



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

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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.

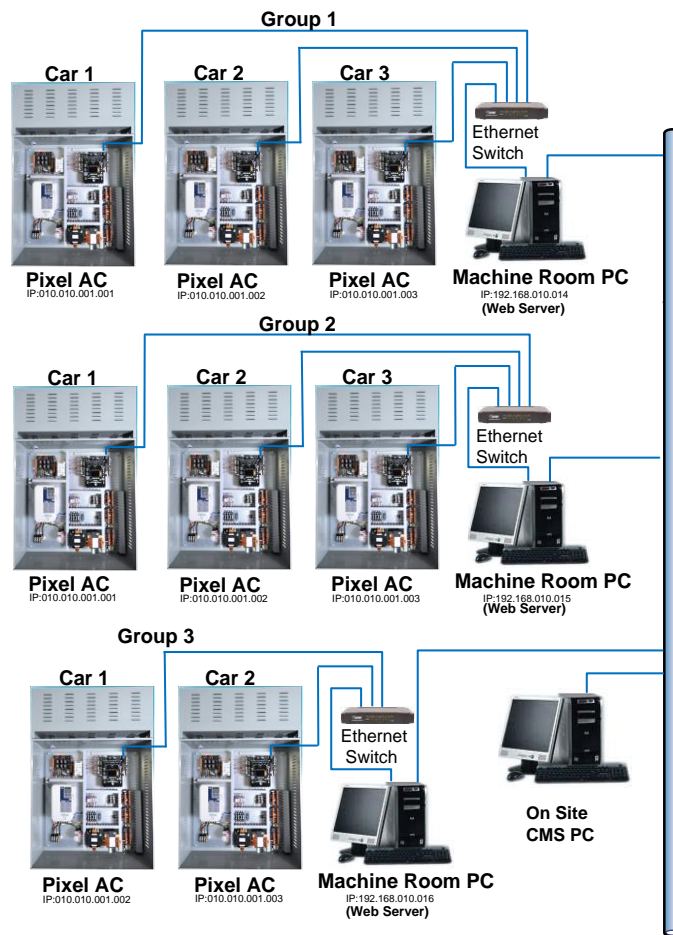


Figure 1. CMS and Pixel Systems all residing on a Dedicated Network

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.

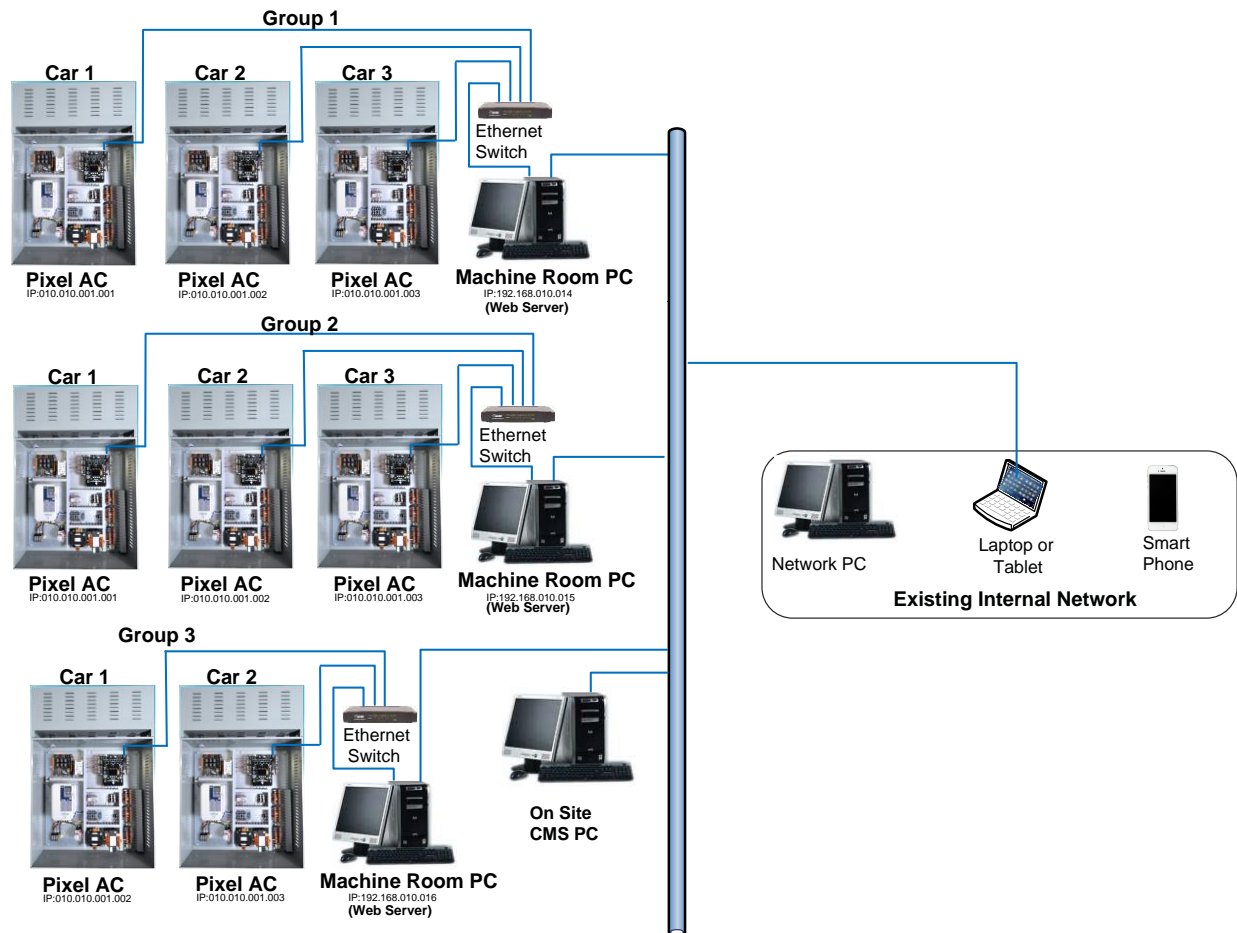


Figure 2. CMS and Pixel Systems all residing in an Internal Network

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.

