



## Spatial SIG

# Migrating 10g ADF MapViewer Applications to ADF 11g with JDev 11g Data Visualization Components

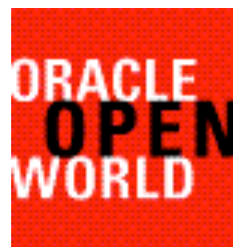
**Joe Seppi**  
**Michael Baker Jr., Inc.**





## Speaker

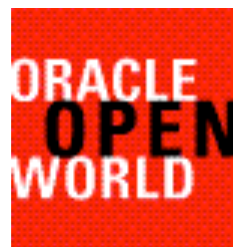
- Joe Seppi, Geospatial Solutions Consultant.
  - *20 years experience in the geospatial industry*





## Agenda

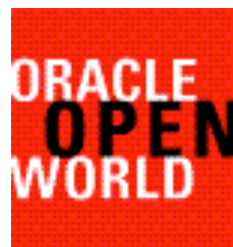
1. Mission-Critical GIS Built with ADF 10g 10.1.x
2. The Oracle Maps Prototype with ADF 10g 10.1.3
3. Moving to ADF 11g and Rich Faces Components





## **Drivers for custom mission critical GIS with ADF & Map Viewer**

- Cost
- Security
- Ease of Deployment and Use
- Scalability
- Control



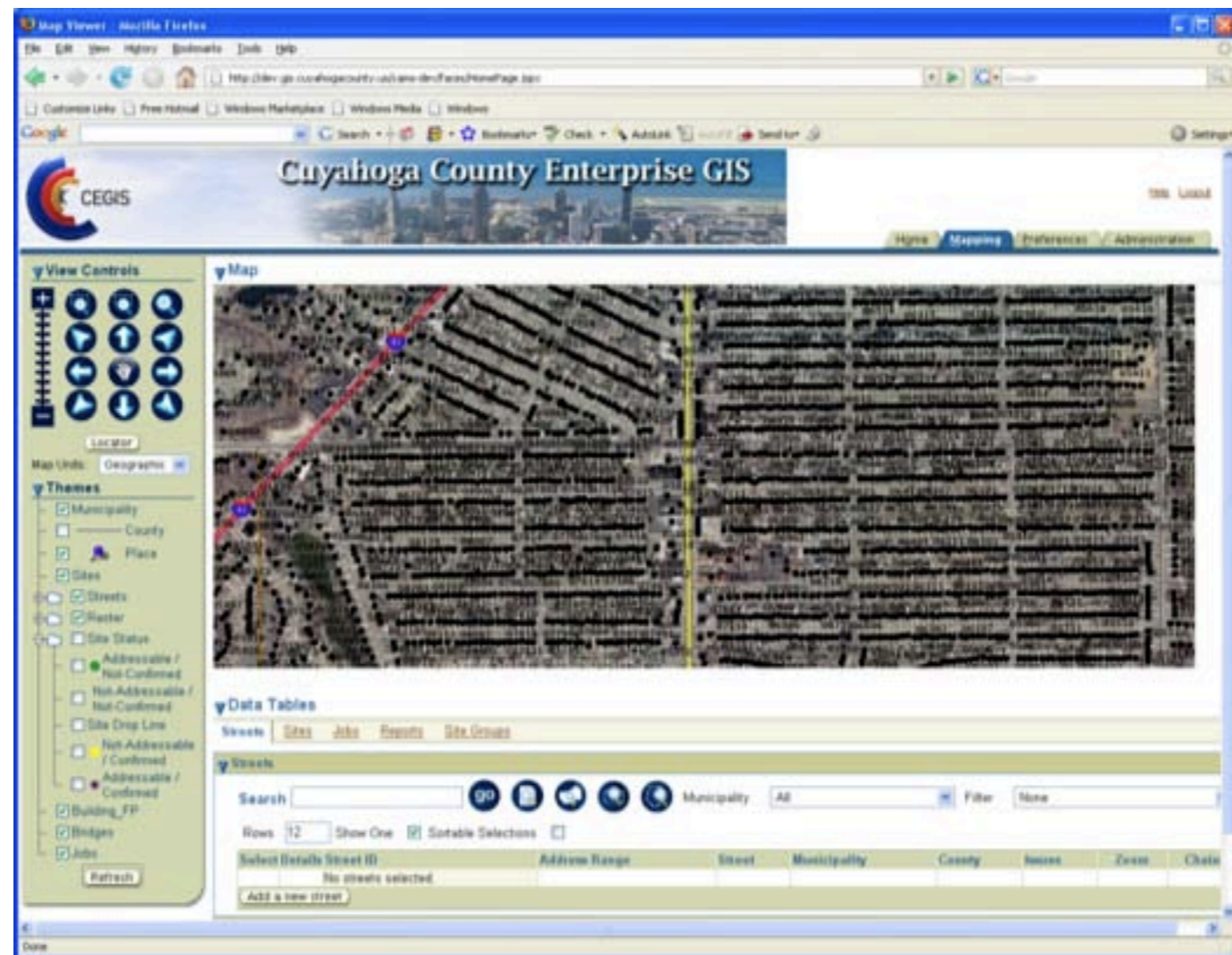


# Land Base Development & Maintenance ADF 10g and MapViewer





# Land Base Development & Maintenance ADF 10g and MapViewer





# Land Base Development & Maintenance ADF 10g and MapViewer





# Land Base Development & Maintenance ADF 10g and MapViewer









# Land Base Development & Maintenance ADF 10g and MapViewer

**Cuyahoga County Enterprise GIS**

Administrator Page

Session Logging On:  Disable logging:  Read-only Lock:

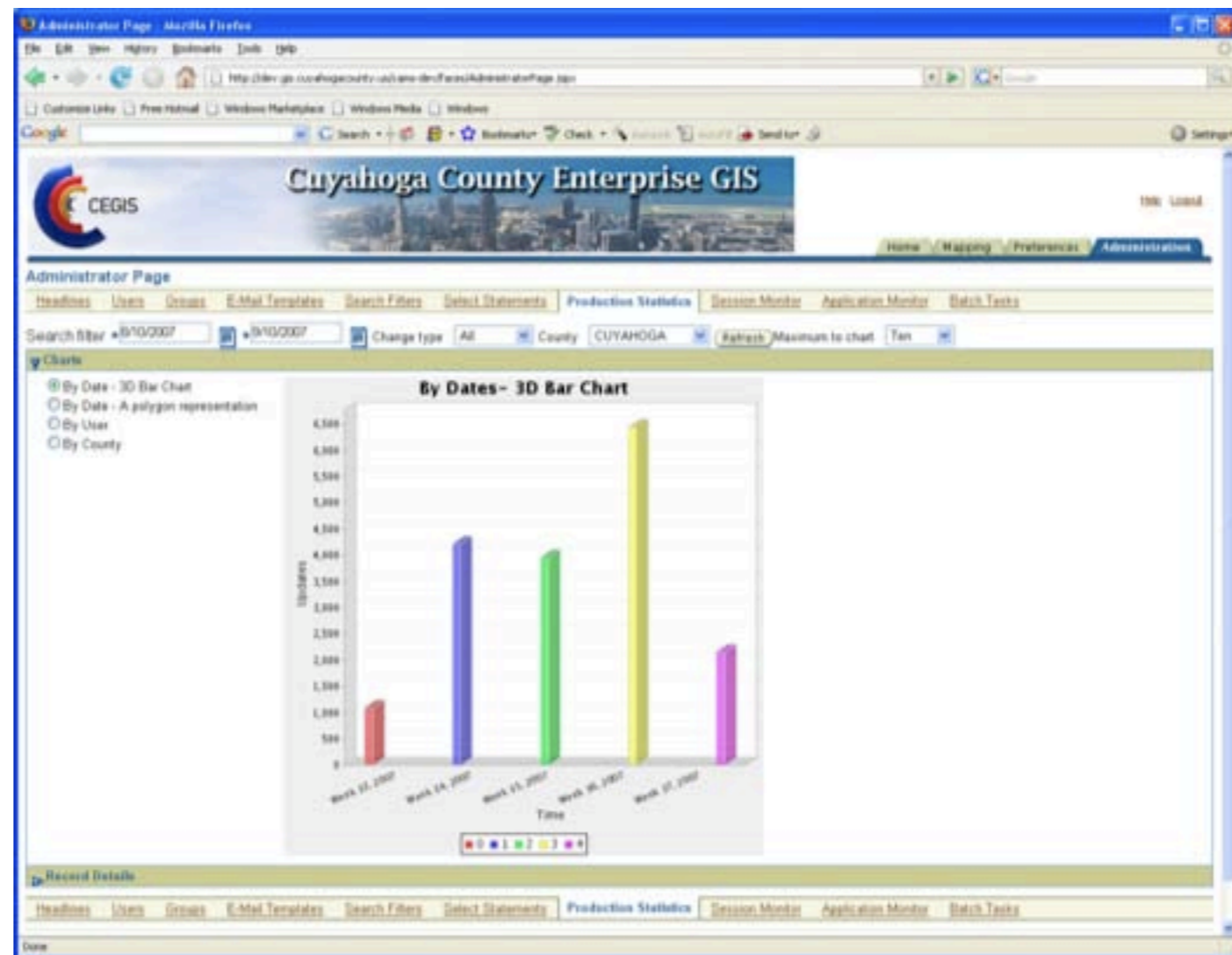
Started: 2007-Sep-6 01:40  
Memory Total=12,08.38 Free=1.95.67 Max=19,72.19 mb  
Requests: MapViewer: 0 Select: 0 Execute (min): 0 Fetch (min): 0  
Innovat Session:  Purge Refresh Interval:  Refresh

