Edit | 9 | 209.63.220.222 | 8002 | 1 | ***** | ***** | 15-12345 | WebInteract Hydro | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 1 | 111111 | Database | Del |
| Register | WebInteract | Edit | New | 209.63.220.222 | 8003 | 1 | ***** | ***** | 11-11111 | SiteName | Address1 | City | SS | 11111 | Country | 0 | 111111 | Database | Del |
| Register | WebInteract | Edit | New | 209.63.220.222 | 8005 | 1 | ***** | ***** | 11-11111 | SiteName | Address1 | City | SS | 11111 | Country | 0 | 111111 | Database | Del |
| Register | WebInteract | Edit | New | 209.63.220.222 | 8006 | 1 | ***** | ***** | 11-11111 | SiteName | Address1 | City | SS | 11111 | Country | 0 | 111111 | Database | Del |

14. If there are no problems with the Register Check, then the user can continue to the "Select View" window by clicking on "Select View".

15. If problems occurred during the register check, Click on the "WebInteract" button. This will attempt to bring up a WebInteract window directly in another Browser Window. Troubleshoot WebInteract the same way one would debug a PinHole on a non-CMS system.



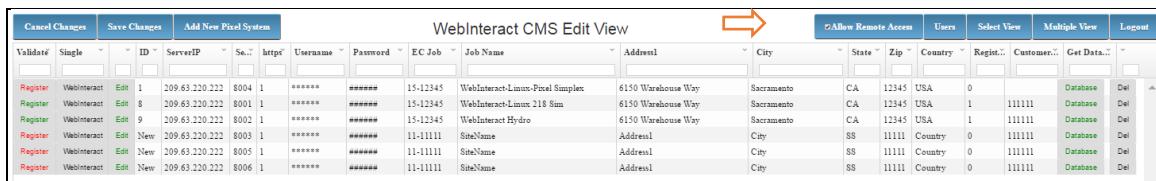
16. A Completed Edit View Page looks like the following:

| Cancel Changes | | Save Changes | | Add New Pixel System | | WebInteract CMS Edit View | | | | | | | | | | | | <input checked="" type="checkbox"/> Allow Remote Access | | Users | | Select View | | Multiple View | | Logout | |
|----------------|-------------|--------------|---|----------------------|----------|---------------------------|-------|----------|----------|--------------------------------------|--------------------|------------|----|----------|-----|------|--|---|--|-------|--|-------------|--|---------------|--|--------|--|
| Validate | Single | | | ID | ServerIP | Se.: | https | Username | Password | EC Job | Job Name | | | Address1 | | City | | State | | Zip | | Country | | Regist.: | | | |
| Register | WebInteract | Edit | 1 | 209.63.220.222 | 8004 | 1 | ***** | ***** | 15-12345 | WebInteract-Linux-Pixel Simplex | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 1 | | | | | | | | | | | |
| Register | WebInteract | Edit | 2 | 209.63.220.222 | 8005 | 1 | ***** | ***** | 15-12345 | 2 Car Linux Sim | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 1 | | | | | | | | | | | |
| Register | WebInteract | Edit | 3 | 209.63.220.222 | 8006 | 1 | ***** | ***** | 18-12345 | Linux Three Car 199 Sim | 6150 Warehouse Way | Sacramento | CA | 95628 | USA | 1 | | | | | | | | | | | |
| Register | WebInteract | Edit | 4 | 209.63.220.222 | 8001 | 1 | ***** | ***** | 15-12345 | WebInteract-Linux 218 Sim | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 1 | | | | | | | | | | | |
| Register | WebInteract | Edit | 5 | 209.63.220.222 | 8002 | 1 | ***** | ***** | 15-12345 | WebInteract Hydro | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 1 | | | | | | | | | | | |
| Register | WebInteract | Edit | 6 | 209.63.220.222 | 8003 | 1 | ***** | ***** | 15-12345 | WebInteract - Windows 3 Car Traction | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 1 | | | | | | | | | | | |

4.4 Adding MR-PCs remotely using CMS from location of the new MR-PC

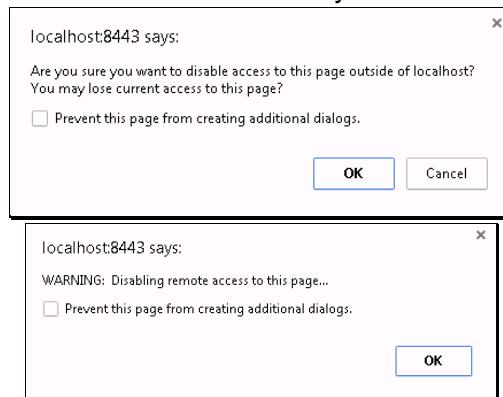
In this scenario, the CMS system already exists and may already be configured with other MR-PCs. From the new MR-PC site, the new MR-PC can be added to the CMS system remotely, but this takes some coordination with another user who is at the physical location of the CMS or the CMS system must be already configured to allow for remote access prior to going to the MR-PC site. Once the configuration of the new MR-PC and the CMS are completed and everything is in sync, then the MR-PC or the CMS can lock down the Edit View page so that further changes to the CMS database can only occur at localhost or with physical access to the CMS PC.

1. With physical access to the CMS PC, go to the Edit View Windows and make sure the Remote Access checkbox is checked.



| WebInteract CMS Edit View | | | | | | | | | | | |
|---------------------------|-------------|--------------|----------|-----------------------|-------|----------|----------|----------|---------------------------------|--------------------|------------|
| Cancel Changes | | Save Changes | | Edit New Pixel System | | | | | | | |
| Validate | Single | ID | ServerIP | Se... | https | Username | Password | EC Job | Job Name | Address1 | City |
| Register | WebInteract | Edit | 1 | 209.63.220.222 | 8004 | 1 | ***** | 15-12345 | WebInteract-Linux-Pixel Simplex | 6150 Warehouse Way | Sacramento |
| Register | WebInteract | Edit | 8 | 209.63.220.222 | 8001 | 1 | ***** | 15-12345 | WebInteract-Linux 218 Sim | 6150 Warehouse Way | Sacramento |
| Register | WebInteract | Edit | 9 | 209.63.220.222 | 8002 | 1 | ***** | 15-12345 | WebInteract Hydro | 6150 Warehouse Way | Sacramento |
| Register | WebInteract | Edit | New | 209.63.220.222 | 8003 | 1 | ***** | 11-11111 | SiteName | Address1 | City |
| Register | WebInteract | Edit | New | 209.63.220.222 | 8005 | 1 | ***** | 11-11111 | SiteName | Address1 | City |
| Register | WebInteract | Edit | New | 209.63.220.222 | 8006 | 1 | ***** | 11-11111 | SiteName | Address1 | City |

2. The following steps will be at the remote MR-PC location. From the MR-PC location, login via the CMS PinHole or using Windows Remote Desktop. The steps from section 5.1 can be used at this point to register the MR-PC to the CMS.
3. From either the localhost CMS or the remote MR-PC, from the Edit View Page, remote access to this page can be disabled by unchecking the “Allow Remote Access” button. Two dialog warns the user if they would want to process with disabling remote access and limiting the CMS Edit functions to be done only on localhost CMS access.



5 WebInteract CMS Monitoring and Management Pages

5.1 WebInteract CMS Login Page

WebInteract CMS Login

Version: 2.0.1.25

Username

Password

Login Guest Help

5.1.1 CMS Login Overview

1. Secures access to CMS information by requiring username/password login.
2. Allows different levels of access such as Administrator, Technician, or Guest.

5.1.2 CMS Login Forms and Buttons

1. Username Field: Enter username for the access level required.
2. Password Field: Enter password to authenticate user.
3. Login Button: Submit Username and Password for authentication.
4. Guest Button: Login user as guest.
5. Help Button: Opens this PDF manual in a new window.

5.2 WebInteract CMS Select View Page

| WebInteract CMS Select View | | | | | | | | | | | | | Version: 2.0.0.9 | Edit View | Multiple View | Logout | |
|-----------------------------|----------|--------------------------------------|--------------------|------------|-------|---------|---------|----------------|------------|--------------|--------|--|------------------|-----------|---------------|-------------|--|
| Deselect All | | Select All | | Help | | License | | | | | | | | | | | |
| ID | EC Job | Job Name | Address | City | State | Zip | Country | ServerIP | ServerPort | Customer Job | Single | | | | | | |
| 1 | 15-12345 | WebInteract-Linux-Pixel Simplex | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8004 | | | | | | | WebInteract | |
| 8 | 15-12345 | WebInteract-Linux 218 Sim | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8001 | 111111 | | | | | | WebInteract | |
| 9 | 15-12345 | WebInteract Hydro | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8002 | 111111 | | | | | | WebInteract | |
| 10 | 15-12345 | WebInteract - Windows 3 Car Traction | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8003 | 111111 | | | | | | WebInteract | |
| 11 | 15-12345 | 2 Car Linux Sim | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8005 | 111111 | | | | | | WebInteract | |
| 12 | 18-12345 | Linux Three Car 199 Sim | 6150 Warehouse Way | Sacramento | CA | 95628 | USA | 209.63.220.222 | 8006 | 111111 | | | | | | WebInteract | |

5.2.1 WebInteract Select View Overview

1. Provides list of all Pixel Systems.
2. Provides ability to select which Pixel systems to monitor.
3. Provides filter and search capability to find Pixel Systems.