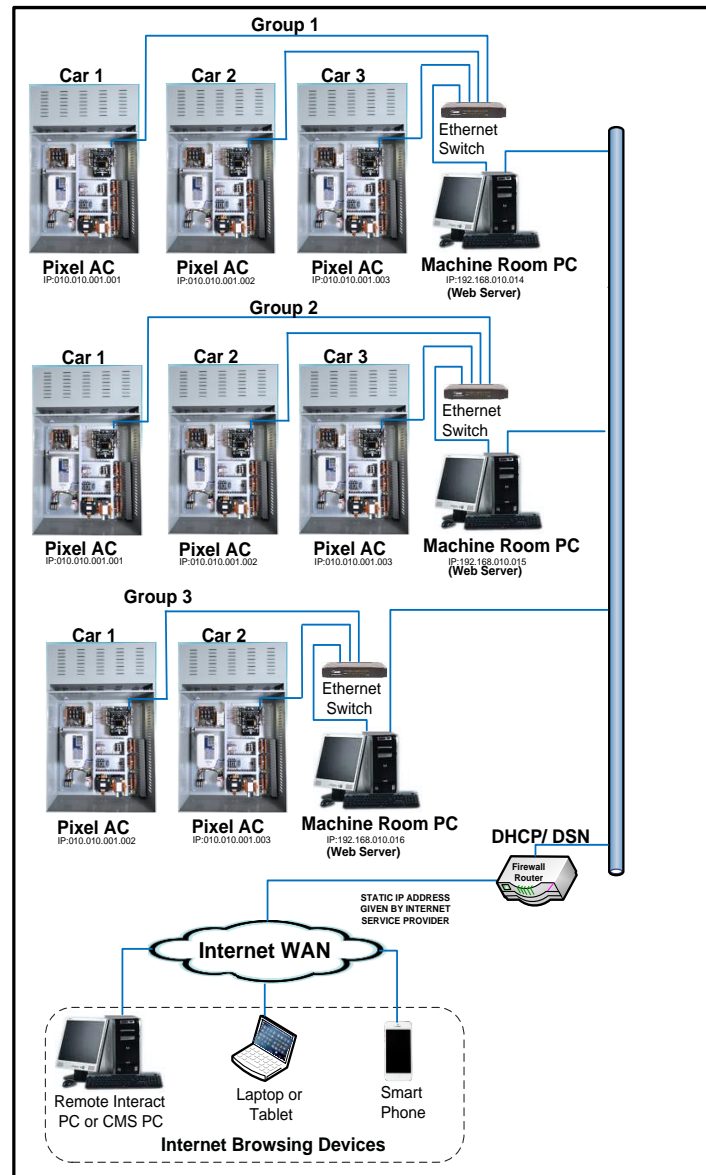


Figure 3. CMS and Remote Pixel Systems Spread Out over the Internet

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

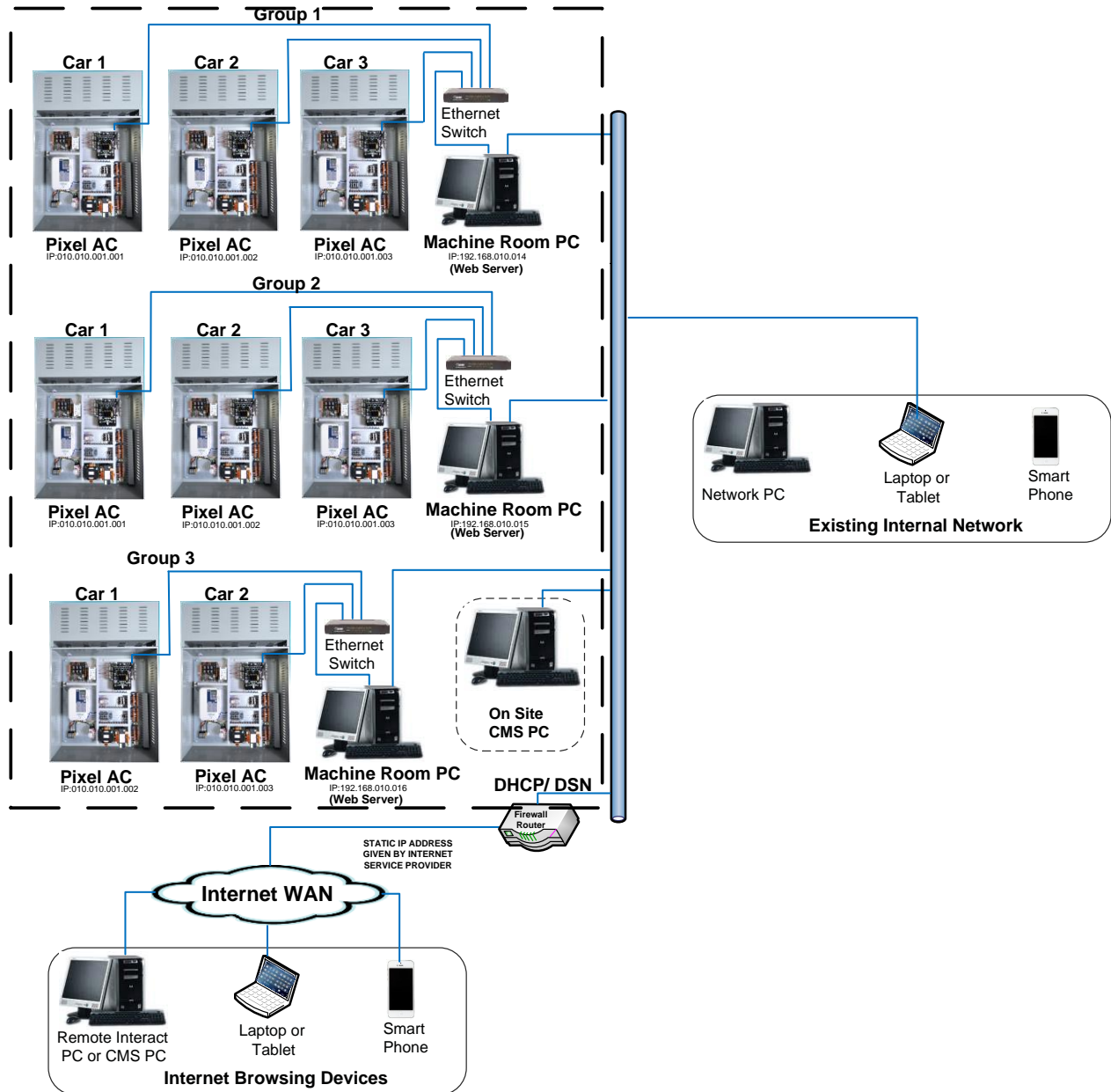


Figure 4. CMS IP Addressing for a dedicated internal network

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

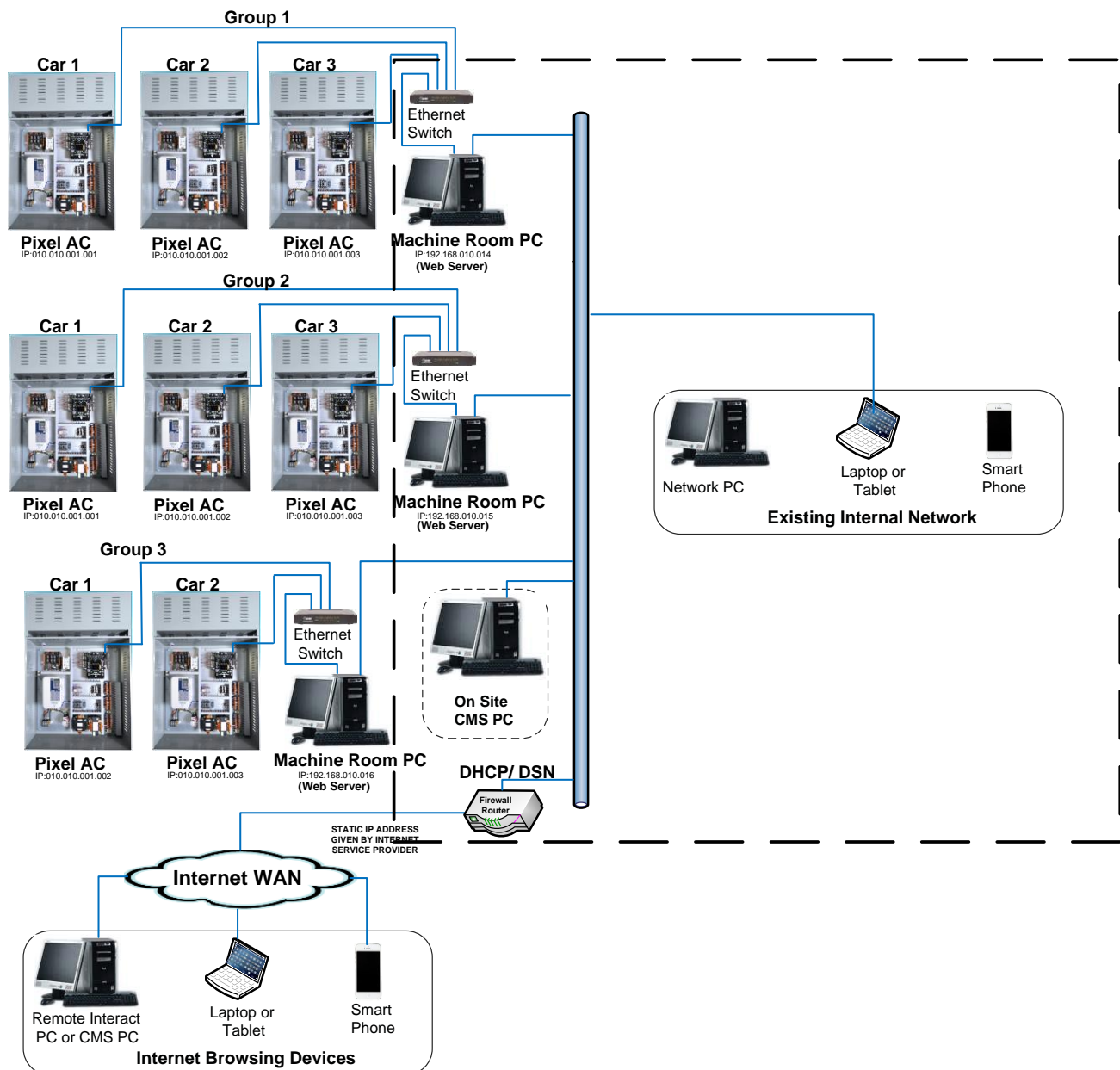


Figure 5. CMS IP Addressing on an existing internal network

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

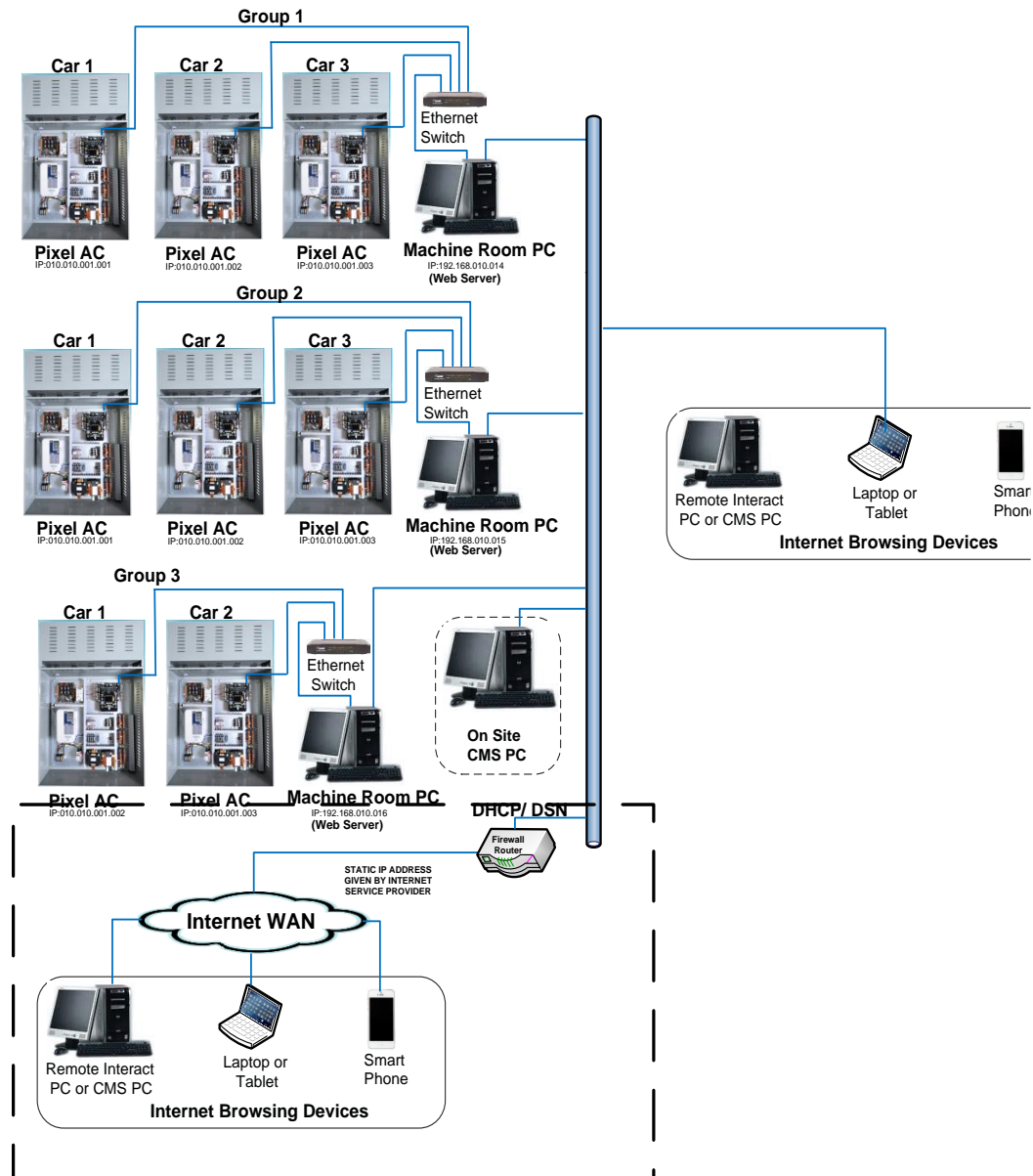


Figure 6. CMS IP Addressing for a remote CMS PC

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 Interact 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					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
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, of either an internal or external pinhole IP address).

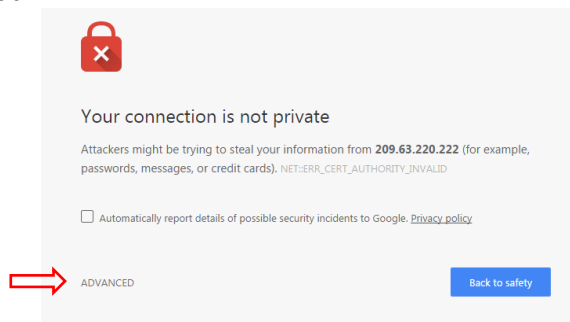
e.g. <https://209.63.220.222:8007/WebInteract>

NOTE:

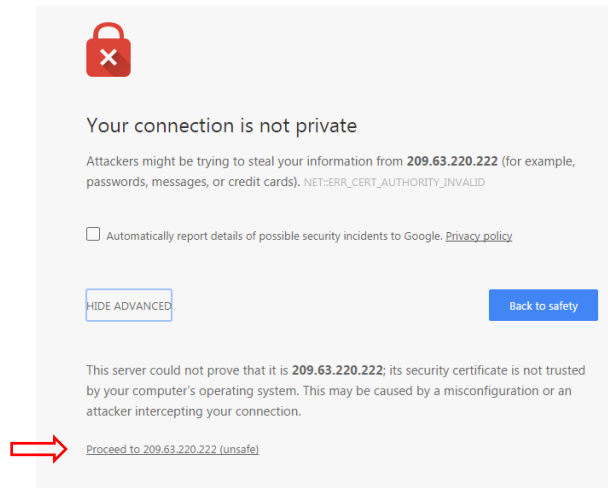
When logging onto the CMS PC using the **secure port 8443**, (URL starting with **HTTPS://** instead of **HTTP://** indicates secure port usage) any Machine Room PC registered with the CMS PC must also use a secure port URL. The Machine Room PCs will not be viewable and will not communicate if they are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

Password

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

Version: 2.0.1.15

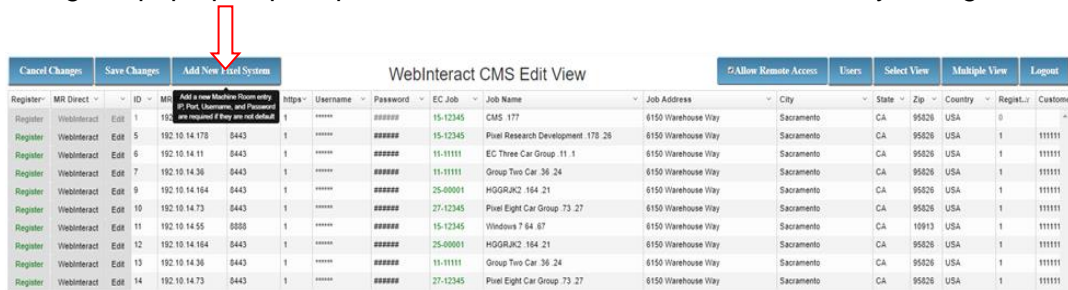
ID	EC Job	Job Name	Address	City	State	Zip	Country	ServerIP	Job
1	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95826	USA	192.10.14.177	8443
5	15-12345	Pixel Research Development 178 26	6150 Warehouse Way	Sacramento	CA	95826	USA	192.10.14.178	8443
6	11-11111	EC Three Car Group 11 1	6150 Warehouse Way	Sacramento	CA	95826	USA	192.10.14.11	8443
7	11-11111	Group Two Car 36 24	6150 Warehouse Way	Sacramento	CA	95826	USA	192.10.14.36	8443
9	25-00001	HGGRJK2 164 21	6150 Warehouse Way	Sacramento	CA	95826	USA	192.10.14.164	8443