**Active Sessions**

Details	User Name	Group	Start	Last Access	Logged On	Inactive point	Session Invol	Page	Kill
▶	Shore Joeger		9/10/2007 1:11:00 PM	9/10/2007 1:32:00 PM	Active	0:03	21.02		Active User
▶	Shore wanderson		9/10/2007 12:20:47 PM	9/10/2007 1:32:01 PM	Active	0:01	71.24		(kill)

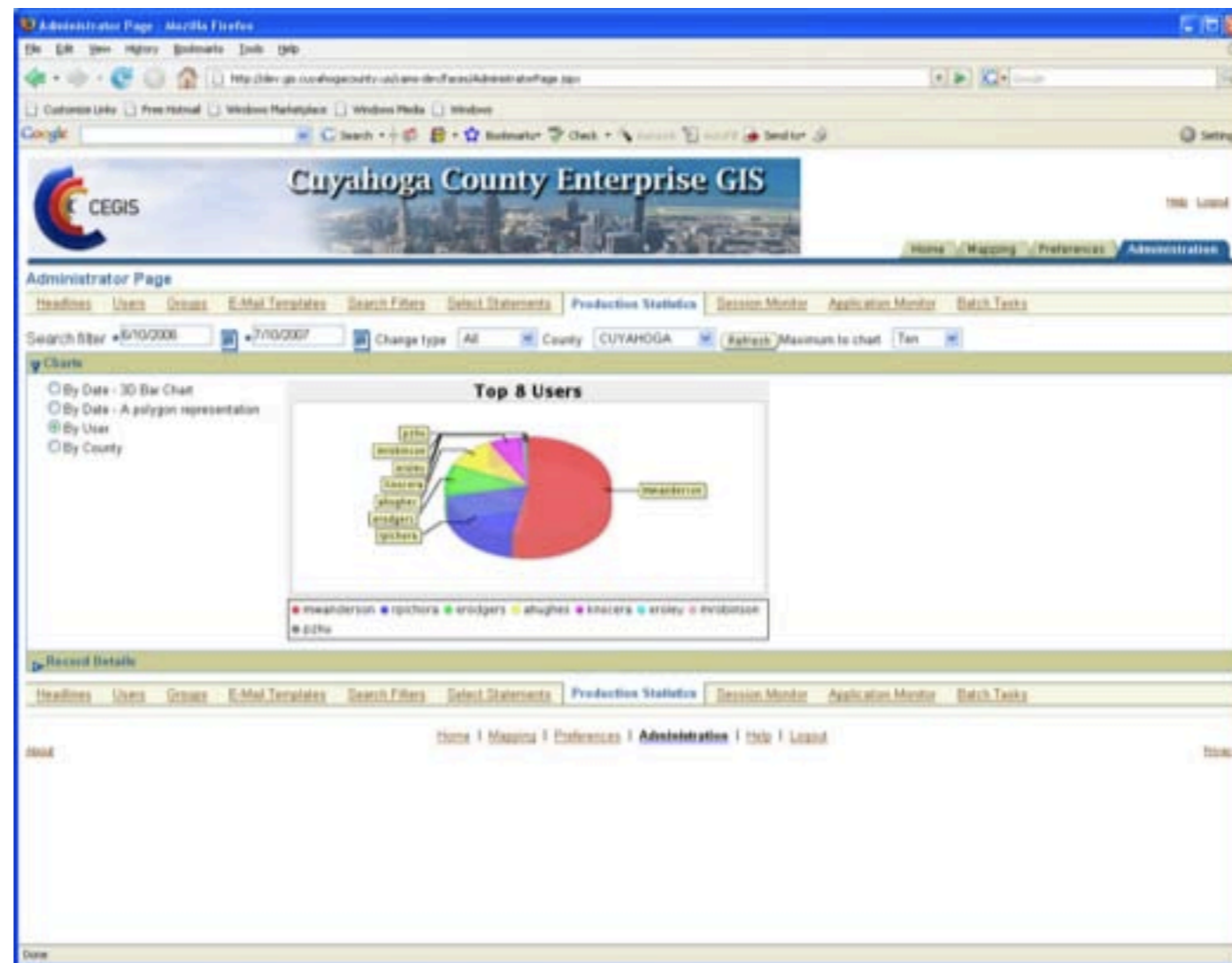


# Land Base Development & Maintenance ADF 10g and MapViewer

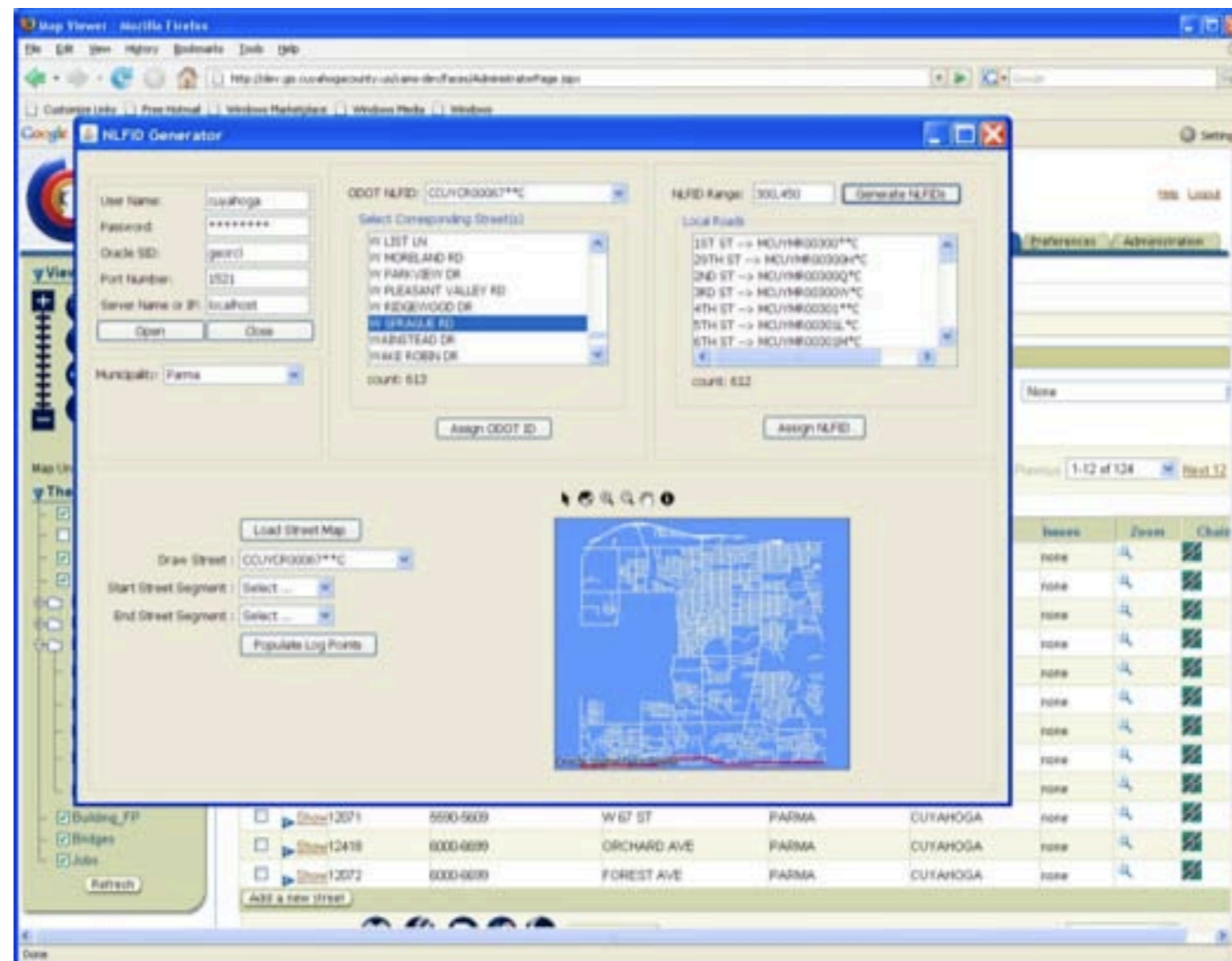




# Land Base Development & Maintenance ADF 10g and MapViewer



# Land Base Development & Maintenance ADF 10g and MapViewer





Home Page - Mozilla Firefox  
[File](#) [Edit](#) [View](#) [History](#) [Bookmarks](#) [Tools](#) [Help](#)  
[http://wsams.wvams.com/wsams/faces/LogInPage.jspx;\\_af67d26d240fa786eb8b74c8c25438fc30b](http://wsams.wvams.com/wsams/faces/LogInPage.jspx;_af67d26d240fa786eb8b74c8c25438fc30b) [Google](#)

[Home](#) [Mapping](#) [Preferences](#) [Administration](#)

Home Page  
[Welcome](#) [Comments and Issues](#)

West Virginia Statewide Addressing and Mapping System (live site)

**TEAM Data Loading Progress**  
October 8, 2007

**LEGEND**  
■ TEAM Data Loaded  
■ TEAM Data Loading in Progress

Welcome Joseph.

You have logged on to the live site. The system has been running since Monday, Oct 29 at 2007 11:55 AM hosting a total of 21 sessions. There are currently 15 active sessions.