5.2.2 WebInteract CMS Select View Site Details Rows

None of the site detail fields are editable in the Select Pixel Systems Page. To edit the site details for a remote Machine Room PC, click on the **Edit Groups** button. Each field has a search bar which can filter the list of selectable Pixel Systems. Every field is searchable and sortable to aid in the selection of Pixel Systems for display.

1. ID Field: This field is not editable by the user, but generated by the CMS database to uniquely identify a Pixel System being monitored. This number can be used to associate Pixel System in different page views.
2. EC Job Number: Elevator Controls Job Number.
3. Site Name: Description of Machine Room site.
4. Address: Address of Pixel System.
5. City: City location of remote Pixel System.
6. State: State location of remote Pixel System.
7. Zip: Zip Code of remote Pixel System.
8. Country: Country location of remote Pixel System.
9. Server IP: Machine Room WebInteract Public IP Address.
10. Server Port: Machine Room WebInteract Public Port Address.
11. Customer Job Number: Customer Job Number.

5.2.3 CMS Select View Buttons

1. **Deselect All:** Deselect all monitored Machine Room PCs selected for display in multiple view so the user can select views from a clean slate

| WebInteract CMS Select View | | | | | | | | | | | |
|-------------------------------------|----|----------|-------------------------------------|--------------------|------------|-------|-------|---------|---------------|------------|--------------|
| Version: 2.0.1.15 | | | | | | | | | | | |
| | ID | EC Job | Job Name | Address | City | State | Zip | Country | ServerIP | ServerPort | Customer Job |
| <input type="checkbox"/> | 1 | 15-12345 | CMS .177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.177 | 8443 | |
| <input checked="" type="checkbox"/> | 5 | 15-12345 | Pixel Research Development .178 .28 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.178 | 8443 | 111111 |
| <input checked="" type="checkbox"/> | 6 | 11-11111 | EC Three Car Group .11 .1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.11 | 8443 | 111111 |
| <input checked="" type="checkbox"/> | 7 | 11-11111 | Group Two Car .36 .24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 |
| <input checked="" type="checkbox"/> | 9 | 25-00001 | HGGRJK2 .164 .21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 |
| <input checked="" type="checkbox"/> | 10 | 27-12345 | Pixel Eight Car Group .73 .27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 |
| <input checked="" type="checkbox"/> | 11 | 15-12345 | Windows 7 .64 .67 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 192.10.14.55 | 8888 | 111111 |
| <input checked="" type="checkbox"/> | 12 | 25-00001 | HGGRJK2 .164 .21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 |
| <input checked="" type="checkbox"/> | 13 | 11-11111 | Group Two Car .36 .24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 |
| <input checked="" type="checkbox"/> | 14 | 27-12345 | Pixel Eight Car Group .73 .27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 |

2. **Select All:** Select all Machine Rooms entered in Edit View for display in Multiple View

| WebInteract CMS Select View | | | | | | | | | | | |
|-------------------------------------|----|----------|-------------------------------------|--------------------|------------|-------|-------|---------|---------------|------------|--------------|
| Version: 2.0.1.15 | | | | | | | | | | | |
| | ID | EC Job | Job Name | Address | City | State | Zip | Country | ServerIP | ServerPort | Customer Job |
| <input type="checkbox"/> | 1 | 15-12345 | CMS .177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.177 | 8443 | |
| <input checked="" type="checkbox"/> | 5 | 15-12345 | Pixel Research Development .178 .28 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.178 | 8443 | 111111 |
| <input checked="" type="checkbox"/> | 6 | 11-11111 | EC Three Car Group .11 .1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.11 | 8443 | 111111 |
| <input checked="" type="checkbox"/> | 7 | 11-11111 | Group Two Car .36 .24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 |
| <input checked="" type="checkbox"/> | 9 | 25-00001 | HGGRJK2 .164 .21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 |
| <input checked="" type="checkbox"/> | 10 | 27-12345 | Pixel Eight Car Group .73 .27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 |
| <input checked="" type="checkbox"/> | 11 | 15-12345 | Windows 7 .64 .67 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 192.10.14.55 | 8888 | 111111 |
| <input checked="" type="checkbox"/> | 12 | 25-00001 | HGGRJK2 .164 .21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 |
| <input checked="" type="checkbox"/> | 13 | 11-11111 | Group Two Car .36 .24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 |
| <input checked="" type="checkbox"/> | 14 | 27-12345 | Pixel Eight Car Group .73 .27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 |

3. Help Button: Display this document online

| WebInteract CMS Select View | | | | | | | | | | | |
|-----------------------------|----|----------|-------------------------------------|--------------------|------------|-------|-------|---------|---------------|------------|--------------|
| Job Name | | | | Address | | | | | | | |
| | ID | EC Job | Job Name | Address | City | State | Zip | Country | ServerIP | ServerPort | Customer Job |
| ✓ | 1 | 15-12345 | CMS .177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.177 | 8443 | 111111 |
| ✓ | 5 | 15-12345 | Pixel Research Development .178 .26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.178 | 8443 | 111111 |
| ✓ | 6 | 11-11111 | EC Three Car Group .11 .1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.11 | 8443 | 111111 |
| ✓ | 7 | 11-11111 | Group Two Car .36 .24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 |
| ✓ | 9 | 25-00001 | HGGRJK2 .164 .21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 |
| ✓ | 10 | 27-12345 | Pixel Eight Car Group .73 .27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 |
| ✓ | 11 | 15-12345 | Windows 7 .64 .57 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 192.10.14.55 | 8888 | 111111 |
| ✓ | 12 | 25-00001 | HGGRJK2 .164 .21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 |
| ✓ | 13 | 11-11111 | Group Two Car .36 .24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 |
| ✓ | 14 | 27-12345 | Pixel Eight Car Group .73 .27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 |

4. License Button: Display WebInteract License Agreement

| WebInteract CMS Select View | | | | | | | | | | | |
|-----------------------------|----|----------|-------------------------------------|--------------------|------------|-------|-------|---------|---------------|------------|--------------|
| Job Name | | | | Address | | | | | | | |
| | ID | EC Job | Job Name | Address | City | State | Zip | Country | ServerIP | ServerPort | Customer Job |
| ✓ | 1 | 15-12345 | CMS .177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.177 | 8443 | 111111 |
| ✓ | 5 | 15-12345 | Pixel Research Development .178 .26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.178 | 8443 | 111111 |
| ✓ | 6 | 11-11111 | EC Three Car Group .11 .1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.11 | 8443 | 111111 |
| ✓ | 7 | 11-11111 | Group Two Car .36 .24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 |
| ✓ | 9 | 25-00001 | HGGRJK2 .164 .21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 |
| ✓ | 10 | 27-12345 | Pixel Eight Car Group .73 .27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 |
| ✓ | 11 | 15-12345 | Windows 7 .64 .57 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 192.10.14.55 | 8888 | 111111 |
| ✓ | 12 | 25-00001 | HGGRJK2 .164 .21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 |
| ✓ | 13 | 11-11111 | Group Two Car .36 .24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 |
| ✓ | 14 | 27-12345 | Pixel Eight Car Group .73 .27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 |

5. Edit View Button: Switch to Edit Pixel Systems Page

| WebInteract CMS Select View | | | | | | | | | | | |
|-----------------------------|----|----------|-------------------------------------|--------------------|------------|-------|-------|---------|---------------|------------|--------------|
| Job Name | | | | Address | | | | | | | |
| | ID | EC Job | Job Name | Address | City | State | Zip | Country | ServerIP | ServerPort | Customer Job |
| ✓ | 1 | 15-12345 | CMS .177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.177 | 8443 | 111111 |
| ✓ | 5 | 15-12345 | Pixel Research Development .178 .26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.178 | 8443 | 111111 |
| ✓ | 6 | 11-11111 | EC Three Car Group .11 .1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.11 | 8443 | 111111 |
| ✓ | 7 | 11-11111 | Group Two Car .36 .24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 |
| ✓ | 9 | 25-00001 | HGGRJK2 .164 .21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 |
| ✓ | 10 | 27-12345 | Pixel Eight Car Group .73 .27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 |
| ✓ | 11 | 15-12345 | Windows 7 .64 .57 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 192.10.14.55 | 8888 | 111111 |
| ✓ | 12 | 25-00001 | HGGRJK2 .164 .21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 |
| ✓ | 13 | 11-11111 | Group Two Car .36 .24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 |
| ✓ | 14 | 27-12345 | Pixel Eight Car Group .73 .27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 |

6. Multiple View Button: Switch to Multiple View Page

| WebInteract CMS Select View | | | | | | | | | | | |
|-----------------------------|----|----------|-------------------------------------|--------------------|------------|-------|-------|---------|---------------|------------|--------------|
| Job Name | | | | Address | | | | | | | |
| | ID | EC Job | Job Name | Address | City | State | Zip | Country | ServerIP | ServerPort | Customer Job |
| ✓ | 1 | 15-12345 | CMS .177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.177 | 8443 | 111111 |
| ✓ | 5 | 15-12345 | Pixel Research Development .178 .26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.178 | 8443 | 111111 |
| ✓ | 6 | 11-11111 | EC Three Car Group .11 .1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.11 | 8443 | 111111 |
| ✓ | 7 | 11-11111 | Group Two Car .36 .24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 |
| ✓ | 9 | 25-00001 | HGGRJK2 .164 .21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 |
| ✓ | 10 | 27-12345 | Pixel Eight Car Group .73 .27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 |
| ✓ | 11 | 15-12345 | Windows 7 .64 .57 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 192.10.14.55 | 8888 | 111111 |
| ✓ | 12 | 25-00001 | HGGRJK2 .164 .21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 |
| ✓ | 13 | 11-11111 | Group Two Car .36 .24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 |
| ✓ | 14 | 27-12345 | Pixel Eight Car Group .73 .27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 |