10	27-12345	Pixel Eight Car Group 73 27	6150 Warehouse Way	Sacramento	CA	95826	USA	192.10.14.73	8443
11	15-12345	Windows 7 64 67	6150 Warehouse Way	Sacramento	CA	10913	USA	192.10.14.55	8588
12	25-00001	HGGRJK2 164 21	6150 Warehouse Way	Sacramento	CA	95826	USA	192.10.14.164	8443
13	11-11111	Group Two Car 36 24	6150 Warehouse Way	Sacramento	CA	95826	USA	192.10.14.36	8443
14	27-12345	Pixel Eight Car Group 73 27	6150 Warehouse Way	Sacramento	CA	95826	USA	192.10.14.73	8443

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.

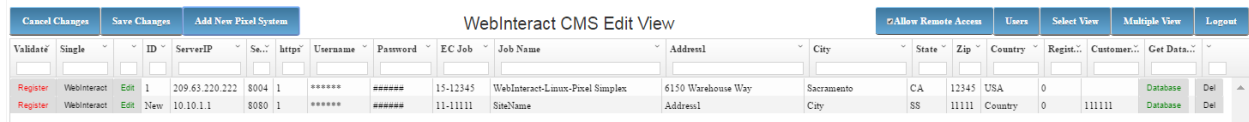
WebInteract CMS Edit View

Validat	Single	ID	ServerIP	Se	http	Username	Password	EC Job	Job Name	Address	City	State	Zip	Country	Regist	Customer	Get Data
Register	WebInteract	1	209.63.220.222	8004	1	*****	*****	15-12345	WebInteract-Linux-Pixel Simplex	6150 Warehouse Way	Sacramento	CA	12345	USA	0		Database

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.

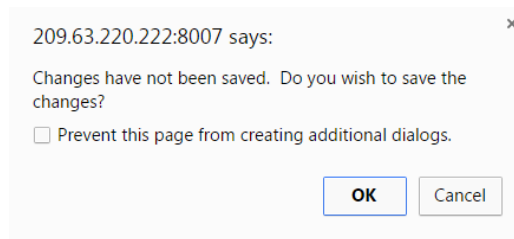


The screenshot shows the 'WebInteract CMS Edit View' interface. At the top, there are three buttons: 'Cancel Changes', 'Save Changes', and 'Add New Pixel System'. A red arrow points to the 'Add New Pixel System' button. Below the buttons is a table with columns: Register, MR Direct, ID, ServerIP, Se..., https, Username, Password, EC Job, Job Name, Address, City, State, Zip, Country, Registr..., and Customer. The table contains several rows of data, each representing a different system configuration.

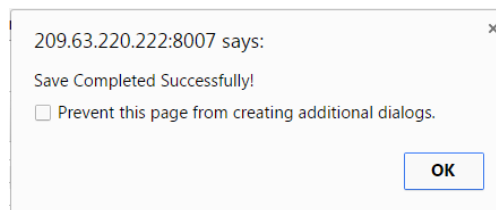


The screenshot shows the 'WebInteract CMS Edit View' interface. At the top, there are three buttons: 'Cancel Changes', 'Save Changes', and 'Add New Pixel System'. Below the buttons is a table with columns: Validate, Single, ID, ServerIP, Se..., https, Username, Password, EC Job, Job Name, Address, City, State, Zip, Country, Registr..., Customer, Get Data..., and Del. The table contains several rows of data, each representing a different system configuration.