Release Notes: (Oct 5th, 2007 16:00 PM revision v.6303 wsams-105 ear)

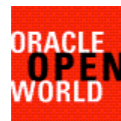
- Testing JOB function
- Improved street chaining tool
- Ongoing FAQ updates
- Ongoing mobile support for jobs
- New Notification Letters in USPS format
- MSAG work in progress
- New Reports: Fieldwork Performed, Unclassified Roads Report by County
- New Filters: Street Marked for Deletion, Unclassified Roads
- Map Functionality: Improved Accuracy of Street Ranging tools, Fixed Street Naming Issues, Improved Chaining tool
- New Site Drop Line Feature
- New Batch operations for Super Users

**Active Sessions**

[Welcome](#) [Comments and Issues](#)

[Home](#) | [Mapping](#) | [Preferences](#) | [Administration](#) | [Help](#) | [Logout](#)

Done





Map Viewer - Mozilla Firefox  
 http://www.wv.gov/wvsm/aces/homePage.jsp

Home Mapping Preferences Administration

**View Controls**

Locator

Map Units: Geographic

**Themes**

- ESZ
- Trail
- ZIP Code
- County
- Site Drop Line
- Place
- Streets
- Sites
- Hydrography
- Raster Imagery
- Railroads
- Street Status
- Markout
- Site Status
- Sites with LBC Cards
- Site with Old Address
- Building Footprint
- Job

Refresh

**Map**

**Data Tables**

Streets Sites Review TN Matching MSAG Community Postal Community Jobs Emergency Zones Leave Behind Cards Reports

**Streets**

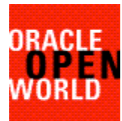
Search  County: Statewide Filter: None

Rows: 12 Show One Sortable Selections

Select Details	Street ID	Address Range	Street	Postal Community	County	Issues	Zoom	Chain
No streets selected								
Add a new street								

**Unnamed Roads**

Home | Mapping | Preferences | Administration | Help | Logout





Map Viewer - Mozilla Firefox

http://www.wv.gov/wvsm/aces/homepage.jsp

Home Mapping Preferences Administration

View Controls

Map

Themes

- ESZ
- Trail
- ZIP Code
- County
- Site Drop Line
- Place
- Streets
- Sites
- Hydrography
- Raster Imagery
- Railroads
- Street Status
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- Site Status
- Sites with LBC Cards
- Site with Old Address
- Building Footprint
- Job

Data Tables

Streets Sites Review TN Matching MSAG Community Postal Community Jobs Emergency Zones Leave Behind Cards Reports

Streets

Search  County Statewide Filter None

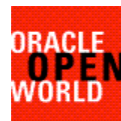
Rows 12 Show One Sortable Selections

Select Details	Street ID	Address Range	Street	Postal Community	County	Issues	Zoom	Chain
No streets selected								

Add a new street

Unnamed Roads

Cursor at Geographic [ 81.05.05.40W, 36.28.28.50N ] Screen range: 1.9 by 0.7 mi. Click on new map center to zoom into.





Map Viewer - Mozilla Firefox  
 http://www.sims.com/sims/aces/homePage.jsp

Home Mapping Preferences Administration

**View Controls**

Map Units: Geographic

**Themes**

- ESZ
- Trail
- ZIP Code
- County
- Site Drop Line
- Place
- Streets
- Sites
- Hydrography
- Raster Imagery
- Railroads
- Street Status
- Markout
- Site Status
- Sites with LBC Cards
- Site with Old Address
- Building Footprint
- Job

Refresh

**Map**

**Data Tables**

Streets Sites Review TN Matching MSAG Community Postal Community Jobs Emergency Zones Leave Behind Cards Reports

**Streets**

Search  County: Statewide Filter: None

Rows: 12 Show One Sortable Selections

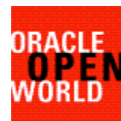
Select Details	Street ID	Address Range	Street	Postal Community	County	Issues	Zoom	Chain
No streets selected								

Add a new street

**Unnamed Roads**

Home | Mapping | Preferences | Administration | Help | Logout

Cursor at Geographic [ 81:56:19.30W, 38:27:56.69N ] Screen range: 1.9 by 0.7 mi. Click on new map center to zoom into.





Map Viewer - Mozilla Firefox

http://www.sos.wv.gov/wvsm/aces/homePage.jsp

Home Mapping Preferences Administration

**View Controls**

Map Units: Geographic

**Themes**

- ESZ
- Trail
- ZIP Code
- County
- Site Drop Line
- Place
- Streets
- Sites
- Hydrography
- Raster Imagery
- Railroads
- Street Status
- Markout
- Site Status
- Sites with LBC Cards
- Site with Old Address
- Building Footprint
- Job

Refresh

**Map**

**Data Tables**

Streets Sites Review TN Matching MSAG Community Postal Community Jobs Emergency Zones Leave Behind Cards Reports

**Streets**

Search:  County: Statewide Filter: None

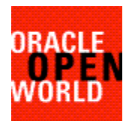
Rows: 12 Show One Sortable Selections

Select Details	Street ID	Address Range	Street	Postal Community	County	Issues	Zoom	Chain
No streets selected								

Add a new street

**Unnamed Roads**

Home | Mapping | Preferences | Administration | Help | Logout





Map Viewer - Mozilla Firefox  
 http://www.sos.wv.gov/wvsm/aces/homePage.jsp

Home Mapping Preferences Administration

**View Controls**

Map Units: Geographic

**Themes**

- ESZ
- Trail
- ZIP Code
- County
- Site Drop Line
- Place
- Streets
- Sites
- Hydrography
- Raster Imagery
- Railroads
- Street Status
- Markout
- Site Status
- Sites with LBC Cards
- Site with Old Address
- Building Footprint
- Job

**Map**

**Data Tables**

Streets Sites Review TN Matching MSAG Community Postal Community Jobs Emergency Zones Leave Behind Cards Reports

**Streets**

Search:  County: Statewide Filter: None

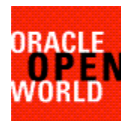
Rows: 12 Show One Sortable Selections

Select Details	Street ID	Address Range	Street	Postal Community	County	Issues	Zoom	Chain
No streets selected								

Add a new street

Unnamed Roads

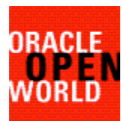
Home | Mapping | Preferences | Administration | Help | Logout





The screenshot shows a web browser window titled "Map Viewer - Mozilla Firefox" displaying a GIS application. The browser address bar shows the URL: <http://www.sas.com/wwsams/faces/homePage.jspx>. The application interface includes a toolbar with navigation icons, a "Locator" search box, and a "Themes" panel on the left. The "Themes" panel lists various map layers such as ESZ, Trail, ZIP Code, County, Site Drop Line, Place, Streets, Sites, Hydrography, Raster Imagery, Railroads, Street Status, Markout, Site Status, Sites with LBC Cards, Site with Old Address Building Footprint, and Job. The main map area shows an aerial view of a residential neighborhood with streets and buildings. Below the map is a "Data Tables" section with tabs for "Streets", "Sites", "Review", "TN Matching", "MSAG Community", "Postal Community", "Jobs", "Emergency Zones", "Leave Behind Cards", and "Results". The "Streets" tab is active, showing a search bar, a "County" dropdown set to "Statewide", and a "Filter" dropdown set to "None". Below the search bar are controls for "Rows" (set to 12), "Show One", and "Sortable Selections". A table of street data is displayed below these controls.

Select Details	Street ID	Address Range	Street	Postal Community	County	Issues	Zoom	Chain
<input type="checkbox"/>	<a href="#">Show</a> 126961	1-139	CORDOBA DR	TEAYS VALLEY	Putnam	none		
<input type="checkbox"/>	<a href="#">Show</a> 126102	1-43	ELDORADO ACRES RD	TEAYS VALLEY	Putnam	none		
<input type="checkbox"/>	<a href="#">Show</a> 119900	42-45	ELDORADO ACRES RD	TEAYS VALLEY	Putnam	none		
<input type="checkbox"/>	<a href="#">Show</a> 821469	1-100	PRIVATE DR	TEAYS VALLEY	Putnam	none		
<input type="checkbox"/>	<a href="#">Show</a> 119103	1-107	SEVILLE DR	TEAYS VALLEY	Putnam	none		
<input type="checkbox"/>	<a href="#">Show</a> 124593	106-144	SEVILLE DR	TEAYS VALLEY	Putnam	none		
<input type="checkbox"/>	<a href="#">Show</a> 120533	145-235	SEVILLE DR	TEAYS VALLEY	Putnam	none		
<input type="checkbox"/>	<a href="#">Show</a> 121488	236-265	SEVILLE DR	TEAYS VALLEY	Putnam	none		





Map Viewer - Mozilla Firefox  
 http://www.sos.wv.gov/wvsm/aces/homePage.jsp

Home Mapping Preferences Administration

**View Controls**

Locator

Map Units: Geographic

**Themes**

- ESZ
- Trail
- ZIP Code
- County
- Site Drop
- Line
- Place
- Streets
- Sites
- Hydrography
- Raster Imagery
- Railroads
- Street Status
- Markout
- Site Status
- Sites with LBC Cards
- Site with Old Address
- Building Footprint
- Job

Refresh

**Map**

**Data Tables**

Streets Sites Review TN Matching MSAG Community Postal Community Jobs Emergency Zones Leave Behind Cards Reports

**Streets**

Search [ ] County: Statewide Filter: None

Rows: 12 Show One Sortable Selections

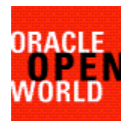
For selected rows [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Select All on this page | Unselect All on this page

Select Details	Street ID	Address Range	Street	Postal Community	County	Issues	Zoom	Chain
<input checked="" type="checkbox"/> Show	126981	1-139	CORDOBA DR	TEAYS VALLEY	Putnam	none	[ ]	[ ]

Add a new street

Cursor at Geographic [ 81:57:15.79W, 38:27:09.16N ] Screen range: 1713 by 669 ft. Click on new map center to zoom info.