7. Logout Button: Logs user out and goes back to the Login Page

| WebInteract CMS Select View | | | | | | | | | | | | |
|-----------------------------|----|----------|-------------------------------------|--------------------|------------|-------|-------|---------|---------------|------------|--------------|--|
| Version: 2.0.1.15 | | | | | | | | | | | | |
| | ID | EC Job | Job Name | Address | City | State | Zip | Country | ServerIP | ServerPort | Customer Job | |
| ✓ | 1 | 15-12345 | CMS .177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.178 | 8443 | 111111 | |
| ✓ | 5 | 15-12345 | Pixel Research Development .178 .28 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.11 | 8443 | 111111 | |
| ✓ | 6 | 11-11111 | EC Three Car Group .11 .1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 | |
| ✓ | 7 | 11-11111 | Group Two Car .36 .24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 | |
| ✓ | 9 | 25-00001 | HGGRJK2 .164 .21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 | |
| ✓ | 10 | 27-12345 | Pixel Eight Car Group .73 .27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.55 | 8443 | 111111 | |
| ✓ | 11 | 15-12345 | Windows 7 64 .67 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 192.10.14.164 | 8443 | 111111 | |
| ✓ | 12 | 25-00001 | HGGRJK2 .164 .21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 111111 | |
| ✓ | 13 | 11-11111 | Group Two Car .36 .24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 111111 | |
| ✓ | 14 | 27-12345 | Pixel Eight Car Group .73 .27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 111111 | |

5.3 WebInteract CMS Edit View Page (CMS Admin users only)

| WebInteract CMS Edit View | | | | | | | | | | | | | |
|--|--------------|----------------------|---------------------|----------------|-------------|---------------|----------|--------|----------|---------------------------------|--------------------|------------|----|
| Edit View Page From Factory Only CMS Entry is shown | | | | | | | | | | | | | |
| Edit View Page with Remote Machine Room PCs running WebInteract 1 CMS, 2 Registered MR-PCs, and 3 UnRegistered MR-PCs | | | | | | | | | | | | | |
| Edit View Page Initial Required Fields for Register Check | | | | | | | | | | | | | |
| WebInteract CMS Edit View | | | | | | | | | | | | | |
| Cancel Changes | Save Changes | Add New Pixel System | Allow Remote Access | Users | Select View | Multiple View | Logout | | | | | | |
| Validate | Single | ID | ServerIP | Se... | https | Username | Password | EC Job | Job Name | Address | City | State | |
| Register | WebInteract | Edit | 1 | 209.63.220.222 | 8004 | 0 | ***** | ##### | 15-12345 | WebInteract-CMS | 6150 Warehouse Way | Sacramento | CA |
| Register | WebInteract | Edit | 1 | 209.63.220.222 | 8004 | 1 | ***** | ##### | 15-12345 | WebInteract-Linux-Pixel Simplex | 6150 Warehouse Way | Sacramento | CA |
| Register | WebInteract | Edit | 8 | 209.63.220.222 | 8001 | 1 | ***** | ##### | 15-12345 | WebInteract-Linux 218 Sim | 6150 Warehouse Way | Sacramento | CA |
| Register | WebInteract | Edit | 9 | 209.63.220.222 | 8002 | 1 | ***** | ##### | 15-12345 | WebInteract Hydro | 6150 Warehouse Way | Sacramento | CA |
| Register | WebInteract | Edit | New | 209.63.220.222 | 8003 | 1 | ***** | ##### | 11-11111 | SiteName | Address | City | SS |
| Register | WebInteract | Edit | New | 209.63.220.222 | 8005 | 1 | ***** | ##### | 11-11111 | SiteName | Address | City | SS |
| Register | WebInteract | Edit | New | 209.63.220.222 | 8006 | 1 | ***** | ##### | 11-11111 | SiteName | Address | City | SS |

5.3.1 WebInteract CMS Edit View Overview

1. Register and Add existing remote Pixel Systems for CMS Monitoring.
2. Edit fields to describe the remote Pixel Systems or retrieve the information from the Machine Room PC directly through registration.
3. Provide a way to debug any issues with communicating to the remote Pixel Systems.
4. This is an Administrator Only page that can only be accessed by “CMS Admin” users.

5.3.2 WebInteract CMS Edit View Buttons

1. **Cancel Changes Button:** Revert CMS database to state of last “Saved” database

| Cancel Changes | | WebInteract CMS Edit View | | | | | | | | | | | Allow Remote Access | | Users | | Select View | | Multiple View | | Logout | |
|----------------|-------------|---------------------------|---------------|---------|-------|----------|----------|----------|-----------------------------------|--------------------|------------|-------|---------------------|---------|----------|----------|-------------|--|---------------|--|--------|--|
| Register | MR Direct | ID | MR IP | MR Port | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Regist.. | Custom.. | | | | | | |
| Register | WebInteract | Edit 1 | 192.10.14.177 | 8443 | 1 | ***** | ##### | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | 111111 | | | | | | |
| Register | WebInteract | Edit 5 | 192.10.14.178 | 8443 | 1 | ***** | ##### | 15-12345 | Pixel Research Development_178_26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | |
| Register | WebInteract | Edit 6 | 192.10.14.11 | 8443 | 1 | ***** | ##### | 11-11111 | EC Three Car Group_11.1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | |
| Register | WebInteract | Edit 7 | 192.10.14.36 | 8443 | 1 | ***** | ##### | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | |
| Register | WebInteract | Edit 9 | 192.10.14.164 | 8443 | 1 | ***** | ##### | 25-00001 | HGRJRK2 164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | |
| Register | WebInteract | Edit 10 | 192.10.14.73 | 8443 | 1 | ***** | ##### | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | |
| Register | WebInteract | Edit 11 | 192.10.14.55 | 8588 | 1 | ***** | ##### | 15-12345 | Windows 7 64_67 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 1 | 111111 | | | | | | |
| Register | WebInteract | Edit 12 | 192.10.14.164 | 8443 | 1 | ***** | ##### | 25-00001 | HGRJRK2 164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | |
| Register | WebInteract | Edit 13 | 192.10.14.36 | 8443 | 1 | ***** | ##### | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | |
| Register | WebInteract | Edit 14 | 192.10.14.73 | 8443 | 1 | ***** | ##### | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | |

2. **Save Changes Button:** Save current editing changes to the CMS database

| Cancel Changes | | Save Changes | | WebInteract CMS Edit View | | | | | | | | | | | Allow Remote Access | | Users | | Select View | | Multiple View | | Logout | |
|----------------|-------------|--|---------------|---------------------------|-------|----------|----------|----------|-----------------------------------|--------------------|------------|-------|-------|---------|---------------------|----------|-------|--|-------------|--|---------------|--|--------|--|
| Register | MR Direct | Save edits on this page and push CMS changes to Machine Room PCs | | MR Port | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Regist.. | Custom.. | | | | | | | | |
| Register | WebInteract | Edit 1 | 192.10.14.177 | 8443 | 1 | ***** | ##### | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | 111111 | | | | | | | | |
| Register | WebInteract | Edit 5 | 192.10.14.178 | 8443 | 1 | ***** | ##### | 15-12345 | Pixel Research Development_178_26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | | | |

3. **Add New Pixel System Button:** Add a new remote Pixel System to monitor

| Cancel Changes | | Save Changes | | Add New Pixel System | | WebInteract CMS Edit View | | | | | | | | | | | Allow Remote Access | | Users | | Select View | | Multiple View | | Logout | |
|----------------|-------------|--------------|---------------|----------------------|-------|---------------------------|----------|----------|-----------------------------------|--------------------|------------|-------|-------|---------|----------|----------|---------------------|--|-------|--|-------------|--|---------------|--|--------|--|
| Register | MR Direct | ID | MR IP | MR Port | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Regist.. | Custom.. | | | | | | | | | | |
| Register | WebInteract | Edit 1 | 192.10.14.177 | 8443 | 1 | ***** | ##### | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | 111111 | | | | | | | | | | |
| Register | WebInteract | Edit 5 | 192.10.14.178 | 8443 | 1 | ***** | ##### | 15-12345 | Pixel Research Development_178_26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | | | | | |
| Register | WebInteract | Edit 6 | 192.10.14.11 | 8443 | 1 | ***** | ##### | 11-11111 | EC Three Car Group_11.1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | | | | | |

4. **Allow Remote Access:** This “Edit View” page is disabled from remote access by default even for CMS Admin users. Only when in localhost (either by physical access to the CMS PC or via secure Windows Remote Desktop Protocol), can functions on this page be accessible to the outside world. If this box is checked, then remote access is possible from the outside world. Uncheck this box to securely lockdown “Edit View” functions and restrict to where there is physical access. Windows remote desktop can be setup to access this localhost within a company network, but this also requires a separate Windows enable and a separate Windows authentication will be required. Remote Desktop is disabled by default.