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.
 - a. Fill in the following minimum required information for each remote MR-PC:
 - i. Server IP in the form xxx.xxx.xxx.xxx. e.g. 209.63.220.222
 - ii. Server Port in the form of a decimal number 1 to 65535
 - iii. https field should be set to 1 (default) for secure communications.
 - iv. Username string. e.g. “customer”.
 - v. Password string. e.g. “elevator”.
8. Clicked “Save Changes”.
9. 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.
10. If the above step is successful, then register should work without problems. Click on the “Register” button and continue with the next steps.
11. 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.



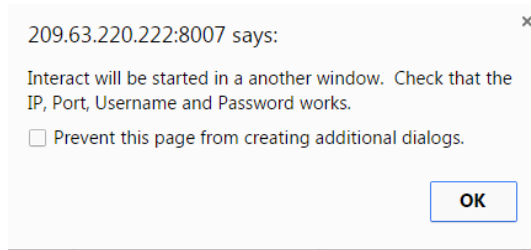
12. Another dialog will pop up to signify that the latest changes have been saved to the CMS database. Click “OK” to continue.



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 then button is red, does the CMS extract the information from the Machine Room PC.

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..	https	Username	Password	EC Job	Job Name	Address1	City	State	Zip	Country	Regist..	Customer..	Get Data..						
Register	WebInteract	Edt	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	Edt	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	Edt	9	209.63.220.222	8002	1	*****	*****	15-12345	WebInteract Hydro	6150 Warehouse Way	Sacramento	CA	12345	USA	1	111111	Database	Del				
Register	WebInteract	New	209.63.220.222	8003	1	*****	*****	11-11111	SiteName	Address1	City	SS	11111	Country	0	111111	Database	Del					
Register	WebInteract	Edt	New	209.63.220.222	8005	1	*****	*****	11-11111	SiteName	Address1	City	SS	11111	Country	0	111111	Database	Del				
Register	WebInteract	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										Allow Remote Access		Users	Select View	Multiple View		Logout
Validate	Single		ID	ServerIP	Se.№	https	Username	Password	EC Job	Job Name	Address	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.

Validate	Single	ID	ServerIP	Se.	http	Username	Password	EC Job	Job Name	Address1	City	State	Zip	Country	Regist.	Customer	Get Data	
Register	WebInteract	Edit	1	209.63.220.222	0004	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	0001	1	*****	*****	15-12345	WebInteract-Linux 218 Sun	6150 Warehouse Way	Sacramento	CA	12345	USA	1	Database	Del
Register	WebInteract	Edit	9	209.63.220.222	0002	1	*****	*****	15-12345	WebInteract Hydro	6150 Warehouse Way	Sacramento	CA	12345	USA	1	Database	Del
Register	WebInteract	Edit	New	209.63.220.222	0003	1	*****	*****	11-11111	SiteName	Address1	City	SS	11111	Country	0	Database	Del
Register	WebInteract	Edit	New	209.63.220.222	0005	1	*****	*****	11-11111	SiteName	Address1	City	SS	11111	Country	0	Database	Del
Register	WebInteract	Edit	New	209.63.220.222	0006	1	*****	*****	11-11111	SiteName	Address1	City	SS	11111	Country	0	Database	Del

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.

localhost:8443 says:

Are you sure you want to disable access to this page outside of localhost?
You may lose current access to this page?

☐ Prevent this page from creating additional dialogs.

OK Cancel

localhost:8443 says:

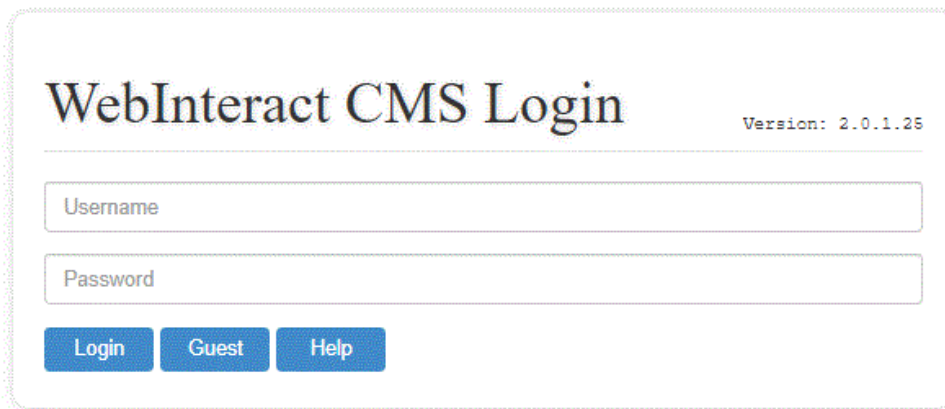
WARNING: Disabling remote access to this page...

☐ Prevent this page from creating additional dialogs.

OK

5 WebInteract CMS Monitoring and Management Pages

5.1 WebInteract CMS Login Page



The login page features a title 'WebInteract CMS Login' and a version number 'Version: 2.0.1.25'. It includes two input fields for 'Username' and 'Password', and three buttons: 'Login', 'Guest', and '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										
Download All Select All Help License			Version: 2.0.0.99							
			Edit View Multiple View Logout							
ID	EC Job	Job Name	Address	City	State	Zip	Country	ServerIP	ServerPort	Customer Job
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	WebInteract
9	15-12345	WebInteract-Hydro	6150 Warehouse Way	Sacramento	CA	12345	USA	209.63.220.222	8002	WebInteract
10	15-12345	WebInteract - Windows 3 Car Traction	6150 Warehouse Way	Sacramento	CA	12345	USA	209.63.220.222	8003	WebInteract
11	15-12345	2 Car Linux Sim	6150 Warehouse Way	Sacramento	CA	12345	USA	209.63.220.222	8005	WebInteract
12	18-12345	Linux Three Car 199 Sim	6150 Warehouse Way	Sacramento	CA	95628	USA	209.63.220.222	8006	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

Deselect All

Uncheck all Machine Rooms to monitor in Multiple View

License

WebInteract CMS Select View

Edit View

Multiple View

Logout

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		
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 67	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	

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

Deselect All

Select All

Help

License

WebInteract CMS Select View

Edit View

Multiple View

Logout

Version: 2.0.1.15

Check all Machine Rooms to monitor in Multiple View

ID			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		
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 67	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	

3. Help Button: Display this document online

Deselect All

Select All

Help

License

WebInteract CMS Select View

Edit View

Multiple View

Logout

Version: 2.0.1.15

View CMS Help Documentation

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	
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 .67	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

Deselect All

Select All

Help

License

WebInteract CMS Select View

Edit View

Multiple View

Logout

Version: 2.0.1.15

View CMS WebInteract License

✓ 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	
✓ 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 .67	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

Deselect All

Select All

Help

License

WebInteract CMS Select View

Version: 2.0.1.15

Edit View

Multiple View

Logout

ID

EC Job

Job Name

Address

City

State

Zip

Country

ServerIP

Job

Switch to Machine Room Side Details Edit Page

1	15-12345	CMS .177	6150 Warehouse Way	Sacramento	CA	95826	USA	192.10.14.177	8443	
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 .67	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

Deselect All

Select All

Help

License

WebInteract CMS Select View

Version: 2.0.1.15

Edit View

Multiple View

Logout

ID

EC Job

Job Name

Address

City

State

Zip

Country

ServerIP

ServerPort

1

15-12345

CMS 177

6150 Warehouse Way

Sacramento

CA

95826

USA

192.10.14.177

8443

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 67

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

Switch to Machine Room Summary Page

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

WebInteract CMS Select View
Version: 2.0.1.15

Buttons: Deselect All, Select All, Help, License, Edit View, M Log out of CMS, Logout

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 64.67	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

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

WebInteract CMS Edit View

Buttons: Cancel Changes, Save Changes, Add New Pixel System, Allow Remote Access, Users, Select View, Multiple View, Logout

Fields: Validate, Single, ID, ServerIP, Se., https, Username, Password, EC Job, Job Name, Address1, City, State, Zip, Country, Regist., Customer, Get Data, Del

Edit View Page From Factory
Only CMS Entry is shown

Validate	Single	ID	ServerIP	Se.	https	Username	Password	EC Job	Job Name	Address1	City	State	Zip	Country	Regist.	Customer	Get Data	Del
Register	WebInteract	Edit	1	209.63.220.222	8004	0	*****	*****	15-12345	WebInteract-CMS	6150 Warehouse Way	Sacramento	CA	12345	USA	1		

Edit View Page with Remote Machine Room PCs running WebInteract
1 CMS, 2 Registered MR-PCs, and 3 UnRegistered MR-PCs

Validate	Single	ID	ServerIP	Se.	https	Username	Password	EC Job	Job Name	Address1	City	State	Zip	Country	Regist.	Customer	Get Data	Del
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 Sam	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

Edit View Page Initial Required Fields for Register Check

Validate	Single	ID	ServerIP	Se.	https	Username	Password	EC Job	Job Name	Address1	City	
Register	WebInteract	Edit	1	209.63.220.222	8004	0	*****	*****	15-12345	WebInteract-CMS	6150 Warehouse Way	Sacramento