Map Viewer - Mozilla Firefox  
 http://www.sos.wv.gov/wvsm/aces/homePage.jsp

Home Mapping Preferences Administration

**View Controls**

Locator

Map Units: Geographic

**Themes**

- ESZ
- Trail
- ZIP Code
- County
- Site Drop Line
- Place
- Streets
- Sites
- Hydrography
- Raster Imagery
- Railroads
- Street Status
- Markout
- Site Status
- Sites with LBC Cards
- Site with Old Address
- Building Footprint
- Job

Refresh

**Map**

**Data Tables**

Streets Sites Review TN Matching MSAG Community Postal Community Jobs Emergency Zones Leave Behind Cards Reports

**Streets**

Search: [ ] County: Statewide Filter: None

Rows: 12 Show One Sortable Selections

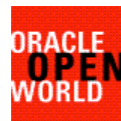
For selected rows: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Select All on this page | Unselect All on this page

Select Details	Street ID	Address Range	Street	Postal Community	County	Issues	Zoom	Chain
<input checked="" type="checkbox"/> Show	126961	1-139	CORDOBA DR	TEAYS VALLEY	Putnam	none	[ ]	[ ]

Add a new street

Cursor at Geographic [ 81:57:14.66W, 38:27:12.03N ] Screen range: 1024 by 400 ft. Click on new map center to zoom info.





Map Viewer - Mozilla Firefox

http://www.srs.com/wwsams/faces/homePage.jsp

For selected rows

Select All on this page | Unselect All on this page

Select Details	Street ID	Address Range	Street	Postal Community	County	Issues	Zoom	Chain
<input checked="" type="checkbox"/>	126981	1-139	CORDOBA DR	TEAYS VALLEY	Putnam	none		

1-139 CORDOBA DR, TEAYS VALLEY (Putnam Co.) WV 25526 (street\_id=126981)

Re-Address Sites

Name: +CORDOBA DR

Type: Side Roads and Streets (Municipal) or Other  /

Interval: 5.28 units per foot over 733ft

Computed Range (1-140)

Left	1	139
Right	2	138

Postal Community: TEAYS VALLEY

MSAG Community: Woods and Irons East

Zip: 25526

ESN: 2217

County: Putnam

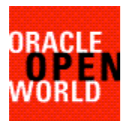
Left not like Right?

Left is Odd?

Comments: (Old Primary Name: CORDOBA DR); TEAM1 - Existing

Confirmed

Unnamed Roads





Map Viewer - Mozilla Firefox  
 http://www.srs.com/srs/arcgis/rest/page.jsp

Home Mapping Preferences Administration

**View Controls**

Locator  
 Map Units: Geographic

**Themes**

- ESZ
- Trail
- ZIP Code
- County
- Site Drop Line
- Place
- Streets
- Sites
- Hydrography
- Raster Imagery
- Railroads
- Street Status
- Markout
- Site Status
- Sites with LBC Cards
- Site with Old Address Building Footprint
- Job

Refresh

**Map**

**Data Tables**

Streets Sites Review TN Matching MSAG Community Postal Community Jobs Emergency Zones Leave Behind Cards Reports

**Streets**

Search [ ] County: Statewide Filter: None

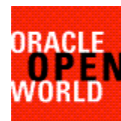
Rows: 12 Show One Sortable Selections

For selected rows [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Select All on this page | Unselect All on this page

Select Details	Street ID	Address Range	Street	Postal Community	County	Issues	Zoom	Chain
<input checked="" type="checkbox"/>	126981	1-139	CORDOBA DR	TEAYS VALLEY	Putnam	none		
1-139 CORDOBA DR, TEAYS VALLEY (Putnam Co.) WV 25526 (street_id=126981)								

Cursor at Geographic [ 81:57:18.10W, 38:27:13.73N ] Screen range: 1024 by 400 ft. Drag one or more vertex handles to move them. Right-click when finished.





Map Viewer - Mozilla Firefox  
 http://wvsans.wvsans.com/wvsans/face/homePage.jsp

Map Units: Geographic

**Themes**

- ESZ
- Trail
- DP Code
- County
- Site Drop
- Line
- Place
- Streets
- Sites
- Hydrography
- Raster Imagery
- Railroads
- Street Status
- Markout
- Site Status
  - Sites with LBC Cards
  - Site with Old Address
  - Building Footprint
  - Job

Refresh

**Data Tables**

Streets | Sites | Review | TN Matching | MSAG Community | Postal Community | Jobs | Emergency Zones | Leave Behind Cards | Reports

**Streets**

Search:  90° County: Statewide Filter: None

Rows: 12 Show One  Sortable Selections

For selected rows

Select All on this page | Unselect All on this page

Select Details	Street ID	Address Range	Street	Postal Community	County	Issues	Zoom	Chain
<input checked="" type="checkbox"/>	126981	1-139	CORDOBA DR	TEAYS VALLEY	Putnam	none		

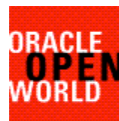
1-139 CORDOBA DR, TEAYS VALLEY (Putnam Co.) WV 25526 (street\_id=126981)

Re-Address Sites

Name: +CORDOBA DR

Type: Side Roads and Streets (Municipal) or Other Route:  /

Waiting for wvsans.wvsans.com...





http://wvsams.wvsams.com - Mozilla Firefox

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**Intersect Street**

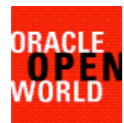
You are about to intersect 1-139 CORDOBA DR at 138 along its total length of 732 feet.

Sites associated with lower section will be: 13,16

Sites associated with upper section will be: 33,34,47,52,55,63,73,79,90,101,108,109,126

---

Done





Map Viewer - Mozilla Firefox  
 http://www.sos.wv.gov/wvsm/aces/homePage.jsp

Home Mapping Preferences Administration

**View Controls**

Map Units: Geographic

**Themes**

- ESZ
- Trail
- ZIP Code
- County
- Site Drop Line
- Place
- Streets
- Sites
- Hydrography
- Raster Imagery
- Railroads
- Street Status
- Markout
- Site Status
- Sites with LBC Cards
- Site with Old Address
- Building Footprint
- Job

Refresh

**Map**

**Data Tables**

Streets Sites Review TN Matching MGAG Community Postal Community Jobs Emergency Zones Leave Behind Cards Reports

Search: \_\_\_\_\_ go

County filter: Statewide Filter: None

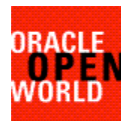
Rows: 12 Show One Sortable Selections

For selected rows: Reassign Street Set Confirmed

Select All on this page | Unselect All on this page

Select Details	Site ID	Number	Street	Postal Community	Zip	Photo	Zoom
<input checked="" type="checkbox"/>	242333	215	SEVILLE DR	TEAYS VALLEY	25526		
<input type="checkbox"/>	241663	205	SEVILLE DR	TEAYS VALLEY	25526		
<input type="checkbox"/>	240967	197	SEVILLE DR	TEAYS VALLEY	25526		

Cursor at Geographic [ 81:57:19.23W, 38:27:07.18N ] Screen range: 2048 by 800 ft Left-click to place vertices of the polygon. Right-click when finished.





Map Viewer - Mozilla Firefox

http://wvsans.wvsans.com/wvsans/face/homePage.jsp

Streets Sites Review TIN Matching MSAG Community Postal Community Jobs Emergency Zones Leave Behind Cards Reports

Search  go County filter: Statewide Filter: None

Rows: 12 Show One Sortable Selections

For selected rows: Reassign Street Set Confirmed  Previous 1-12 of 60 Next 12

Select All on this page | Unselect All on this page

Select Details	Site ID	Number	Street	Postal Community	Zip	Photo	Zoom
<input type="checkbox"/>	242333	215	SEVILLE DR	TEAYS VALLEY	25526		

Addressable  Confirmed

Number: 215 Distance along street: 373ft. Computed address: 215

Side: Left Street: SEVILLE DR

Parcel Number:

Postal Community: TEAYS VALLEY

MSAG Community: Candlewyck Place

State: WV Zip: 25526

Comments: grybrck 2 stry, wht tm, gm shtrst/brt dr, 1 bay gg #

Site id: 242333 Label: 215 ESN: 0 County: Putnam Site Type: Single Family

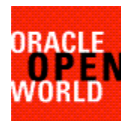
1 of 1

[Change History](#)

**Units**

Details	Unit Id	Unit Number	Delivery Address	Location Info	Comments	Update Source	Update Date
<a href="#">Show</a>	26256753001				default unit for every site	pzhu	
<a href="#">Show</a>	27054740				grybrck 2 stry, wht tm, gm shtrst/brt dr, 1 bay gg #		10/9/2007 12:00 AM

**Owner**





Map Viewer - Mozilla Firefox  
 http://www.wv.gov/wvans/face/homePage.jsp

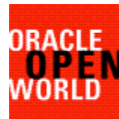
**Data Tables**  
 Streets Sites Review **TN Matchings** MSAG Community Postal Community Jobs Emergency Zones Learn Behind Cards Reports