| Cancel Changes | | Save Changes | | Add New Pixel System | | WebInteract CMS Edit View | | | | | | | | | | | Allow Remote Access | | Users | | Select View | | Multiple View | | Logout | |
|----------------|-------------|--------------|---------------|----------------------|-------|---------------------------|----------|----------|-----------------------------------|--------------------|------------|-------|-------|---------|----------|----------|---------------------|--|-------|--|-------------|--|---------------|--|--------|--|
| Register | MR Direct | ID | MR IP | MR Port | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Regist.. | Custom.. | | | | | | | | | | |
| Register | WebInteract | Edit 1 | 192.10.14.177 | 8443 | 1 | ***** | ##### | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | 111111 | | | | | | | | | | |
| Register | WebInteract | Edit 5 | 192.10.14.178 | 8443 | 1 | ***** | ##### | 15-12345 | Pixel Research Development_178_26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | | | | | |
| Register | WebInteract | Edit 6 | 192.10.14.11 | 8443 | 1 | ***** | ##### | 11-11111 | EC Three Car Group_11.1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | | | | | |

5. **Users Button:** Add username, password, and security levels such as CMS Admin, CMS Tech, and CMS Guest This will take you to the Manager User Login Accounts (see section

| Cancel Changes | | Save Changes | | Add New Pixel System | | WebInteract CMS Edit View | | | | | | | | | | | Allow Remote Access | | Users | | Select View | | Multiple View | | Logout | |
|----------------|-------------|--------------|---------------|----------------------|-------|---------------------------|----------|----------|-----------------------------------|--------------------|------------|-------|-------|---------|----------|----------|---------------------|--|-------|--|-------------|--|---------------|--|--------|--|
| Register | MR Direct | ID | MR IP | MR Port | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Regist.. | Custom.. | | | | | | | | | | |
| Register | WebInteract | Edit 1 | 192.10.14.177 | 8443 | 1 | ***** | ##### | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | 111111 | | | | | | | | | | |
| Register | WebInteract | Edit 5 | 192.10.14.178 | 8443 | 1 | ***** | ##### | 15-12345 | Pixel Research Development_178_26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | | | | | |

6. **Select Pixel Systems Button:** Switch to CMS Select View Window

| Cancel Changes | | Save Changes | | Add New Pixel System | | WebInteract CMS Edit View | | | | | | | | | | | Allow Remote Access | | Users | | Select View | | Multiple View | | Logout | |
|----------------|-------------|--------------|---------------|----------------------|-------|---------------------------|----------|----------|----------|--------------------|------------|-------|-------|---------|----------|----------|---------------------|--|-------|--|-------------|--|---------------|--|--------|--|
| Register | MR Direct | ID | MR IP | MR Port | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Regist.. | Custom.. | | | | | | | | | | |
| Register | WebInteract | Edit 1 | 192.10.14.177 | 8443 | 1 | ***** | ##### | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | 111111 | | | | | | | | | | |

7. **Multiple View Button:** Switch to CMS Multiple View Windows for summary monitoring of remote Pixel systems

| Cancel Changes | | Save Changes | | Add New Pixel System | | WebInteract CMS Edit View | | | | | | | | | | | Allow Remote Access | | Users | | Select View | | Multiple View | | Logout | |
|----------------|-------------|--------------|---------------|----------------------|-------|---------------------------|----------|----------|-----------------------------------|--------------------|------------|-------|-------|---------|----------|----------|---------------------|--|-------|--|-------------|--|---------------|--|--------|--|
| Register | MR Direct | ID | MR IP | MR Port | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Regist.. | Custom.. | | | | | | | | | | |
| Register | WebInteract | Edit 1 | 192.10.14.177 | 8443 | 1 | ***** | ##### | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | 111111 | | | | | | | | | | |
| Register | WebInteract | Edit 5 | 192.10.14.178 | 8443 | 1 | ***** | ##### | 15-12345 | Pixel Research Development_178_26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | | | | | | | | | | |

8. Logout Button: Logout of the CMS

| WebInteract CMS Edit View | | | | | | | | | | | | | Allow Remote Access | Users | Select View | Multiple View | Logout |
|---------------------------|-------------|------|-------|---------------|-------|----------|----------|--------|----------|-------------|--------------------|------------|---------------------|---------|-------------|---------------|--------|
| Register... | MR Direct | ID | MR IP | MR Port | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Regist.. | Custom... | |
| Register | WebInteract | Edit | 1 | 192.10.14.177 | 8443 | 1 | ***** | ##### | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | ^ |

5.3.3 WebInteract Edit View Fields

| WebInteract CMS Edit View | | | | | | | | | | | | | Allow Remote Access | Users | Select View | Multiple View | Logout |
|---------------------------|-------------|------|----------|----------------|-------|----------|----------|--------|----------|---------------------------------|--------------------|------------|---------------------|---------|-------------|---------------|---------------------|
| Validate | Single | ID | ServerIP | Se... | https | Username | Password | EC Job | Job Name | Address1 | City | State | Zip | Country | Regist... | Customer... | Get Data... |
| Register | WebInteract | Edit | 1 | 209.63.220.222 | 8004 | 1 | ***** | ##### | 15-12345 | WebInteract-Linux-Pixel Simplex | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 0 | Database Del ^ |
| Register | WebInteract | Edit | 2 | 209.63.220.222 | 8001 | 1 | ***** | ##### | 15-12345 | WebInteract-Linux 218 Sun | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 1 | 111111 Database Del |
| Register | WebInteract | Edit | 9 | 209.63.220.222 | 8002 | 1 | ***** | ##### | 15-12345 | WebInteract-Hydro | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 1 | 111111 Database Del |
| Register | WebInteract | Edit | New | 209.63.220.222 | 8003 | 1 | ***** | ##### | 11-11111 | SiteName | Address1 | City | SS | 11111 | Country | 0 | 111111 Database Del |
| Register | WebInteract | Edit | New | 209.63.220.222 | 8005 | 1 | ***** | ##### | 11-11111 | SiteName | Address1 | City | SS | 11111 | Country | 0 | 111111 Database Del |
| Register | WebInteract | Edit | New | 209.63.220.222 | 8006 | 1 | ***** | ##### | 11-11111 | SiteName | Address1 | City | SS | 11111 | Country | 0 | 111111 Database Del |

1. **Register Button:** Register Buttons is in the first column depicted below. They are used to test the connection to a remote Pixel System. The Server IP, Server Port, Username, and Password are required fields to register with a remote system.

| WebInteract CMS Edit View | | | | | | | | | | | | | Allow Remote Access | Users | Select View | Multiple View | Logout |
|---------------------------|-------------|------|-------|---------------|-------|----------|----------|--------|----------|-----------------------------------|--------------------|------------|---------------------|---------|-------------|---------------|--------|
| Register... | MR Direct | ID | MR IP | MR Port | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Regist.. | Custom... | |
| Register | WebInteract | Edit | 1 | 192.10.14.177 | 8443 | 1 | ***** | ##### | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | ^ |
| Register | WebInteract | Edit | 5 | 192.10.14.178 | 8443 | 1 | ***** | ##### | 15-12345 | Pixel Research Development_178_26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 6 | 192.10.14.11 | 8443 | 1 | ***** | ##### | 11-11111 | EC Three Car Group_11_1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 7 | 192.10.14.36 | 8443 | 1 | ***** | ##### | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 8 | 192.10.14.164 | 8443 | 1 | ***** | ##### | 25-00001 | HGGRJK2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 9 | 192.10.14.164 | 8443 | 1 | ***** | ##### | 15-12345 | Windows 7_64_67 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 10 | 192.10.14.73 | 8443 | 1 | ***** | ##### | 25-00001 | HGGRJK2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 11 | 192.10.14.55 | 8888 | 1 | ***** | ##### | 15-12345 | Windows 7_64_67 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 0 | 111111 |
| Register | WebInteract | Edit | 12 | 192.10.14.164 | 8443 | 1 | ***** | ##### | 25-00001 | HGGRJK2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 13 | 192.10.14.36 | 8443 | 1 | ***** | ##### | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 14 | 192.10.14.73 | 8443 | 1 | ***** | ##### | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |

2. **WebInteract Button:** WebInteract Buttons is in the second column depicted below. Which allows user to connect to the remote WebInteract Machine Room PC. WebInteract is brought up in another window using the Server IP and Server Port fields in this row.

| WebInteract CMS Edit View | | | | | | | | | | | | | Allow Remote Access | Users | Select View | Multiple View | Logout |
|---------------------------|---|------|---------------|---------------|-------|----------|----------|----------|-----------------------------------|-----------------------------|--------------------|------------|---------------------|---------|-------------|---------------|--------|
| Register... | MR Direct | ID | MR IP | MR Port | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Regist.. | Custom... | |
| Register | Open WebInteract directly to Machine Room for Troubleshooting | 1 | 192.10.14.177 | 8443 | 1 | ***** | ##### | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | ^ | |
| Register | Open WebInteract directly to Machine Room for Troubleshooting | 5 | 192.10.14.178 | 8443 | 1 | ***** | ##### | 15-12345 | Pixel Research Development_178_26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | |
| Register | WebInteract | Edit | 6 | 192.10.14.11 | 8443 | 1 | ***** | ##### | 11-11111 | EC Three Car Group_11_1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 7 | 192.10.14.36 | 8443 | 1 | ***** | ##### | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 8 | 192.10.14.164 | 8443 | 1 | ***** | ##### | 25-00001 | HGGRJK2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 9 | 192.10.14.73 | 8443 | 1 | ***** | ##### | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 10 | 192.10.14.73 | 8443 | 1 | ***** | ##### | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | 111111 |
| Register | WebInteract | Edit | 11 | 192.10.14.55 | 8888 | 1 | ***** | ##### | 15-12345 | Windows 7_64_67 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 0 | 111111 |
| Register | WebInteract | Edit | 12 | 192.10.14.164 | 8443 | 1 | ***** | ##### | 25-00001 | HGGRJK2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 13 | 192.10.14.36 | 8443 | 1 | ***** | ##### | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 14 | 192.10.14.73 | 8443 | 1 | ***** | ##### | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |