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		Cancel all CMS edits on this page since the last save		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	Registr.	Custom				
Register	WebInteract	Edit	1	192.10.14.177	8443	1	*****	*****	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95626	USA	0				
Register	WebInteract	Edit	5	192.10.14.178	8443	1	*****	*****	15-12345	Pixel Research Development 178. 26	6150 Warehouse Way	Sacramento	CA	95626	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	95626	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	95626	USA	1	111111			
Register	WebInteract	Edit	9	192.10.14.164	8443	1	*****	*****	25-00001	HQGRJJK 164. 21	6150 Warehouse Way	Sacramento	CA	95626	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	95626	USA	1	111111			
Register	WebInteract	Edit	11	192.10.14.55	8086	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	HQGRJJK 164. 21	6150 Warehouse Way	Sacramento	CA	95626	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	95626	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	95626	USA	1	111111			

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

Cancel Changes			Save Changes			Add New Pixel System			WebInteract CMS Edit View										Allow Remote Access		Users		Select View		Multiple View		Logout	
Register	MR ID	Save edits on this page and push CMS changes to Machine Fusion			MR Port	https	Username	Password	EC Job	Job Name	Job Address	City	State	Zip	Country	Registr.	Custom											
Register	WebInteract	PCX	14	177	8443	1	*****	*****	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95626	USA	0	^											
Register	WebInteract	Edit	5	192.10.14	178	8443	1	*****	*****	15-12345	Pixel Research Development 178.26	6150 Warehouse Way	Sacramento	CA	95626	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	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	Registr.	Custom						
Register	WebInteract	Edit	1	192.10.14.177	8443	1	*****	*****	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95626	USA	0	^						
Register	WebInteract	Edit	5	192.10.14.178	8443	1	*****	*****	15-12345	Pixel Research Development 178.26	6150 Warehouse Way	Sacramento	CA	95626	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	95626	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										<input checked="" type="checkbox"/> 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	Registr.	Custom									
Register	WebInteract	Edit	1	192.10.14.177	8443	1	*****	*****	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95626	USA	0	^								
Register	WebInteract	Edit	5	192.10.14.178	8443	1	*****	*****	15-12345	Pixel Research Development 178.26	6150 Warehouse Way	Sacramento	CA	95626	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	95626	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	Registr.	Custom												
Register	WebInteract	Edit	1	192.10.14.177	8443	1	*****	*****	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95626	USA	0	^											
Register	WebInteract	Edit	5	192.10.14.178	8443	1	*****	*****	15-12345	Pixel Research Development 178.26	6150 Warehouse Way	Sacramento	CA	95626	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	Registr.	Custom									
Register	WebInteract	Edit	1	192.10.14.177	8443	1	*****	*****	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95626	USA	0	^								

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	Registr.	Custom					
Register	WebInteract	Edit	1	192.10.14.177	8443	1	*****	*****	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95626	USA	0	^				
Register	WebInteract	Edit	5	192.10.14.178	8443	1	*****	*****	15-12345	Pixel Research Development 178.26	6150 Warehouse Way	Sacramento	CA	95626	USA	1	111111				

8. Logout Button: Logout of the CMS

Cancel Changes	Save Changes	Add New Pixel System	WebInteract CMS Edit View										Allow Remote Access	Users	Select View	Log out of CMS	Logout
Register	MR Direct	ID	MR IP	MR Port	https	Username	Password	EC Job	Job Name	Job Address	City	State	Zip	Country	Register	Customer	
Register	WebInteract	Edit	1	192.10.14.177	8443	1	*****	*****	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95626	USA	0	-

5.3.3 WebInteract Edit View Fields

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		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	Address	City	SS	11111	Country	0	111111	Database	Del							
Register	WebInteract	Edit	New	209.63.220.222	8005	1	*****	*****	11-11111	SiteName	Address	City	SS	11111	Country	0	111111	Database	Del							
Register	WebInteract	Edit	New	209.63.220.222	8006	1	*****	*****	11-11111	SiteName	Address	City	SS	11111	Country	0	111111	Database	Del							

- 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.

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	Register	Customer	
Register	WebInteract	Edit	1	192.10.14.177	8443	1	*****	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95626	USA	0	-	
Register	WebInteract	Edit	5	192.10.14.178	8443	1	*****	15-12345	Pixel Research Development 178 26	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	
Register	WebInteract	Edit	6	192.10.14.11	8443	1	*****	11-11111	EC Three Car Group 11 1	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	
Register	WebInteract	Edit	7	192.10.14.36	8443	1	*****	11-11111	Group Two Car 36 24	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	
Register	Establish initial communication with Machine Room and adjust	192.10.14.164	8443	1	*****	*****	25-00001	HGGRJK2 164 21	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	Del	
Register	Set details from Machine Room	192.10.14.73	8443	1	*****	*****	27-12345	Pixel Eight Car Group 73 27	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	Del	
Register	If Register fails, use MR Direct WebInteract button to troubleshoot	192.10.14.55	8088	1	*****	*****	15-12345	Windows 7 64 67	6150 Warehouse Way	Sacramento	CA	10913	USA	1	Database	Del	
Register	WebInteract	Edit	12	192.10.14.164	8443	1	*****	25-00001	HGGRJK2 164 21	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	Del
Register	WebInteract	Edit	13	192.10.14.36	8443	1	*****	11-11111	Group Two Car 36 24	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	Del
Register	WebInteract	Edit	14	192.10.14.73	8443	1	*****	27-12345	Pixel Eight Car Group 73 27	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	Del

- 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.

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	Register	Customer												
Register	WebInteract	Edit	1	192.10.14.177	8443	1	*****	*****	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95626	USA	0	-											
			5	192.10.14.178	8443	1	*****	*****	15-12345	Pixel Research Development 178 26	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	Del										
			6	192.10.14.11	8443	1	*****	*****	11-11111	EC Three Car Group 11 1	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	Del										
			7	192.10.14.36	8443	1	*****	*****	11-11111	Group Two Car 36 24	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	Del										
			9	192.10.14.164	8443	1	*****	*****	25-00001	HGGRJK2 164 21	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	Del										
Register	WebInteract	Edit	10	192.10.14.73	8443	1	*****	*****	27-12345	Pixel Eight Car Group 73 27	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	Del										
Register	WebInteract	Edit	11	192.10.14.55	8088	1	*****	*****	15-12345	Windows 7 64 67	6150 Warehouse Way	Sacramento	CA	10913	USA	0	Database	Del										
Register	WebInteract	Edit	12	192.10.14.164	8443	1	*****	*****	25-00001	HGGRJK2 164 21	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	Del										
Register	WebInteract	Edit	13	192.10.14.36	8443	1	*****	*****	11-11111	Group Two Car 36 24	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	Del										
Register	WebInteract	Edit	14	192.10.14.73	8443	1	*****	*****	27-12345	Pixel Eight Car Group 73 27	6150 Warehouse Way	Sacramento	CA	95626	USA	1	Database	Del										

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	Registr...	Custom...							
Register	WebInteract ready to Mailroom Room for Troubleshooting	1	192.10.14.177	8443	1	*****	*****	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95626	USA	0	-							
		5	192.10.14.178	8443	1	*****	*****	15-12345	Pixel Research Development 178 26	6150 Warehouse Way	Sacramento	CA	95626	USA	1	11111111							
Register	WebInteract	Edit	6	192.10.14.11	8443	1	*****	*****	11-11111	EC Three Car Group 11 1	6150 Warehouse Way	Sacramento	CA	95626	USA	1	11111111						
Register	WebInteract	Edit	7	192.10.14.36	8443	1	*****	*****	11-11111	Group Two Car 36 24	6150 Warehouse Way	Sacramento	CA	95626	USA	1	11111111						
Register	WebInteract	Edit	9	192.10.14.164	8443	1	*****	*****	25-00001	HGGRJK2 164 21	6150 Warehouse Way	Sacramento	CA	95626	USA	1	11111111						
Register	WebInteract	Edit	10	192.10.14.73	8443	1	*****	*****	27-12345	Pixel Eight Car Group 73 27	6150 Warehouse Way	Sacramento	CA	95626	USA	1	11111111						
Register	WebInteract	Edit	11	192.10.14.55	8088	1	*****	*****	15-12345	Windows 7 64 67	6150 Warehouse Way	Sacramento	CA	10913	USA	1	11111111						
Register	WebInteract	Edit	12	192.10.14.164	8443	1	*****	*****	25-00001	HGGRJK2 164 21	6150 Warehouse Way	Sacramento	CA	95626	USA	1	11111111						
Register	WebInteract	Edit	13	192.10.14.36	8443	1	*****	*****	11-11111	Group Two Car 36 24	6150 Warehouse Way	Sacramento	CA	95626	USA	1	11111111						
Register	WebInteract	Edit	14	192.10.14.73	8443	1	*****	*****	27-12345	Pixel Eight Car Group 73 27	6150 Warehouse Way	Sacramento	CA	95626	USA	1	11111111						

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

The 'Edit Row' pop-up window is displayed over the 'WebInteract CMS Edit View' table. The table has columns: Register, MR Direct, ID, MR IP, MR Port, https, Username, Password, EC Job, Job Name, Job Address, City, State, Zip, Country, Register, Customer. The 'Edit Row' window contains the following fields:

- Job Name: 11-11111
- Address: 6150 Warehouse Way
- City: Sacramento
- State: CA
- Zip: 95826
- Country: USA
- ServerIP: 192.10.14.11
- ServerPort: 8443
- Username: customer
- Password: 111111
- Customer Job: 111111