Search  go     County filter: All Filter: None

Rows: 12 Show One  Sortable Selections

Previous 1-12 of 19 Next 7

Site Details ID	Zoom Unit Address	MSAG Community	Resident	TN Match	Phone	Comments	Old Addresses																					
<a href="#">Show 247789</a>	13 CORDOBA DR TEAYS VALLEY WV,25526	Woods and Irons East	N/A	Yes	N/A	wht dblwd mh, wht tm, gm shtrs, cnd fnt entnc	<table border="1"> <thead> <tr> <th>Site Details ID</th> <th>Zoom Unit Address</th> <th>MSAG Community</th> <th>Resident</th> <th>TN Match</th> <th>Phone</th> <th>Comments</th> </tr> </thead> <tbody> <tr> <td><a href="#">Show 247789</a></td> <td>2 CORDOBA DR HURRICANE, WV,25526</td> <td>N/A</td> <td>MICHAEL R WOLFORD</td> <td>N/A</td> <td>3047579653</td> <td>TN Data</td> </tr> <tr> <td><a href="#">Show 247789</a></td> <td>2 CORDOBA DR HURRICANE, WV,25526</td> <td>N/A</td> <td>MICHAEL R WOLFORD</td> <td>N/A</td> <td>3047579653</td> <td></td> </tr> </tbody> </table>	Site Details ID	Zoom Unit Address	MSAG Community	Resident	TN Match	Phone	Comments	<a href="#">Show 247789</a>	2 CORDOBA DR HURRICANE, WV,25526	N/A	MICHAEL R WOLFORD	N/A	3047579653	TN Data	<a href="#">Show 247789</a>	2 CORDOBA DR HURRICANE, WV,25526	N/A	MICHAEL R WOLFORD	N/A	3047579653	
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<a href="#">Show 245064</a>	16 CORDOBA DR TEAYS VALLEY WV,25526	Woods and Irons East	N/A	No	N/A	brck/tan 2 stry, brwn tm/shtrs, 1 bay grg ft	<table border="1"> <thead> <tr> <th>Site ID</th> <th>Zoom Unit Address</th> <th>MSAG Community</th> <th>Resident</th> <th>TN Match</th> <th>Phone</th> <th>Comments</th> </tr> </thead> <tbody> <tr> <td>No Old Addresses</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Site ID	Zoom Unit Address	MSAG Community	Resident	TN Match	Phone	Comments	No Old Addresses													
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No Old Addresses																												
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No Old Addresses																												
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Site Details ID	Zoom Unit Address	MSAG Community	Resident	TN Match	Phone	Comments																						
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Map Viewer - Mozilla Firefox  
 http://www.sos.wv.gov/wvsm/face/homePage.jsp

Trail  
 ZIP Code  
 County  
 Site Drop  
 Line  
 Place  
 Streets  
 Sites  
 Hydrography  
 Raster Imagery  
 Railroads  
 Street Status  
 Markout  
 Site Status  
 Sites with LBC Cards  
 Site with Old Address  
 Building Footprint  
 Job  
 Refresh

**Data Tables**  
 Streets Sites Review **TN Matching** MSAG Community Postal Community Jobs Emergency Zones Leave Behind Cards Reports

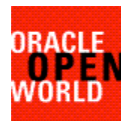
**Sites and Units**  
 Search [input] go  
 County filter: Statewide

Zoom Number	Street	Postal Community	Zip
13	CORDOBA DR	TEAYS VALLEY	25526
Unit Number	Matched Numbers	Match New Number	
Primary Unit	304-757-9653	X	✓
Zoom Number	Street	Postal Community	Zip
16	CORDOBA DR	TEAYS VALLEY	25526
Unit Number	Matched Numbers	Match New Number	
001	No Phone		✓
Primary Unit	No Phone		✓
Zoom Number	Street	Postal Community	Zip
33	CORDOBA DR	TEAYS VALLEY	25526
Unit Number	Matched Numbers	Match New Number	
Primary Unit	304-757-7731	X	✓
Zoom Number	Street	Postal Community	Zip
34	CORDOBA DR	TEAYS VALLEY	25526

**Telephone Numbers**  
 Search [input] go  
 County filter: All Unmatched Only

Select Details ✓+4 Phone Service Billing  
 Number Address Address  
 No Telephone Number selected

Done







Map Viewer - Mozilla Firefox  
 http://www.svs.com/svs/face/MapViewer.jsp

Home Mapping Preferences Administration

**View Controls**

Map Units: Geographic

**Themes**

- ESZ
- Trail
- ZIP Code
- County
- Site Drop Line
- Place
- Streets
- Sites
- Hydrography
- Raster Imagery
- Railroads
- Street Status
- Markout
- Site Status
  - Sites with LBC Cards
  - Site with Old Address
  - Building Footprint
  - Job

Refresh

**Map**

**Data Tables**

Streets Sites Review TIN Matching MSAG Community Postal Community Jobs Emergency Zones Lease/Behind Cards Reports

Search [ ] go [ ] [ ] [ ] County wide export Statewide [ ] Extract Upload Upload TEAM 2 Extract Pictures Hydr

Rows 12 Show One Sortable Selections [ ]

For selected rows [ ]

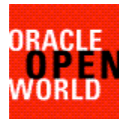
Select All | Select None

Select Details	Job Id	Job Name	Owner	Status	Start Date	Planned Completion
<input type="checkbox"/>	2448	ELDORADO ACRES	12172		10/29/2007	10/01/2007

Job Id 2448  
 Job Name ELDORADO ACRES  
 Description Test by user jseppi

Finalize Job

Cursor at Geographic [ 81:57:07.70W, 36:27:11.19N ] Screen range: 2048 by 800 ft Job area is 538 km





http://wvsams.wvsams.com - Mozilla Firefox

---

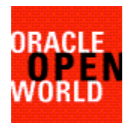
### Publish Job ELDORADO ACRES

Approving this request will create a backup of your Job data in a private database remotely using any database application that will connect to an Oracle database.

Password:

---

http://wvsams.wvsams.com/wvsams/faces/popups/GetValueDialog.jspx?\_af...



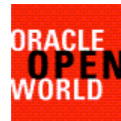


The screenshot shows a web browser window displaying a GIS application. The main map area shows an aerial view of a residential neighborhood with a red rectangular overlay indicating a specific job area. A pop-up window titled "Job ELDORADO ACRES" is open, displaying the following information:

- Has been successfully published
- Record counts:
  - Streets: 7
  - Sites: 62
  - Unnamed Roads: 3
- Job Backup Information:
  - User name: JOB\_JSEPP/ELDORADO\_ACRES
  - Password: ELDORADO\_ACRES

The interface includes a "View Controls" panel on the left with various map navigation tools and a "Themes" list. At the bottom, there is a search bar and a table of job details.

Select Details	Job Id	Job Name	Owner	Status	Start Date	Planned Completion
<input type="checkbox"/>	2448	ELDORADO ACRES	12172		10/29/2007	10/31/2007
	Job Id	2448				Published 10/29/2007
	Job Name	ELDORADO ACRES				
	Description	Test by user jseppi				





**Data Tables**

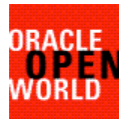
Select Details	Job Id	Job Name	Owner	Status	Start Date	Planned Completion
<input type="checkbox"/>	2448	ELDORADO ACRES	12172		10/29/2007	10/31/2007

For selected rows:

Select All | Select None

Job Id: 2448  
 Job Name: ELDORADO ACRES  
 Description: Test by user jseppi  
 Status:   
 Created By: 12172  
 Create Date: 10/29/2007  
 Planned End Date: 10/31/2007  
 Posted Date:

Buttons: Save, Download Job, Upload Completed Job, Create Map Book, Delete Job

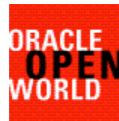




The screenshot shows a web browser window displaying a GIS application. The browser address bar shows the URL: <http://www.sams.wvaams.com/wvaams/aces/MapViewer.jsp>. The application interface includes a navigation menu with 'Home', 'Mapping', 'Preferences', and 'Administration'. On the left, there is a 'View Controls' panel with map navigation tools and a 'Themes' list including ESZ, Trail, ZIP Code, County, Site Drop Line, Place, Streets, Sites, Hydrography, Raster Imagery, Railroads, Street Status, Markout, and Site Status. The main map area shows an aerial view of a residential area with a red rectangular selection box. A 'Download' dialog box is open, displaying the text: 'Click here to download jobs/Outbound/EL DORADO ACRES-2448.jpg' and a 'Close' button. Below the map is a 'Data Tables' section with tabs for 'Streets', 'Sites', 'Review', 'TN Matching', 'MSAG Community', 'Postal Community', 'Jobs', 'Emergency Zones', 'Leave Behind Cards', and 'Reports'. The 'Jobs' tab is active, showing a search bar, a 'County wide export' dropdown set to 'Statewide', and buttons for 'Extract', 'Upload', 'Upload TEAM 2', 'Extract Pictures', and 'Hydro'. Below this is a table with the following data:

Select Details	Job Id	Job Name	Owner	Status	Start Date	Planned Completion
<input type="checkbox"/>	2448	ELDORADO ACRES	12172		10/29/2007	10/31/2007
	Job Id	2448				Published 10/29/2007
	Job Name	ELDORADO ACRES				
	Description	Test by user jseppi				

The Windows taskbar at the bottom shows the 'start' button, several open applications, and the system tray with the date and time.