| WebInteract CMS Edit View | | | | | | | | | | | | | Allow Remote Access | Users | Select View | Multiple View | Logout |
|---------------------------|---|------|---------------|---------------|-------|----------|----------|----------|-----------------------------------|-----------------------------|--------------------|------------|---------------------|---------|-------------|---------------|--------|
| Register... | MR Direct | ID | MR IP | MR Port | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Regist.. | Custom... | |
| Register | Open WebInteract directly to Machine Room for Troubleshooting | 1 | 192.10.14.177 | 8443 | 1 | ***** | ##### | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | ^ | |
| Register | Open WebInteract directly to Machine Room for Troubleshooting | 5 | 192.10.14.178 | 8443 | 1 | ***** | ##### | 15-12345 | Pixel Research Development_178_26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | |
| Register | WebInteract | Edit | 6 | 192.10.14.11 | 8443 | 1 | ***** | ##### | 11-11111 | EC Three Car Group_11_1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 7 | 192.10.14.36 | 8443 | 1 | ***** | ##### | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 8 | 192.10.14.164 | 8443 | 1 | ***** | ##### | 25-00001 | HGGRJK2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 9 | 192.10.14.73 | 8443 | 1 | ***** | ##### | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 10 | 192.10.14.73 | 8443 | 1 | ***** | ##### | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | 111111 |
| Register | WebInteract | Edit | 11 | 192.10.14.55 | 8888 | 1 | ***** | ##### | 15-12345 | Windows 7_64_67 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 0 | 111111 |
| Register | WebInteract | Edit | 12 | 192.10.14.164 | 8443 | 1 | ***** | ##### | 25-00001 | HGGRJK2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 13 | 192.10.14.36 | 8443 | 1 | ***** | ##### | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit | 14 | 192.10.14.73 | 8443 | 1 | ***** | ##### | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |

3. Edit Button: Allows for a pop-up window as an alternative way to edit a single row

The screenshot shows a list of pixel systems on the left and a detailed edit dialog on the right. The edit dialog contains fields for Job Name, Address1, City, State, Zip, Country, ServerIP, ServerPort, Username, Password, and Customer Job. The list on the left shows various pixel systems with their details like ID, MR IP, MR Port, https, Username, Password, EC Job, Job Name, and Job Address.

4. **ID:** Unique CMS generated numbers to identify Pixel Systems between CMS pages. These are internally generated by CMS and cannot be edited. This will display “NEW” when that MR-PC row has not yet been saved.

5. ServerIP: Remote Pixel System public pinhole IP Address

The screenshot shows a list of pixel systems with their ServerIP values displayed in the list. The ServerIP values are 192.10.14.11, 192.10.14.177, 192.10.14.178, 192.10.14.11, 192.10.14.36, 192.10.14.164, 192.10.14.173, 192.10.14.55, 192.10.14.164, 192.10.14.36, and 192.10.14.73.

6. ServerPort: Remote Pixel System public pinhole port address

7. Username: Remote WebInteract Pixel System administrator username

The screenshot shows a list of pixel systems with their Username values displayed in the list. The Username values are customer, customer, customer, customer, customer, customer, customer, customer, customer, and customer.

8. Password: Remote WebInteract Pixel System administrator password

The screenshot shows a list of pixel systems with their Password values displayed in the list. The Password values are all set to #####.

9. **EC Job Number:** This is the Elevator Control Job Number for the Pixel System

10. **Site Name:** Description of remote Pixel System

11. **Address:** Address location of remote Pixel System

| WebInteract CMS Edit View | | | | | | | | | | | Allow Remote Access | Users | Select View | Multiple View | Logout | |
|---------------------------|-------------|---------|---------------|---------|-------|----------|----------|----------|-----------------------------------|--------------------|---------------------|-------|-------------|---------------|---------|----------|
| Register | MR Direct | ID | MR IP | MR Port | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Regist. | Customer |
| Register | WebInteract | Edit 1 | 192.10.14.177 | 8443 | 1 | ***** | ***** | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | |
| Register | WebInteract | Edit 5 | 192.10.14.178 | 8443 | 1 | ***** | ***** | 15-12345 | Pixel Research Development_178_28 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit 6 | 192.10.14.11 | 8443 | 1 | ***** | ***** | 11-11111 | EC Three Car Group_11_1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit 7 | 192.10.14.36 | 8443 | 1 | ***** | ***** | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit 9 | 192.10.14.164 | 8443 | 1 | ***** | ***** | 25-00001 | HGGRJN2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit 10 | 192.10.14.73 | 8443 | 1 | ***** | ***** | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit 11 | 192.10.14.55 | 8088 | 1 | ***** | ***** | 15-12345 | Windows 7_64_87 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 0 | 111111 |
| Register | WebInteract | Edit 12 | 192.10.14.164 | 8443 | 1 | ***** | ***** | 25-00001 | HGGRJN2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit 13 | 192.10.14.36 | 8443 | 1 | ***** | ***** | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |
| Register | WebInteract | Edit 14 | 192.10.14.73 | 8443 | 1 | ***** | ***** | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 |

12. **City:** City location of remote Pixel System

13. **State:** State location of remote Pixel System

14. **Zip:** Zip location of remote Pixel System

15. **Country:** Country location of remote Pixel System

16. **Registered:** 1 indicates that the remote system has been registered through the register process (described below)

17. **Customer Job Number:** Customer supplied number

18. **Del Button:** Removes this MR-PC Pixel System from the CMS database. The MR-PC will no longer be monitored by this CMS

| WebInteract CMS Edit View | | | | | | | | | | | Allow Remote Access | Users | Select View | Multiple View | Logout | |
|---------------------------|---------|---------------|---------|-------|----------|----------|----------|-----------------------------------|--------------------|------------|---------------------|-------|-------------|---------------|----------|-----|
| Direct | ID | MR IP | MR Port | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Regist. | Customer | |
| ebInteract | Edit 1 | 192.10.14.177 | 8443 | 1 | ***** | ***** | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | | Del |
| ebInteract | Edit 5 | 192.10.14.178 | 8443 | 1 | ***** | ***** | 15-12345 | Pixel Research Development_178_28 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | Del |
| ebInteract | Edit 6 | 192.10.14.11 | 8443 | 1 | ***** | ***** | 11-11111 | EC Three Car Group_11_1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | Del |
| ebInteract | Edit 7 | 192.10.14.36 | 8443 | 1 | ***** | ***** | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | Del |
| ebInteract | Edit 9 | 192.10.14.164 | 8443 | 1 | ***** | ***** | 25-00001 | HGGRJN2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | Del |
| ebInteract | Edit 10 | 192.10.14.73 | 8443 | 1 | ***** | ***** | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | Del |
| ebInteract | Edit 11 | 192.10.14.55 | 8088 | 1 | ***** | ***** | 15-12345 | Windows 7_64_87 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 0 | 111111 | Del |
| ebInteract | Edit 12 | 192.10.14.164 | 8443 | 1 | ***** | ***** | 25-00001 | HGGRJN2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | Del |
| ebInteract | Edit 13 | 192.10.14.36 | 8443 | 1 | ***** | ***** | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | Del |
| ebInteract | Edit 14 | 192.10.14.73 | 8443 | 1 | ***** | ***** | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | Del |

5.4 Manage Login User Accounts (CMSAdmin only)

Manage Login User Accounts

| | | | |
|---------------------------------------|--------------------------------------|--|---------------------------------------|
| Name | <input type="text"/> | | |
| Password | <input type="password"/> | | |
| User Role | <input type="text"/> | | |
| Email | <input type="text"/> | | |
| <input type="button" value="Search"/> | <input type="button" value="Clear"/> | <input type="button" value="Email Details"/> | <input type="button" value="Submit"/> |

This page manages the CMS user/password accounts.

1. Add additional users with a specific access level of Administrator, Technician or Guest.
2. Modify existing users' passwords.
3. This is an Administrator Only page that can only be accessed by "CMS Admin" users. To get to this page, click on the "User" Button within the Edit Page.

5.4.1 Manage Login User Accounts Fields

1. Name: Username.
2. Password: Password associated with the username.
3. User Role: CMS user roles are one of the following:
 - a. CMSAdmin administration with full access privilege.

- b. CMSTech: limited editing privilege and will grant only Tech privilege when invoking the Single View for direct WebInteract access to a specific remote Pixel System.
- 4. Email: email address used for notifications.

5.4.2 Manage Login User Accounts Buttons

- 1. Search: Search for existing usernames.
- 2. Clear: Clear all fields.
- 3. Email Details.
- 4. Submit: All field can be modified, but none take effect until “Submit” button is pressed

5.4.3 Example Use

By typing in cmstech and pressing Search, the CMS will return the CMSTech role associated with the existing username/password account

Manage Login User Accounts

Found user by given user name: cmstech

| | |
|---|--------------------------------------|
| Name | <input type="text" value="cmstech"/> |
| Password | <input type="text"/> |
| User Role | <input type="text" value="CMSTech"/> |
| Email | <input type="text"/> |
| <input type="button" value="Search"/> <input type="button" value="Clear"/> <input type="button" value="Email Details"/> <input type="button" value="Submit"/> | |

To enter in a new username/password,

1. Click on the “Clear” button. This is required whenever a new entry needs to be added
2. Fill in the Name, Password, and Email fields and select a UserRole from the pull down field.

5.5 WebInteract CMS Multiple View Systems

WebInteract CMS "Multiple View" page provides an overview for the monitoring of multiple remote Pixel systems.