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

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.	Customer	
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	192.10.14.17	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	HGGRJ2.164.21	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	8888	1	*****	15-12345	Windows 7 84.67	6150 Warehouse Way	Sacramento	CA	10913	USA	0	111111	
Register	WebInteract	Edit	12	192.10.14.164	8443	1	*****	25-00001	HGGRJ2.164.21	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	

6. ServerPort: Remote Pixel System public pinhole port address

7. Username: Remote WebInteract Pixel System administrator username

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	Registr.	Customer	
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	HGGRJ2.164.21	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	8888	1	*****	15-12345	Windows 7 84.67	6150 Warehouse Way	Sacramento	CA	10913	USA	0	111111	
Register	WebInteract	Edit	12	192.10.14.164	8443	1	*****	25-00001	HGGRJ2.164.21	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	

8. Password: Remote WebInteract Pixel System administrator password

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..	Customer	
Register	WebInteract	Edit	1	192.10.14.177	8443	1	*****	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95826	USA	0	1	
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	HGGRJ2.164.21	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	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	HGGRJ2.164.21	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	

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

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.	Customer								
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	HGGRJ2C 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	8080	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	HGGRJ2C 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

Cancel Changes			Save Changes			Add New Pixel System			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									
WebInteract	Edit	1	192.10.14.177	8443	1	*****	*****	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95826	USA	0	111111	Del							
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	Del							
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	Del							
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	Del							
WebInteract	Edit	9	192.10.14.164	8443	1	*****	*****	25-00001	HGGRJ2C 164 21	6150 Warehouse Way	Sacramento	CA	95826	USA	1	111111	Del							
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	Del							
WebInteract	Edit	11	192.10.14.55	8080	1	*****	*****	15-12345	Windows 7 64 87	6150 Warehouse Way	Sacramento	CA	10913	USA	0	111111	Del							
WebInteract	Edit	12	192.10.14.164	8443	1	*****	*****	25-00001	HGGRJ2C 164 21	6150 Warehouse Way	Sacramento	CA	95826	USA	1	111111	Del							
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	Del							
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	Del							

5.4 Manage Login User Accounts (CMSAdmin only)

Manage Login User Accounts

Name

Password

User Role

Email

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: cmstech

Password:

User Role: CMSTech

Email:

Search Clear Email Details 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.

Manage Login User Accounts

Name: username1

Password:

User Role: CMSTech

Email: ems2@example.com

Search Clear Email Details Submit

The image shows a web form titled 'Manage Login User Accounts'. The first part shows a search result for the username 'cmstech', which has been associated with the 'CMSTech' role. The second part, enclosed in a red box, shows the form after clicking the 'Clear' button, with fields for Name (username1), Password, User Role (CMSTech), and Email (ems2@example.com). Red arrows point from the text instructions to the corresponding fields in the form.

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

Buttons: [Edit View](#) [Select View](#) [Logout](#)

5:Pixel Research Development .178 .26
Car 1
NOR
22

6:EC Three Car Group .11 .1
Car 1
NOR
10

Car 2
INSP
2

Car 3
NAV
0

7:Group Two Car .36 .24
Car 1
NOR
6

Car 2
NOR
1

9:HGGJJK2 .164 .21
Car 1
NOR
1

Car 2
NOR
6

Car 3
NOR
4

10:Pixel Eight Car Group .73 .27
Car 1
NOR
1

Car 2
NOR
26

Car 3
NAV
0

Car 4
NAV
0

Car 5
NAV
0

Car 6
NAV
0

Car 7
NOR
9

Car 8
NOR
17

11:Windows 7 64 .67
Car 1
NAV
10

Car 2
NOR
2

Available

b. Two columns

WebInteract CMS Multiple View

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

5:Pixel Research Development .178 .26
Car 1
NOR
22

6:EC Three Car Group .11 .1
Car 1
NOR
10

Car 2
INSP
2

Car 3
NAV
0

7:Group Two Car .36 .24
Car 1
NOR
6

Car 2
NOR
1

9:HGGJJK2 .164 .21
Car 1
NOR
1

Car 2
NOR
6

Car 3
NOR
4

10:Pixel Eight Car Group .73 .27
Car 1
NOR
1

Car 2
NOR
26

Car 3
NAV
0

Car 4
NAV
0

Car 5
NAV
0

Car 6
NAV
0

Car 7
NOR
9

Car 8
NOR
17

11:Windows 7 64 .67
Car 1
NAV
10
















Car 2
NOR
2

Available

Switch Between 1,2,3,4,5 columns





















c. Three columns

WebInteract CMS Multiple View

WebInteract CMS Multiple View										Resize	Edit View	Select View	Logout		
5:Pixel Research Development .178 .26			6:EC Three Car Group .11 .1					7:Group Two Car .36 .24							
Car 1 NOR 22			Car 1 NOR 10	Car 2 INSP 2	Car 3 NAV 0				Car 1 NOR 8	Car 2 NOR 1					
															
8:HGGGRJK2 .164 .21			Car 1 NOR 1	Car 2 NOR 2	Car 3 NOR 4										
															
13:Group Two Car .36 .24			Car 1 NOR 8	Car 2 NOR 1											
															
			10:Pixel Eight Car Group .73 .27					12:HGGGRJK2 .164 .21							
Car 1 NOR 1	Car 2 NOR 17	Car 3 NAV 0	Car 4 NAV 0	Car 5 NAV 0	Car 6 NAV 0	Car 7 NOR 25	Car 8 NOR 1	Car 1 NOR 1	Car 2 NOR 2	Car 3 NOR 4					
															
			14:Pixel Eight Car Group .73 .27												
Car 1 NOR 1	Car 2 NOR 17	Car 3 NAV 0	Car 4 NAV 0	Car 5 NAV 0	Car 6 NAV 0	Car 7 NOR 9	Car 8 NOR 25								
															
Available															

d. Four Columns

WebInteract CMS Multiple View

WebInteract CMS Multiple View										Resize	Edit View	Select View	Logout				
6:Pixel Research Development .178 .26			8:EC Three Car Group .11 .1			7:Group Two Car .36 .24			9:HGGGRJK2 .164 .21 <small>Switch Between 1,2,3,4,5 columns</small>								
Car 1 NOR 22			Car 1 NOR 10	Car 2 INSP 2	Car 3 NAV 0	Car 1 NOR 8	Car 2 NOR 1			Car 1 NOR 1	Car 2 NOR 4	Car 3 NOR 4	Car 4 NAV 0	Car 5 NAV 0	Car 6 NAV 0	Car 7 NOR 25	Car 8 NOR 1
																	
10:Pixel Eight Car Group .73 .27			12:HGGGRJK2 .164 .21			13:Group Two Car .36 .24			14:Pixel Eight Car Group .73 .27								
Car 1 NOR 1	Car 2 NOR 17	Car 3 NAV 0	Car 4 NAV 0	Car 5 NAV 0	Car 6 NAV 0	Car 7 NOR 25	Car 8 NOR 1	Car 1 NOR 8	Car 2 NOR 1	Car 3 NOR 4	Car 4 NAV 0	Car 5 NAV 0	Car 6 NAV 0	Car 7 NOR 9	Car 8 NOR 25		
																	
Available			Available														

e. Five Columns

WebInteract CMS Multiple View

WebInteract CMS Multiple View

8:Pixel Research Development .178 .26

Car 1
NOR
22

</

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	Register	Customer							
Register	WebInteract	1	192.10.14.177	8443	1	*****	*****	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95826	USA	0	111111							Del
Register	WebInteract	5	192.10.14.178	8443	1	*****	*****	15-12345	Pixel Research Development .178 .26	6150 Warehouse Way	Sacramento	CA	95826	USA	1	111111							Del
Register	WebInteract	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
Register	WebInteract	7	192.10.14.36	8443	1	*****	*****	11-11111	Group Two Car .36 .24	6150 Warehouse Way	Sacramento	CA	95826	USA	1	111111							Del
Register	WebInteract	9	192.10.14.164	8443	1	*****	*****	25-00001	HGGGRJK2 .164 .21	6150 Warehouse Way	Sacramento	CA	95826	USA	1	111111							Del
Register	WebInteract	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
Register	WebInteract	11	192.10.14.55	8888	1	*****	*****	15-12345	Windows 7 64 .67	6150 Warehouse Way	Sacramento	NY	10913	USA	1	111111							Del

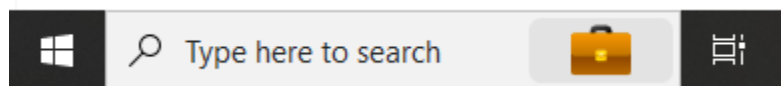
5.6 CMS Lobby Display

5.6.1 Enabling Feature

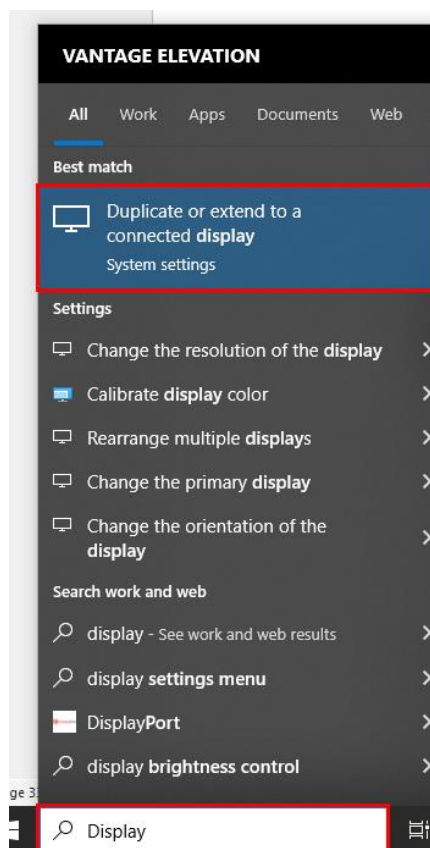
1. Navigate to "CMS Edit View" page.
2. Click the check box to enable.