Map Viewer - Mozilla Firefox  
<http://www.sams.wv.gov/wv/sams/faces/MapViewer.jspx>

Home Mapping Preferences Administration

**View Controls**

Map Units: Geographic

**Themes**

- ESZ
- Trail
- ZIP Code
- County
- Site Drop Line
- Place
- Streets
- Sites
- Hydrography
- Raster Imagery
- Railroads
- Street Status
- Markout
- Site Status
  - Sites with LBC Cards
  - Site with Old Address
  - Building Footprint
  - Job

Refresh

**Map**

**Data Tables**

Streets Sites Review TIN Matching MSAG Community Postal Community Jobs Emergency Zones Leave Behind Cards Reports

Search  go

Rows 12 Show One  Sortable Selections

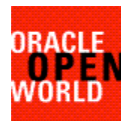
For selected rows

Select All on this page | Unselect All on this page

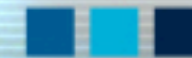
Select Details	Zone ID	ESN	PSAP
<input checked="" type="checkbox"/> Show 13548	2217		

Home | Mapping | Preferences | Administration | Help | Logout

<http://www.sams.wv.gov/wv/sams/faces/MapViewer.jspx>







Administrator Page - Mozilla Firefox

http://www.sams.wvstate.edu/wvstate/faces/MapViewer.jsp

Home Mapping Preferences Administration

### Administrator Page

Headlines Users Groups E-Mail Templates Search Filters Select Statements Production Statistics **Session Monitor** Application Monitor Batch Tasks

**Important Message**

Session Logging On  Disable Logins  Read-only Lock  Normal

Started 2007-Oct-29 11:55

Memory: Total=49,49.38 Free=11,86.55 Max=49,49.38 mb

Requests: MapViewer: 0 Select: 0 Execute (min): 0 Fetch (min): 0

Immortal Session  Purge Refresh Interval: Manual Refresh

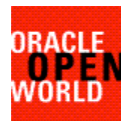
#### Active Sessions

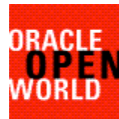
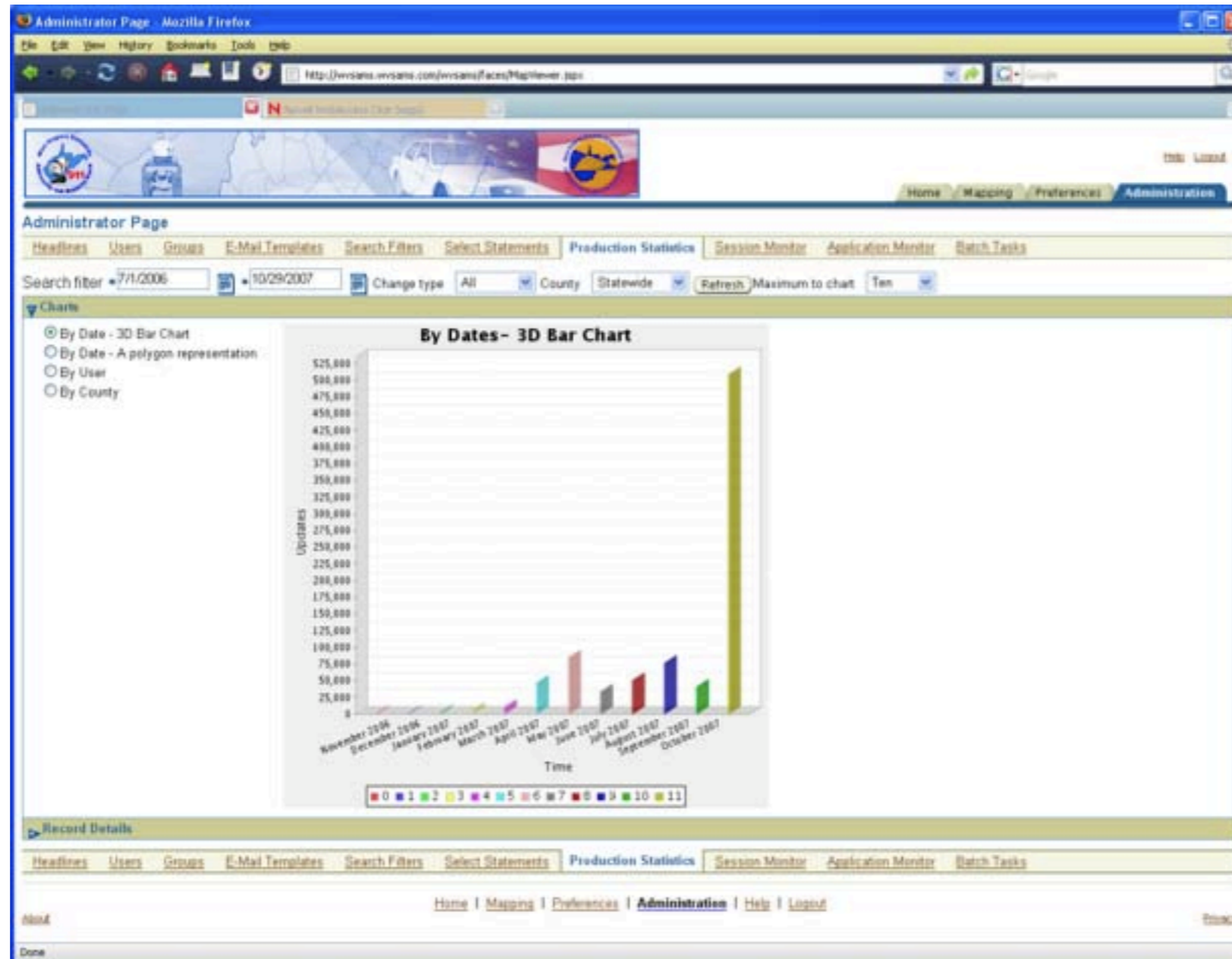
Details	User Name	Group	Start	Last Access	Logged Off	Inactive (min)	Session (min)	Page	Kill
Show	VWILLIAMS	Richie	10/29/2007 1:59:34 PM	10/29/2007 2:01:47 PM	Active	13.83	16.05		Kill
Show	AGUM	Doddridge	10/29/2007 2:01:51 PM	10/29/2007 2:14:16 PM	Active	1.34	13.76		Kill
Show	purnis	Calhoun	10/29/2007 12:40:19 PM	10/29/2007 2:14:33 PM	Active	1.06	95.3		Kill
Show	AGUM	Doddridge	10/29/2007 1:45:03 PM	10/29/2007 1:56:40 PM	Active	18.95	30.57		Kill
Show	alake1	Lewis	10/29/2007 1:02:27 PM	10/29/2007 2:15:12 PM	Active	0.41	73.17		Kill
Show	AGUM	Doddridge	10/29/2007 2:14:16 PM	10/29/2007 2:15:34 PM	Active	0.05	1.35		Kill
Show	VWILLIAMS	Richie	10/29/2007 2:02:30 PM	10/29/2007 2:11:24 PM	Active	4.21	13.28		Kill
Show	VWILLIAMS	Richie	10/29/2007 1:42:56 PM	10/29/2007 1:51:06 PM	Active	24.52	32.69		Kill
Show	dtemple	Tucker	10/29/2007 1:08:23 PM	10/29/2007 2:15:33 PM	Active	0.06	67.24		Kill
Show	VWILLIAMS	Richie	10/29/2007 2:14:16 PM	10/29/2007 2:15:30 PM	Active	0.11	1.35		Kill
Show	jseppi	Statewide	10/29/2007 1:55:25 PM	10/29/2007 2:15:36 PM	Active	0.02	20.21		Active User
Show	tucker	Tucker	10/29/2007 12:17:08 PM	10/29/2007 2:15:14 PM	Active	0.39	118.49		Kill

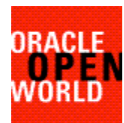
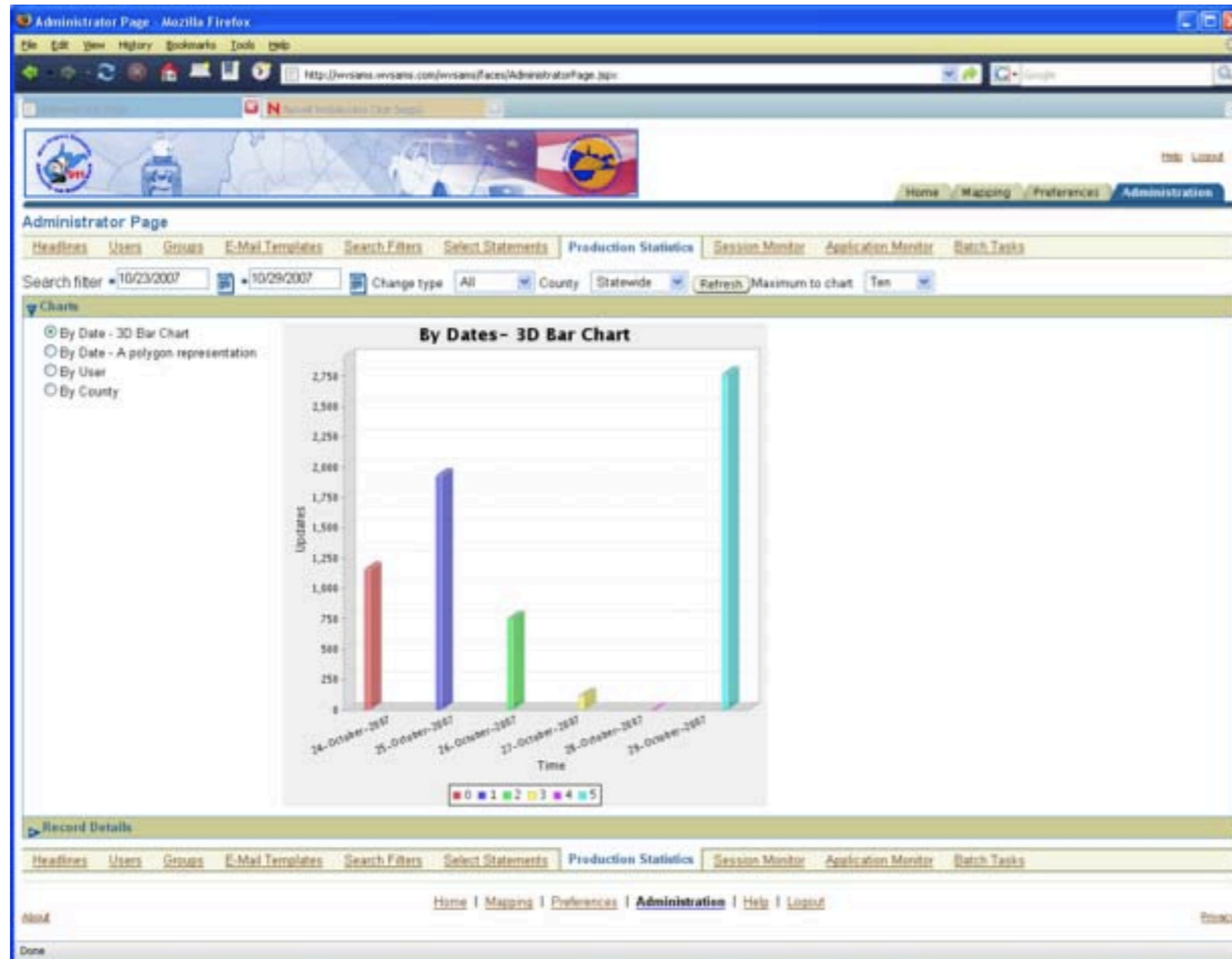
Headlines Users Groups E-Mail Templates Search Filters Select Statements Production Statistics **Session Monitor** Application Monitor Batch Tasks