5.5.1 WebInteract CMS Multiple View Buttons

1. Resize Number of Columns to View: Repeated clicking on the "Resize" button will alternate between 1, 2, 3, 4, and 5 columns. Clicking on the "Resize" button when 5 columns are currently displayed will rotate back to a single column.

a. One Column

WebInteract CMS Multiple View

| Car 1 | Car 2 | Car 3 | Car 4 | Car 5 | Car 6 | Car 7 | Car 8 |
|-------|--------|-------|-------|-------|-------|-------|--------|
| NOR 1 | NOR 25 | NAV 0 | NAV 0 | NAV 0 | NAV 0 | NOR 9 | NOR 17 |

Available

b. Two columns

WebInteract CMS Multiple View

| Car 1 | Car 2 | Car 3 | Car 4 | Car 5 | Car 6 | Car 7 | Car 8 |
|-------|--------|-------|-------|-------|-------|-------|--------|
| NOR 1 | NOR 17 | NAV 0 | NAV 0 | NAV 0 | NAV 0 | NOR 9 | NOR 25 |

Available

c. Three columns

WebInteract CMS Multiple View

d. Four Columns

WebInteract CMS Multiple View

e. Five Columns

WebInteract CMS Multiple View

5.5.2 WebInteract CMS Multiple View Overview

1. Summary Monitoring of all selected Pixel Systems.
2. Single View full WebInteract access to specific Pixel Systems.
3. Select View provides a list of editable, addable, or removable Pixel Systems and displays all the information in the searchable selectable GUI with the addition of several **private** fields needed to establish communication to the remote Pixel Systems.

| Cancel Changes | Save Changes | Add New Pixel System | WebInteract CMS Edit View | | | | | | | | | | Allow Remote Access | Users | Select View | Multiple View | Logout | |
|----------------|--------------|----------------------|---------------------------|---------|-------|----------|----------|-----------|-----------------------------------|--------------------|------------|-------|---------------------|---------|-------------|---------------|--------|--|
| Register | MR Direct | ID | MR IP | MR Port | https | Username | Password | EC Job | Job Name | Job Address | City | State | Zip | Country | Registers | Customer | | |
| Register | WebInteract | Edit 1 | 192.168.10.14.177 | 8443 | 1 | ***** | ***** | 15-12345 | CMS 177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 0 | | Del | |
| Register | WebInteract | Edit 5 | 192.168.10.14.178 | 8443 | 1 | ***** | ***** | 15-12345 | Pixel Research Development.178.26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | Del | |
| Register | WebInteract | Edit 6 | 192.168.10.14.11 | 8443 | 1 | ***** | ***** | 11-111111 | EC Three Car Group.11.1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | Del | |
| Register | WebInteract | Edit 7 | 192.168.10.14.36 | 8443 | 1 | ***** | ***** | 11-111111 | Group Two Car.36.24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | Del | |
| Register | WebInteract | Edit 9 | 192.168.10.14.164 | 8443 | 1 | ***** | ***** | 25-00001 | HGRJ2.164.21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | Del | |
| Register | WebInteract | Edit 10 | 192.168.10.14.73 | 8443 | 1 | ***** | ***** | 27-12345 | Pixel Eight Car Group.73.27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 1 | 111111 | Del | |
| Register | WebInteract | Edit 11 | 192.168.10.14.55 | 8888 | 1 | ***** | ***** | 15-12345 | Windows 7.64.67 | 6150 Warehouse Way | Sacramento | NY | 10913 | USA | 1 | 111111 | Del | |

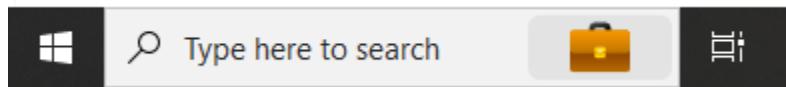
5.6 CMS Lobby Display

5.6.1 Enabling Feature

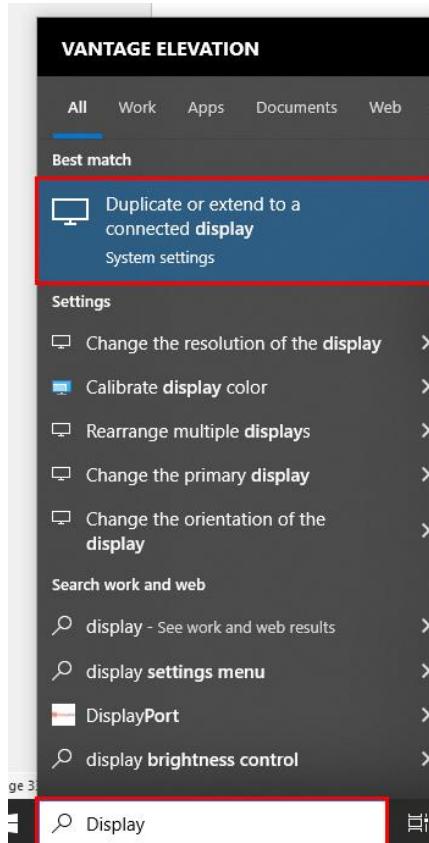
1. Navigate to “CMS Edit View” page.
2. Click the check box to enable.

| CMS Edit View | | <input checked="" type="checkbox"/> Allow Remote Access | <input checked="" type="checkbox"/> Enable Lobby Display  | |
|---------------|-------------------------|---|--|------------|
| Job | Job Name | Job Address | City | State |
| 11111 | VILLA REGINA #1-2 | 6150 Warehouse Way | Sacramento | California |
| 11112 | Pixel Classroom Group | 6150 Warehouse Way | Sacramento | CA |
| 11111 | Pixel Classroom Simplex | 6150 Warehouse Way | Sacramento | CA |

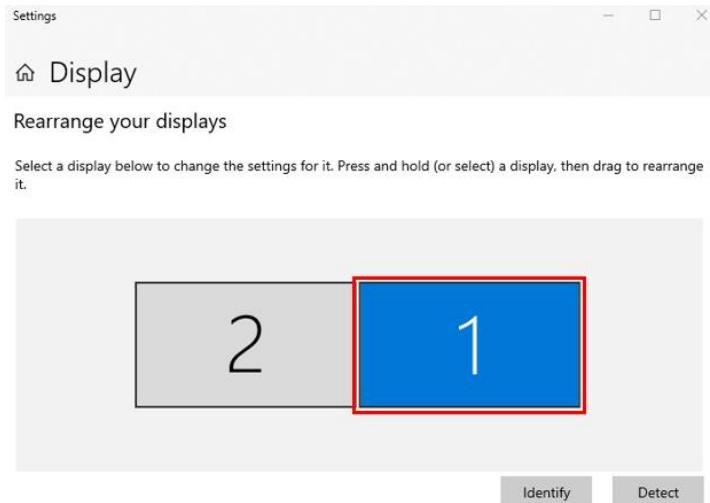
3. Configure Windows display setting.
 - a. Verify that both main and lobby monitor are connected to the PC and are displaying correctly.
 - b. Navigate to Windows taskbar.



- c. Search with keyword “Display” and then select display option.



- d. Once the “Display” setting is opened, click on the screen that would be the main monitor, **not the CMS Lobby monitor**.



- e. On the same menu, locate the “Multiple Display” option.
- f. If not already check the box, “Make this my main display”.

Make this my main display

- g. Restart computer and verify that the CMS lobby display opens on the correct monitor.

Note: If there are any monitor replacements or the cables are swapped the user may have to re-verify the main display is **not selected to be the CMS lobby display**. Reset the PC to verify location of the CMS lobby display.

Note: The CMS lobby display is designed to work with a two-display setup. Any additional monitors will require the user to do troubleshooting to be able to correctly move the CMS lobby window to the intended monitor. This would depend on how the PC determines the order of the displays, which may require a combination of playing with “Main Display” settings and physically swapping display cables. The use of display ports on external hubs may affect ordering.

5.6.2 Configure Layout

1. Verify all Machine Room PCs are connected to the CMS PC.
2. Navigate to the “CMS Edit View” page.
3. Click on the gear icon of the “Enable Lobby Display” button.

CMS Edit View

| | | <input checked="" type="checkbox"/> Allow Remote Access | | <input checked="" type="checkbox"/> Enable Lobby Display  | |
|-------|-------------------------|---|------------|--|--|
| Job | Job Name | Job Address | City | State | |
| 11111 | VILLA REGINA #1-2 | 6150 Warehouse Way | Sacramento | California | |
| 11112 | Pixel Classroom Group | 6150 Warehouse Way | Sacramento | CA | |
| 11111 | Pixel Classroom Simplex | 6150 Warehouse Way | Sacramento | CA | |

a. Accept any security agreement for groups that use a HTTPS connection, refresh the page after accepting the agreement. **They will be opened as new tabs in the browser.**



Your connection is not private

Attackers might be trying to steal your information from **localhost** (for example, passwords, messages, or credit cards). [Learn more about this warning](#)

NET::ERR_CERT_AUTHORITY_INVALID

 [Turn on enhanced protection](#) to get Chrome's highest level of security

[Advanced](#)

[Back to safety](#)

4. Click and drag group to desired position and save layout when done.

Configure CMS Lobby Layout

Customize layout by dragging each site to the desired position. Once saved the layout will be applied to the CMS Lobby Display.