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

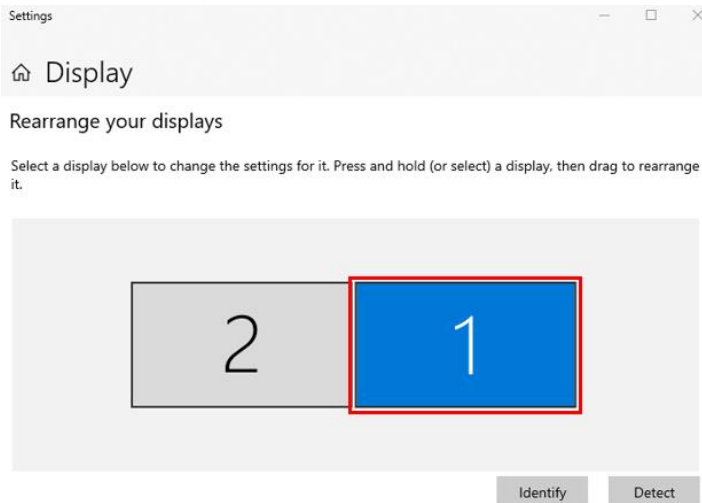
3. Configure Windows display setting.
 - a. Verify that both main and lobby monitor are connected to the PC and are displaying correctly.
 - b. Navigate to Windows taskbar.



- 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

✓ Allow Remote Access

✓ 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

- 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

- 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.

BACK

1253 P...

1 Car

1233 Pixel Classroom...

2 Cars

Grid layout of lobby display

Drag & drop to position

+

Add a row

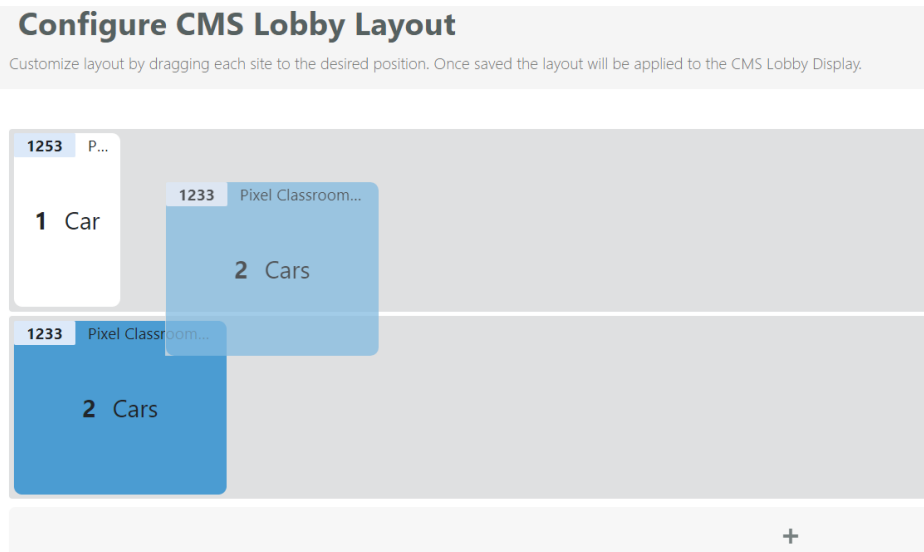
Cancel

Save

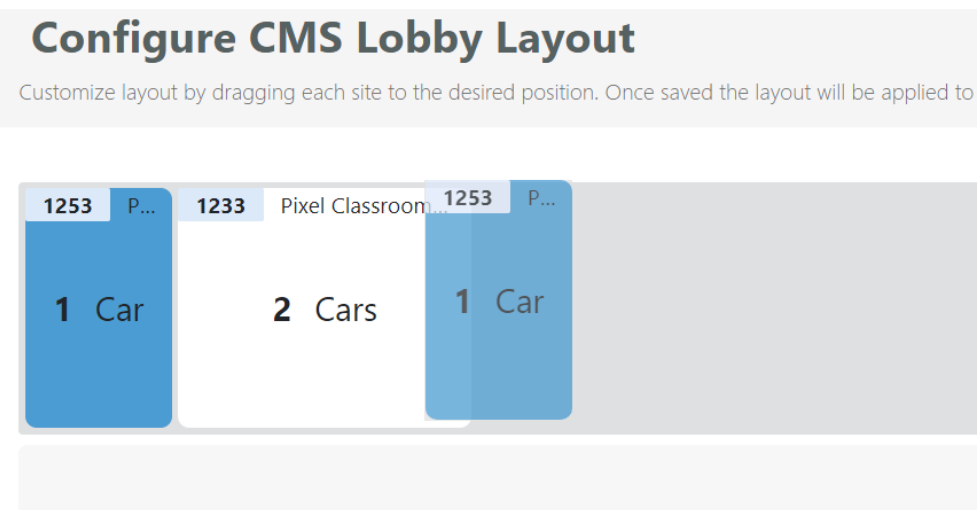
Save layout

Example

- a. Drag group #1233 to 1st row

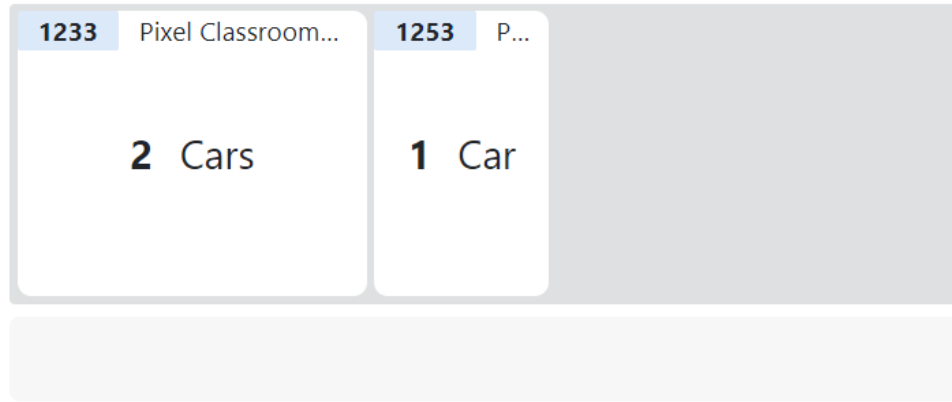


- b. Drag group #1253 to the right of group #1233



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.

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

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

Password

6.2 Search/Select Page

1. This 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	
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
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.

- The remote Pixel System administrator Username/Password field is also required for the CMS to function correctly.
- Click “Save Changes” to save the above information.
- Click “OK” to accept the changes.
- Click on “Register” to check communication with the remote Pixel system.
- A dialog will return providing information on the connection status with the remote Pixel System.
- 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.
- Repeat above steps for every added Pixel System.
- 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.
- 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

- 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													
Deselect All Select All Help License			Version: 2.0.1.15										Edit View Multiple View Logout
ID	EC Job	Job Name	Address	City	State	Zip	Country	ServerIP	ServerPort	Customer Job	Single		
<input type="checkbox"/>	15-12345	WebInteract-Linn-Pixel Simplex	6150 Warehouse Way	Sacramento	CA	12345	USA	209.63.220.222	8004			WebInteract	
<input checked="" type="checkbox"/>	15-12345	WebInteract-Linn-218 Sim	6150 Warehouse Way	Sacramento	CA	12345	USA	209.63.220.222	8001	111111		WebInteract	
<input checked="" type="checkbox"/>	15-12345	WebInteract-Hydro	6150 Warehouse Way	Sacramento	CA	12345	USA	209.63.220.222	8002	111111		WebInteract	
<input checked="" type="checkbox"/>	15-12345	WebInteract - Windows 3 Car Traction	6150 Warehouse Way	Sacramento	CA	12345	USA	209.63.220.222	8003	111111		WebInteract	
<input checked="" type="checkbox"/>	15-12345	2 Car Linn Sim	6150 Warehouse Way	Sacramento	CA	12345	USA	209.63.220.222	8005	111111		WebInteract	
<input checked="" type="checkbox"/>	18-12345	Linn Three Car 199 Sim	6150 Warehouse Way	Sacramento	CA	95628	USA	209.63.220.222	8006	111111		WebInteract	