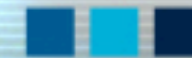
Home | Mapping | Preferences | **Administration** | Help | Logout

http://www.sams.wvstate.edu/wvstate/faces/MapViewer.jsp#









Administrator Page - Mozilla Firefox

http://www.svs.com/svs/aces/AdministratorPage.jsp

Home | Mapping | Preferences | Administration

Administrator Page

Headlines | Users | Groups | E-Mail Templates | Search Filters | Select Statements | Production Statistics | Session Monitor | Application Monitor | Batch Tasks

Search filter: 10/23/2007 - 10/29/2007 | Change type: All | County: Statewide | Refresh | Maximum to chart: Ten

Charts

- By Date - 3D Bar Chart
- By Date - A polygon representation
- By User
- By County

**Top 10 Users**

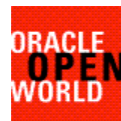
User Name	Color
Ted Sparks	Blue
stake1	Red
Shively	Green
dtemple	Yellow
kecfayco	Purple
rhoge	Pink
Aedwards	Light Blue
cmichael	Light Green
dunger	Dark Blue
AGUM	Red

Record Details

Headlines | Users | Groups | E-Mail Templates | Search Filters | Select Statements | Production Statistics | Session Monitor | Application Monitor | Batch Tasks

Home | Mapping | Preferences | Administration | Help | Logout

Done





Administrator Page - Mozilla Firefox

http://www.sas.com/wws/wws/faces/AdministratorPage.jsp

Home | Mapping | Preferences | Administration

Administrator Page

Headlines | Users | Groups | E-Mail Templates | Search Filters | Select Statements | Production Statistics | Session Monitor | Application Monitor | Batch Tasks

Search filter: 10/23/2007 - 10/29/2007 | Change type: All | County: Statewide | Refresh | Maximum to chart: Ten

Charts

- By Date - 3D Bar Chart
- By Date - A polygon representation
- By User
- By County

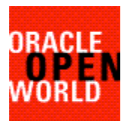
**Top 10 County**

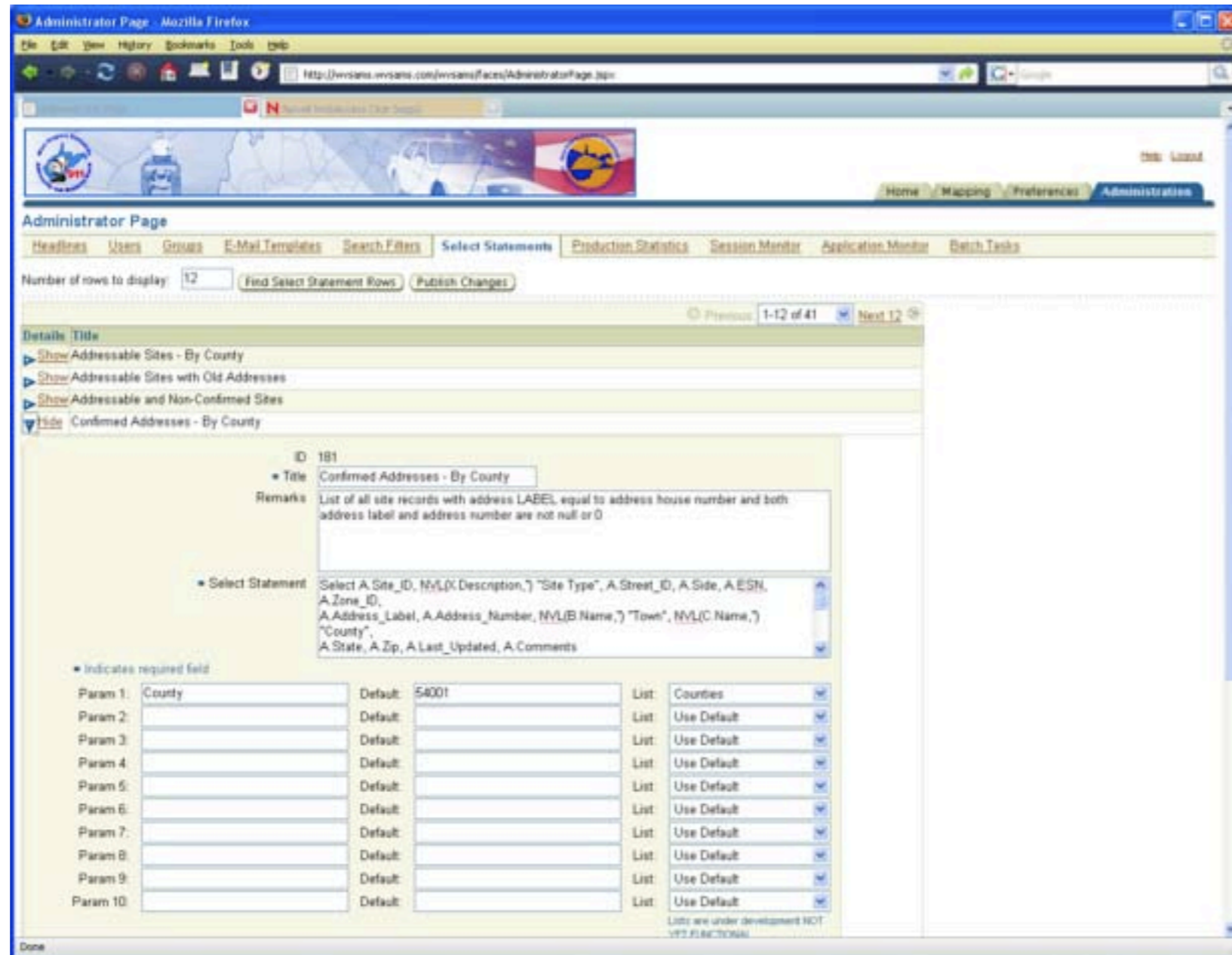
Record Details

Headlines | Users | Groups | E-Mail Templates | Search Filters | Select Statements | Production Statistics | Session Monitor | Application Monitor | Batch Tasks

Home | Mapping | Preferences | Administration | Help | Logout

Done



Administrator Page - Mozilla Firefox

http://www.sas.com/wws/wws/faces/AdministratorPage.jsp

Home / Mapping / Preferences / Administration

Administrator Page

Headlines Users Groups E-Mail Templates Search Filters Select Statements Production Statistics Session Monitor Application Monitor Batch Tasks

Number of rows to display: 12 Find Select Statement Rows Publish Changes

1-12 of 41

Details Title

- Show Addressable Sites - By County
- Show Addressable Sites with Old Addresses
- Show Addressable and Non-Confirmed Sites
- Show Confirmed Addresses - By County**

ID: 181

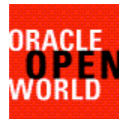
- Title: Confirmed Addresses - By County
- Remarks: List of all site records with address LABEL equal to address house number and both address label and address number are not null or 0
- Select Statement:
 

```
Select A.Site_ID, NVL(X.Description, 'Site Type'), A.Street_ID, A.Side, A.ESH,
A.Zone_ID,
A.Address_Label, A.Address_Number, NVL(B.Name, 'Town'), NVL(C.Name, 'County'),
A.State, A.Zip, A.Last_Updated, A.Comments
```

Indicates required field

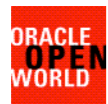
Param 1:	County	Default:	54001	List:	Counties
Param 2:		Default:		List:	Use Default
Param 3:		Default:		List:	Use Default
Param 4:		Default:		List:	Use Default
Param 5:		Default:		List:	Use Default
Param 6:		Default:		List:	Use Default
Param 7:		Default:		List:	Use Default
Param 8:		Default:		List:	Use Default
Param 9:		Default:		List:	Use Default
Param 10:		Default:		List:	Use Default