Grid layout of lobby display

1253 P... 

1 Car 

1233 Pixel Classroom... 

2 Cars 

Drag & drop to position

 **Add a row**

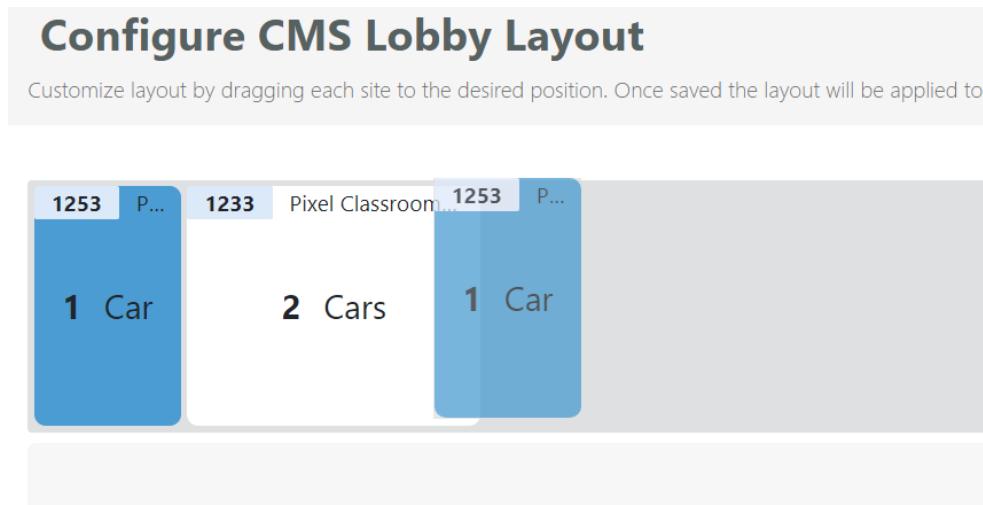
Cancel **Save** **Save layout**

Example

- a. Drag group #1233 to 1st row

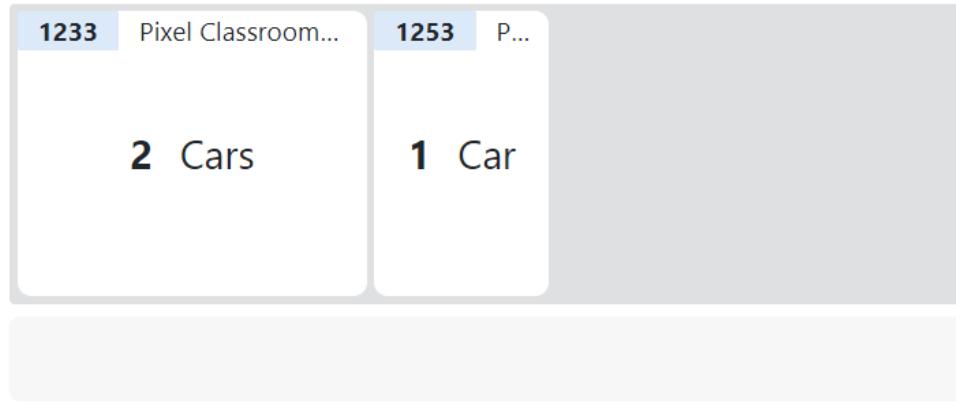


- b. Drag group #1253 to the right of group #1233

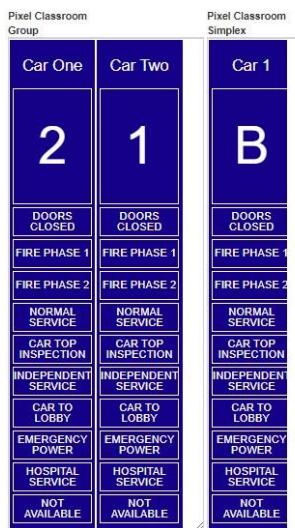


Configure CMS Lobby Layout

Customize layout by dragging each site to the desired position. Once saved the layout



5. Save and then reset the PC to verify layout has been successfully applied to the CMS Lobby display page.



Note: Errors encountered when loading the page may indicate that communication to group or groups may not be successful, if a group is using a secure HTTPS connection the security agreement must be accepted, it is also possible the machine room PC may have issue communicating its Pixel(s) controllers. Verify that connection between CMS PC and Machine Room PC are also good as well.

Note: If any group returns a difference in the number of cars it has in its group compared to the saved layout, the CMS lobby display and configuration page will always revert to a default layout. Verify if this difference is valid and then proceed to reconfigure a new layout.

5.6.3 Testing CMS Lobby Display

1. Reset the PC.
2. Wait for the lobby display to open on the lobby monitor.
3. If prompted, click to accept the security agreement and then refresh the page to confirm. Press “CTRL + R” to refresh.



- a. Refresh PC again to confirm lobby monitor now display correctly.

| Pixel Classroom Group | | Pixel Classroom Simplex |
|-----------------------|---------------------|-------------------------|
| Car One | Car Two | Car 1 |
| 2 | 1 | B |
| DOORS CLOSED | DOORS CLOSED | DOORS CLOSED |
| FIRE PHASE 1 | FIRE PHASE 1 | FIRE PHASE 1 |
| FIRE PHASE 2 | FIRE PHASE 2 | FIRE PHASE 2 |
| NORMAL SERVICE | NORMAL SERVICE | NORMAL SERVICE |
| CAR TOP INSPECTION | CAR TOP INSPECTION | CAR TOP INSPECTION |
| INDEPENDENT SERVICE | INDEPENDENT SERVICE | INDEPENDENT SERVICE |
| CAR TO LOBBY | CAR TO LOBBY | CAR TO LOBBY |
| EMERGENCY POWER | EMERGENCY POWER | EMERGENCY POWER |
| HOSPITAL SERVICE | HOSPITAL SERVICE | HOSPITAL SERVICE |
| NOT AVAILABLE | NOT AVAILABLE | NOT AVAILABLE |

6 Getting Started Using the CMS

6.1 Login into CMS

WebInteract CMS Login

Username
cmsadmin

Password

Login **Default** **Help**

6.2 Search>Select Page

1. This is the first page after login.
2. From here, we can get to the Edit and Multiple View Pages.

| Interact CMS Select Groups | | | | | | | | | | | | |
|----------------------------|----------|-------------------------------------|--------------------|------------|-------|-------|---------|----------------|------------|--------------|--|--|
| Version: 2.0.0.51 | | | | | | | | | | | | |
| ID | EC Job | SiteName | Address | City | State | Zip | Country | ServerIP | ServerPort | Customer Job | | |
| 1 | 15-12345 | CMS Elevator Controls | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8001 | 111111 | | |
| 2 | 15-12345 | Two Car Group - Elevator Controls | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8002 | 111111 | | |
| 3 | 15-12345 | Two Car Group - Elevator Controls | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8002 | 111111 | | |
| 4 | 15-12345 | Two Car Group - Elevator Controls | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8002 | 111111 | | |
| 5 | 15-12345 | Two Car Group - Elevator Controls | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8002 | 111111 | | |
| 6 | 15-12345 | Two Car Group - Elevator Controls | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8002 | 111111 | | |
| 7 | 15-12345 | Three Car Group - Elevator Controls | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8003 | 111111 | | |
| 8 | 15-12345 | Three Car Group - Elevator Controls | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8003 | 111111 | | |
| 9 | 15-12345 | Three Car Group - Elevator Controls | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8003 | 111111 | | |
| 10 | 15-12345 | Three Car Group - Elevator Controls | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8003 | 111111 | | |
| 11 | 15-12345 | Three Car Group - Elevator Controls | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8003 | 111111 | | |
| 12 | 15-12345 | Three Car Group - Elevator Controls | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8003 | 111111 | | |

6.3 Access the Edit Page (CMS localhost only)

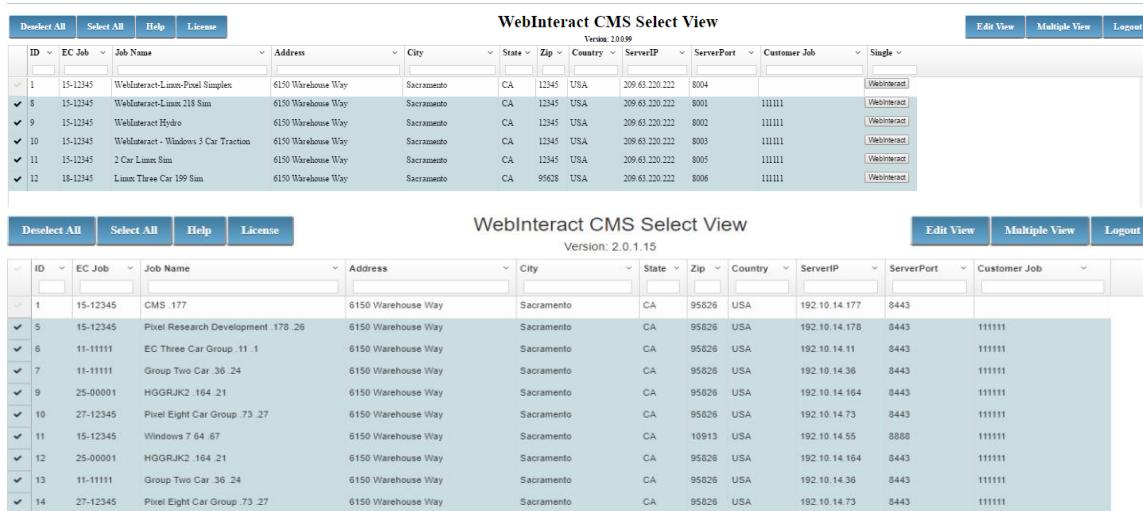
Note: The Edit View Page is only accessible at the physical location of the CMS PC unless the remote access checkbox allows for remote access and we are running as CMS Admin. The Edit Page capability is only needed when updating the CMS and is not needed for normal CMS monitoring of remote Pixel Systems. Skip this step unless we are configuring the CMS and Remote MR-PCs.