WebInteract CMS Select View													
Deselect All Select All Help License			Version: 2.0.1.15										Edit View Multiple View Logout
ID	EC Job	Job Name	Address	City	State	Zip	Country	ServerIP	ServerPort	Customer Job	Single		
<input type="checkbox"/>	15-12345	CMS 177	6150 Warehouse Way	Sacramento	CA	95626	USA	192.10.14.177	8443				
<input checked="" type="checkbox"/>	15-12345	Pixel Research Development 178 26	6150 Warehouse Way	Sacramento	CA	95626	USA	192.10.14.178	8443	111111			
<input checked="" type="checkbox"/>	11-11111	EC Three Car Group 11 1	6150 Warehouse Way	Sacramento	CA	95626	USA	192.10.14.11	8443	111111			
<input checked="" type="checkbox"/>	11-11111	Group Two Car 36 24	6150 Warehouse Way	Sacramento	CA	95626	USA	192.10.14.36	8443	111111			
<input checked="" type="checkbox"/>	25-00001	HGGRJ2 164 21	6150 Warehouse Way	Sacramento	CA	95626	USA	192.10.14.164	8443	111111			
<input checked="" type="checkbox"/>	27-12345	Pixel Eight Car Group 73 27	6150 Warehouse Way	Sacramento	CA	95626	USA	192.10.14.73	8443	111111			
<input checked="" type="checkbox"/>	15-12345	Windows 7 64 67	6150 Warehouse Way	Sacramento	CA	10913	USA	192.10.14.55	8868	111111			
<input checked="" type="checkbox"/>	25-00001	HGGRJ2 164 21	6150 Warehouse Way	Sacramento	CA	95626	USA	192.10.14.164	8443	111111			
<input checked="" type="checkbox"/>	11-11111	Group Two Car 36 24	6150 Warehouse Way	Sacramento	CA	95626	USA	192.10.14.36	8443	111111			
<input checked="" type="checkbox"/>	27-12345	Pixel Eight Car Group 73 27	6150 Warehouse Way	Sacramento	CA	95626	USA	192.10.14.73	8443	111111			

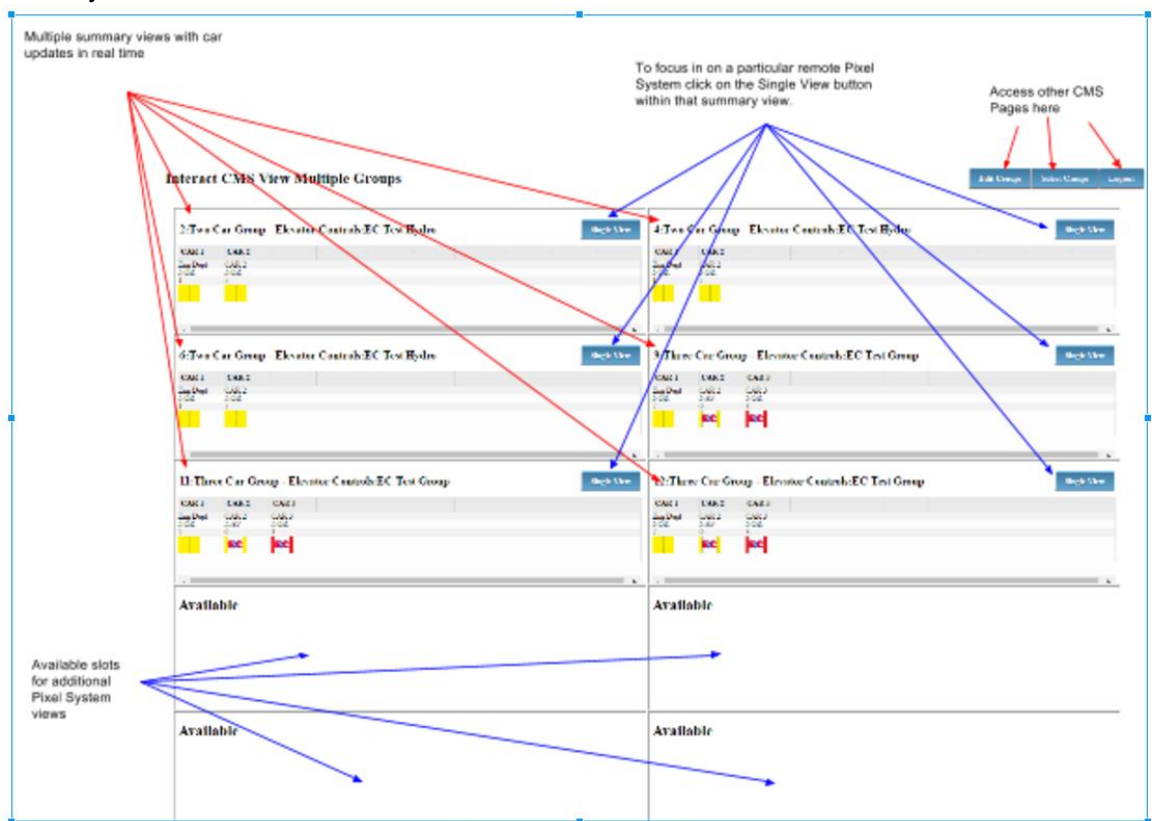
6.5 Access the Multiple View Page to begin monitoring remote Pixel Systems

- 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
5:Pixel Research Development .178 .26 Car 1 NOR 12 		6:EC Three Car Group .11 .1 Car 1 NOR 10 Car 2 NSP 2 Car 3 NAV 0 			
7:Group Two Car .36 .24 Car 1 NOR 5 Car 2 NOR 1 		9:HGGRIK2 .164 .21 Car 1 NOR 1 Car 2 NOR 9 Car 3 NOR 4 			
10:Pixel Eight Car Group .73 .27 Car 1 NOR 1 Car 2 NOR 17 Car 3 NAV 0 Car 4 NAV 0 Car 5 NAV 0 Car 6 NAV 0 Car 7 NOR 8 Car 8 NOR 28 		12:HGGRIK2 .164 .21 Car 1 NOR 1 Car 2 NOR 8 Car 3 NOR 4 			
13:Group Two Car .36 .24 Car 1 NOR 5 Car 2 NOR 1 		14:Pixel Eight Car Group .73 .27 Car 1 NOR 1 Car 2 NOR 17 Car 3 NAV 0 Car 4 NAV 0 Car 5 NAV 0 Car 6 NAV 0 Car 7 NOR 8 Car 8 NOR 28 			
Available		Available			

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



- HGGRJK2 .164 .21

[Home](#)

UP	CAR 1	CAR 2	CAR 3	DOWN
	NOR	NOR	NOR	
	10	10	10	⬇
⬆	8	8	8	⬇
⬆	7	7	7	⬇
⬆	6	6	6	⬇
⬆	5	5	5	⬇
⬆	4	4	4	⬇
⬆	3	3	3	⬇
⬆	2	2	2	⬇
⬆	1	1	1	⬇
⬆	B	B	B	⬇

- a. 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.
 - b. Single view will have all the functionality of WebInteract.
 - c. This window will display a real-time summary of the selected Pixel Systems from the Searchable Selectable View.
 - d. 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

The figure displays a 'WebInteract CMS Multiple View' interface. It consists of a 2x4 grid of vehicle status views. Each view shows a list of vehicles with their status (e.g., NOR, NAV) and a corresponding bar chart. The views are labeled with IDs like 6:Pixel Research Development, 7:Group Two Car, etc. A 'Switch to Machine Room Site' button is visible in the top right.

View ID	Vehicle	Status
6:Pixel Research Development .178 .26	Car 1	NOR 22
	Car 2	NOR 1
	Car 3	NAV 0
7:Group Two Car .36 .34	Car 1	NOR 6
	Car 2	NOR 1
	Car 3	NAV 0
8:EC Three Car Group .11 .1	Car 1	NOR 10
	Car 2	NAV 2
	Car 3	NAV 0
9:HGG RJK2 .164 .21	Car 1	NOR 1
	Car 2	NOR 4
	Car 3	NOR 4
10:Pixel Eight Car Group .73 .27	Car 1	NOR 1
	Car 2	NOR 17
	Car 3	NAV 0
11:Group Two Car .36 .34	Car 1	NOR 6
	Car 2	NOR 1
	Car 3	NAV 0
12:HGG RJK2 .164 .21	Car 1	NOR 1
	Car 2	NOR 5
	Car 3	NOR 4
13:Group Two Car .36 .34	Car 1	NOR 6
	Car 2	NOR 1
	Car 3	NAV 0
14:Pixel Eight Car Group .73 .27	Car 1	NOR 1
	Car 2	NOR 17
	Car 3	NAV 0

b. Select View

WebInteract CMS Multiple View

WebInteract CMS Multiple View

		Reize		Edit View		Select View		Logout	
6:Pixel Research Development .178 .26 Car 1 NOR 22 					8:EC Three Car Group .11 .1 Car 1 NOR 10 Car 2 BUSP 2 Car 3 NAV 0 				
7:Group Two Car .36 .24 Car 1 NOR 0 Car 2 NOR 1 					9:HGRJJK2 .164 .21 Car 1 NOR 0 Car 2 NOR 6 Car 3 NOR 4 				
10:Pixel Eight Car Group .73 .27 Car 1 NOR 1 Car 2 NOR 17 Car 3 NAV 0 Car 4 NAV 0 Car 5 NAV 0 Car 6 NAV 0 Car 7 NOR 6 Car 8 NOR 25 					12:HGRJJK2 .164 .21 Car 1 NOR 1 Car 2 NOR 6 Car 3 NOR 4 				
13:Group Two Car .36 .24 Car 1 NOR 0 Car 2 NOR 1 					14:Pixel Eight Car Group .73 .27 Car 1 NOR 1 Car 2 NOR 17 Car 3 NAV 0 Car 4 NAV 0 Car 5 NAV 0 Car 6 NAV 0 Car 7 NOR 6 Car 8 NOR 25 				
Available					Available				

c. Logout