1. Click on “Add New Pixel System” to add new remote Pixel Systems to be monitored by the CMS. Most of the field information can be automatically retrieved from the remote WebInteract Machine PC given only the Server IP, Server Port, and setting the correct https (secure mode) to either 0 or 1.

2. The remote Pixel System administrator Username/Password field is also required for the CMS to function correctly.
3. Click “Save Changes” to save the above information.
4. Click “OK” to accept the changes.
5. Click on “Register” to check communication with the remote Pixel system.
6. A dialog will return providing information on the connection status with the remote Pixel System.
7. If there is a problem communicating, then click on the WebInteract button and try to log onto WebInteract directly. The remote WebInteract Machine Room PC must be up and network communication to the remote WebInteract Machine Room PC must work using normal WebInteract access via the browser. If the WebInteract communication fails, then troubleshoot WebInteract access. Machine Room PC WebInteract access must function fully otherwise the CMS will not work.
8. Repeat above steps for every added Pixel System.
9. If the Register process is successful, the user is shown a dialog box that allows information from the remote Machine Room PC to be synchronized with the CMS.
10. Once all remote Pixel Systems have been edited, we can select any number of systems for Multiple View summary monitoring. Go back to Select View by clicking on the “Select View” button.

6.4 Access the Select View Pages

1. From any of the CMS Pages, Select the remote Pixel Systems that should be monitored by toggling the check boxes on the far left. Go to Multiple view by clicking on the “Multiple View” button.



WebInteract CMS Select View
Version 1.0.09

| ID | EC Job | Job Name | Address | City | State | Zip | Country | ServerIP | ServerPort | Customer Job | Single |
|----|----------|--------------------------------------|--------------------|------------|-------|-------|---------|----------------|------------|--------------|-------------|
| 1 | 15-12345 | WebInteract-Linn-Pixel Simplex | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8004 | WebInteract | |
| 8 | 15-12345 | WebInteract-Linn 218 Sun | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8001 | 11111 | WebInteract |
| 9 | 15-12345 | WebInteract Hydro | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8002 | 11111 | WebInteract |
| 10 | 15-12345 | WebInteract - Windows 3 Car Traction | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8003 | 11111 | WebInteract |
| 11 | 15-12345 | 2 Car Linux Sun | 6150 Warehouse Way | Sacramento | CA | 12345 | USA | 209.63.220.222 | 8005 | 11111 | WebInteract |
| 12 | 18-12345 | Linux Three Car 199 Sun | 6150 Warehouse Way | Sacramento | CA | 95628 | USA | 209.63.220.222 | 8006 | 11111 | WebInteract |

WebInteract CMS Select View
Version: 2.0.1.15

| ID | EC Job | Job Name | Address | City | State | Zip | Country | ServerIP | ServerPort | Customer Job |
|----|----------|-----------------------------------|--------------------|------------|-------|-------|---------|---------------|------------|--------------|
| 1 | 15-12345 | CMS_177 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.177 | 8443 | 11111 |
| 5 | 15-12345 | Pixel Research Development_178_26 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.178 | 8443 | 11111 |
| 6 | 11-11111 | EC Three Car Group_11_1 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.11 | 8443 | 11111 |
| 7 | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 11111 |
| 9 | 25-00001 | HGGRJK2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 11111 |
| 10 | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 11111 |
| 11 | 15-12345 | Windows_7_64_87 | 6150 Warehouse Way | Sacramento | CA | 10913 | USA | 192.10.14.55 | 8888 | 11111 |
| 12 | 25-00001 | HGGRJK2_164_21 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.164 | 8443 | 11111 |
| 13 | 11-11111 | Group Two Car_36_24 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.36 | 8443 | 11111 |
| 14 | 27-12345 | Pixel Eight Car Group_73_27 | 6150 Warehouse Way | Sacramento | CA | 95826 | USA | 192.10.14.73 | 8443 | 11111 |

6.5 Access the Multiple View Page to begin monitoring remote Pixel Systems

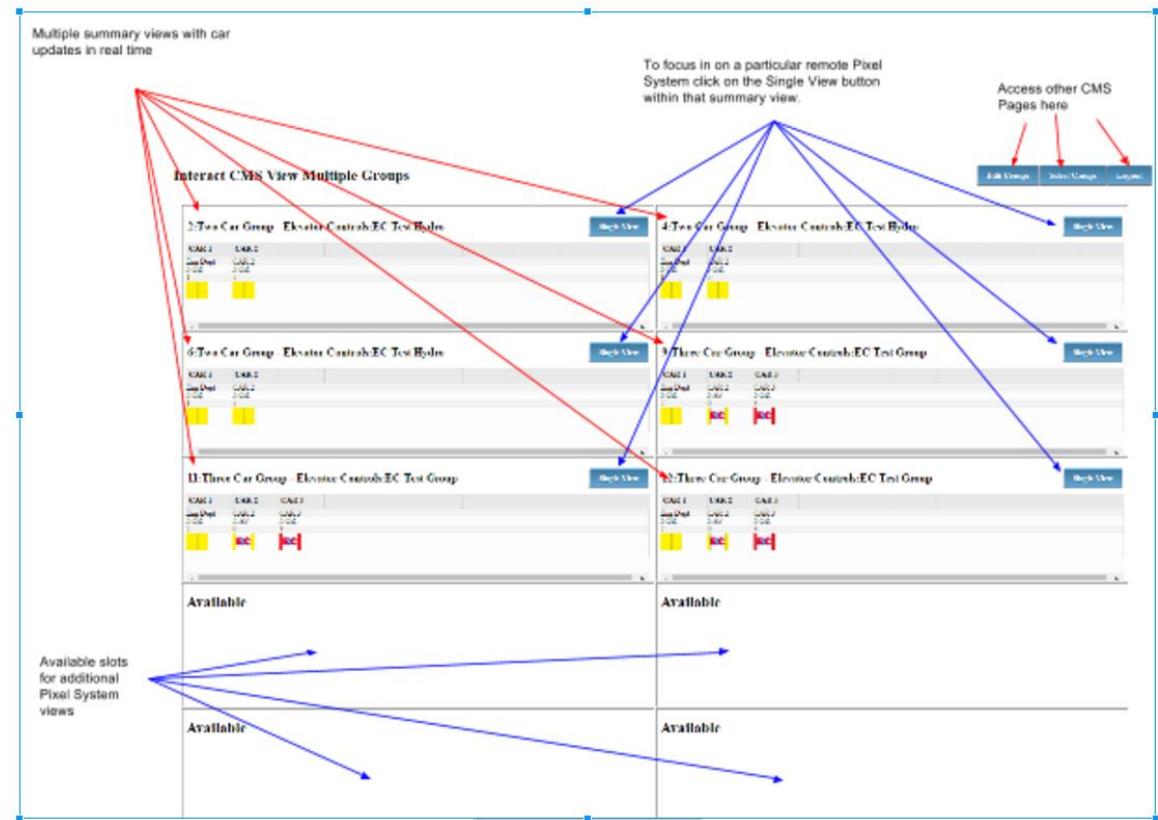
1. From the “Multiple View” page, we can monitor a summary view of all the remote Pixel Systems.

WebInteract CMS Multiple View

[Resize](#) [Edit View](#) [Select View](#) [Logout](#)



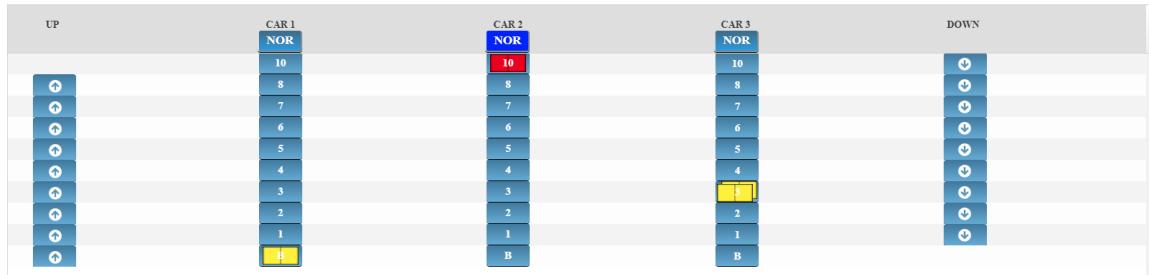
2. Click on any “Single View” button to bring up a WebInteract window for the selected Pixel System.



3. The full capabilities of WebInteract will be available for use in this new tab. The Multiple View page will continue in its original browser tab.

HGGRJK2.164.21

Home



- This view contains the same view as a client WebInteract browser windows except it is encapsulated in the CMS overall frame windows so that the user can easily go back to Multiple View, Search View or Edit View.
- Single view will have all the functionality of WebInteract.
- This window will display a real-time summary of the selected Pixel Systems from the Searchable Selectable View.
- There is no real limit to the number of Pixel Systems which can be displayed because a vertical scroll bar will allow access to all the Pixel Systems. There may be a bandwidth performance issue if there are too many Pixel Systems being monitored due to the normal active WebInteract protocol.

4. From the "Multiple View" page, we can get to the other primary pages.

a. Edit View

WebInteract CMS Multiple View



b. Select View

WebInteract CMS Multiple View



c. Logout