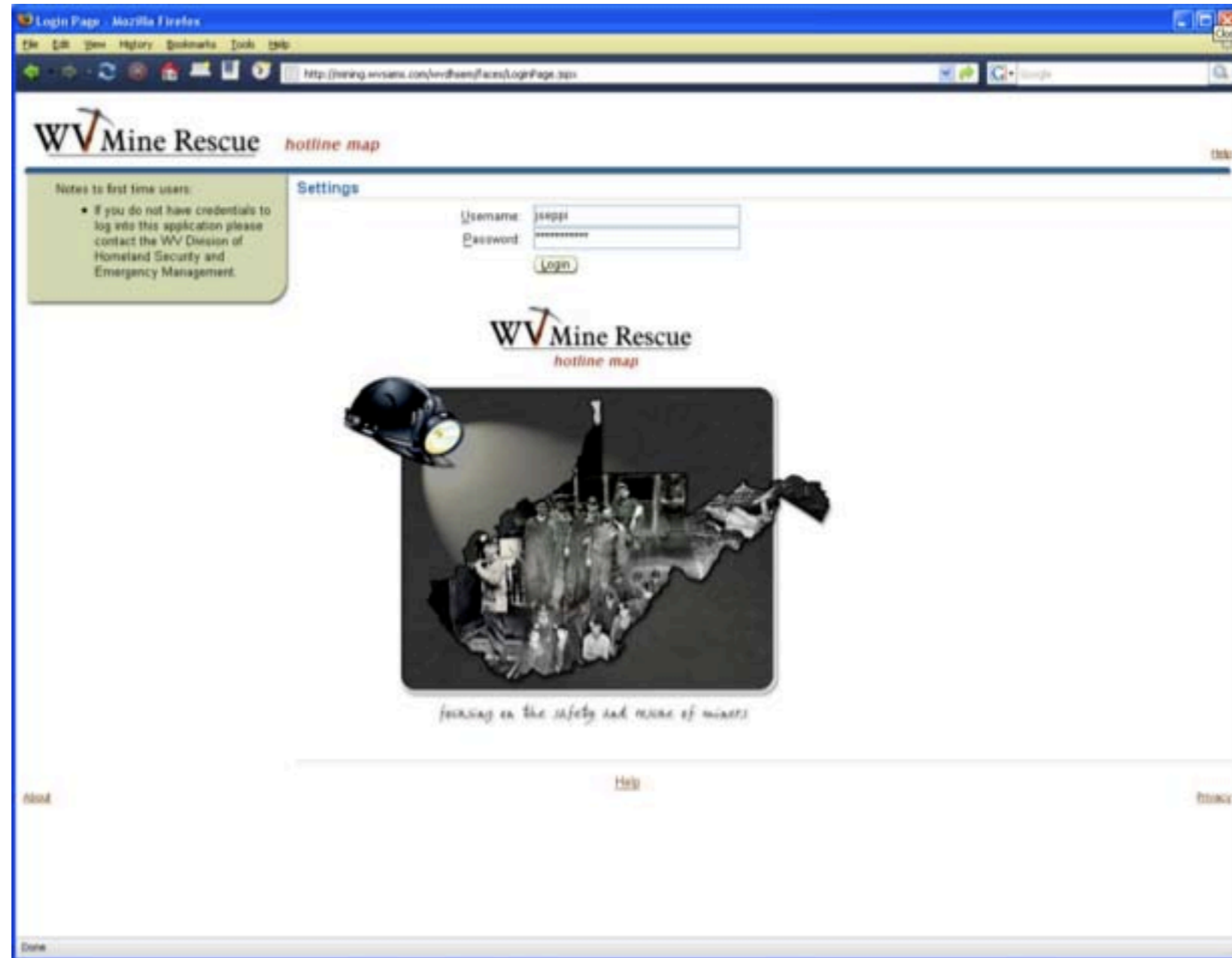
Lists are under development NOT YET PUBLIC



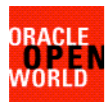


 *hotline map*





WV Mine Rescue hotline map





**WV Mine Rescue hotline map**

Map Viewer

Themes:

- Mine Permits
- Mine Permit Boundaries
- Rescue Teams
- Church
- Emergency Zones
- Non-Coal Dams
- Populated Places
- Roads
- Hydrography
- Zip Codes
- Counties
- Railroads
- WVSAMB Sites
- Raster

View controls

Mines | **Rescue Teams** | Mine Incidents

Search Auto Zoom: Single Row Keyword Sign Advanced By Map Area By Selected Area By Proximity 50.0 mi

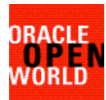
For selected rows: Highlight Selected Mines Clear Highlights Remove unselected mines from list Print

Select All | Select None | Show All Details | Hide All Details

Select Details	Mine Name	Description	Zoom	Rescue Teams
<input checked="" type="checkbox"/>	SAGO MINE	Coal Underground		

Mine Name:	SAGO MINE	Start Date:	
Id:	326	End Date:	
Permit:	U001698	Resp Name:	ANKER WEST VIRGINIA MINING CO
Description:	Coal Underground	Resp Id:	000000
Issue Date:	6/10/1999	Original Acres:	19
Expire Date:	6/10/2009	Current Acres:	19
Status Code:		Dist Acres:	19

WV Mine Rescue hotline map





**WV Mine Rescue hotline map**

Map Viewer

Themes:

- Mine Permits
- Mine Permit Boundaries
- Rescue Teams
- Church
- Emergency Zones
- Non-Coal Dams
- Populated Places
- Roads
- Hydrography
- Zip Codes
- Counties
- Railroads
- WVSAMB Sites
- Raster

View controls

Mines | Rescue Teams | Mine Incidents

Search Auto Zoom: Single Row | Keyword | Sagn | Advanced | By Map Area | By Selected Area | By Proximity 50.0 mi.

For selected rows: Highlight Selected Mines | Clear Highlights | Remove unselected mines from list | Print

Select All | Select None | Show All Details | Hide All Details

Select Details	Mine Name	Description	Zoom	Rescue Teams
<input checked="" type="checkbox"/>	SAGO MINE	Coal Underground		

Mine Name:	SAGO MINE	Start Date:	
Id:	326	End Date:	
Permit:	U001696	Resp Name:	ANKER WEST VIRGINIA MINING CO
Description:	Coal Underground	Resp Id:	000000
Issue Date:	6/10/1999	Original Acres:	19
Expire Date:	6/10/2009	Current Acres:	19
Status Code:		Dist Acres:	19

WV Mine Rescue hotline map





Map Viewer - Mozilla Firefox  
 http://www.mines.com/ind/psap/facts/MapViewer.jsp

Mines | Rescue Teams | Mine Incidents

Search: Auto Zoom: Single Row | Keyword: Sago | Advanced | By Map Area | By Selected Area | By Proximity: 50.0 mi.

For selected rows: Highlight Selected Mines | Clear Highlight | Remove unselected mines from list | Print

Select All | Select None | Show All Details | Hide All Details

Select Details	Mine Name	Description	Zoom	Rescue Teams
<input checked="" type="checkbox"/>	SAGO MINE	Coal Underground		

Mine Name: SAGO MINE | Start Date: | End Date: |  
 Id: 328 | Resp Name: ANKER WEST VIRGINIA MINING CO  
 Permit: U201698 | Resp Id: 000000  
 Description: Coal Underground | Original Acres: 19  
 Issue Date: 6/10/1999 | Current Acres: 19  
 Expire Date: 6/10/2009 | Dist Acres: 19  
 Status Code: | Recl Acres: 1  
 Status Flag: | USGS: 0  
 Latitude: 38.923555 | SCS Code: 0  
 Longitude: -80.213089  
 Inspection Status: AA-ACTIVE, NO COAL REMOVED

Update Mine Record | Incident Call Entry | View Mine Map

PSAP Contact Information

County: Upshur	State: WV
Name: Catherine Collins	Zip Code: 26201
Title: 9-1-1 Director/Addr Coord	Phone: 472-9550
Organization: Upshur County Communications Center	Fax: 472-2175
Address: 740 W. Main Street, Room 103	E-Mail: upshur911@hotmail.com
Town: Buckhannon	Notes:

Update PSAP Contact Record

Show Sago Mine No. 2 | Coal Underground | Zoom | Rescue Teams

Mapping | Preferences | Help | Logout

WV Mine Rescue hotline map





**WV Mine Rescue hotline map**

For selected rows: [Print](#)

[Select All](#) | [Select None](#) | [Show All Details](#) | [Hide All Details](#)

Select Details	Date	Time	Mine Name	County	Incident Status
<input type="checkbox"/>	<a href="#">Show</a> 9/18/2006	2:07 PM	SAGO MINE	Upshur	Open
<input type="checkbox"/>	<a href="#">Show</a> 10/3/2006	6:30 PM	SAGO MINE	Upshur	Open
<input type="checkbox"/>	<a href="#">Show</a> 9/25/2007	12:26 PM	SAGO MINE	Upshur	Open
<input type="checkbox"/>	<a href="#">Hide</a> 10/29/2007	2:18 PM	SAGO MINE	Upshur	Open

**Form Fields:**

Date: 10/29/2007  
 Time: 2:18 PM  
 Mine Name: SAGO MINE  
 Portal Number:   
 Permit Number: U001698  
 Caller:   
 Call Back #:   
 Alt. Call #:   
 County: Upshur  
 Physical Location:   
 Surface or Underground:   
 Nature of Emergency:   
 Injuries:   
 Number Injured:   
 Explosion:   
 Fire:   
 Fire Controlled:   
 Everyone Accounted:

**Checkboxes:**

Avs Workers Trapped:   
 Number Trapped:   
 Steps Mine Has Taken:   
 Mine Has Called 911:   
 Mine Has Called Rescue Team:   
 MSHA Person Contacted:   
 MSHA Number:   
 Disposition:   
 County 911 Contacted:   
 County 911 Contact:   
 County OES Contacted:   
 County OES Contact:   
 OSHSEM Director Notified:   
 Misc Notes:   
 Telecommunicator:

**Map Area:**   50.0 mi

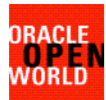
**Rescue Team Details:**

Start Date:   
 End Date:   
 Resp Name: ANKER WEST VIRGINIA MINING CO  
 Resp Id: 000000  
 Original Acres: 19  
 Current Acres: 19  
 Dist Acres: 19

**Permit Details:**

Id: 326  
 Permit: U001698  
 Description: Coal Underground  
 Issue Date: 6/10/1999  
 Expire Date: 6/10/2009  
 Status Code:

WV Mine Rescue hotline map





**WV Mine Rescue hotline map**

Map Viewer

Themes:

- Mine Permits
- Mine Permit Boundaries
- Rescue Teams
- Church
- Emergency Zones
- Non-Coal Dams
- Populated Places
- Roads
- Hydrography
- Zip Codes
- Counties
- Railroads
- WVSAMB Sites
- Raster

View controls:

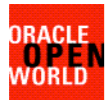
Search: Keyword Search | Tags | Advanced Search | Map Area | Select by area | Select by proximity | 100.0 mi

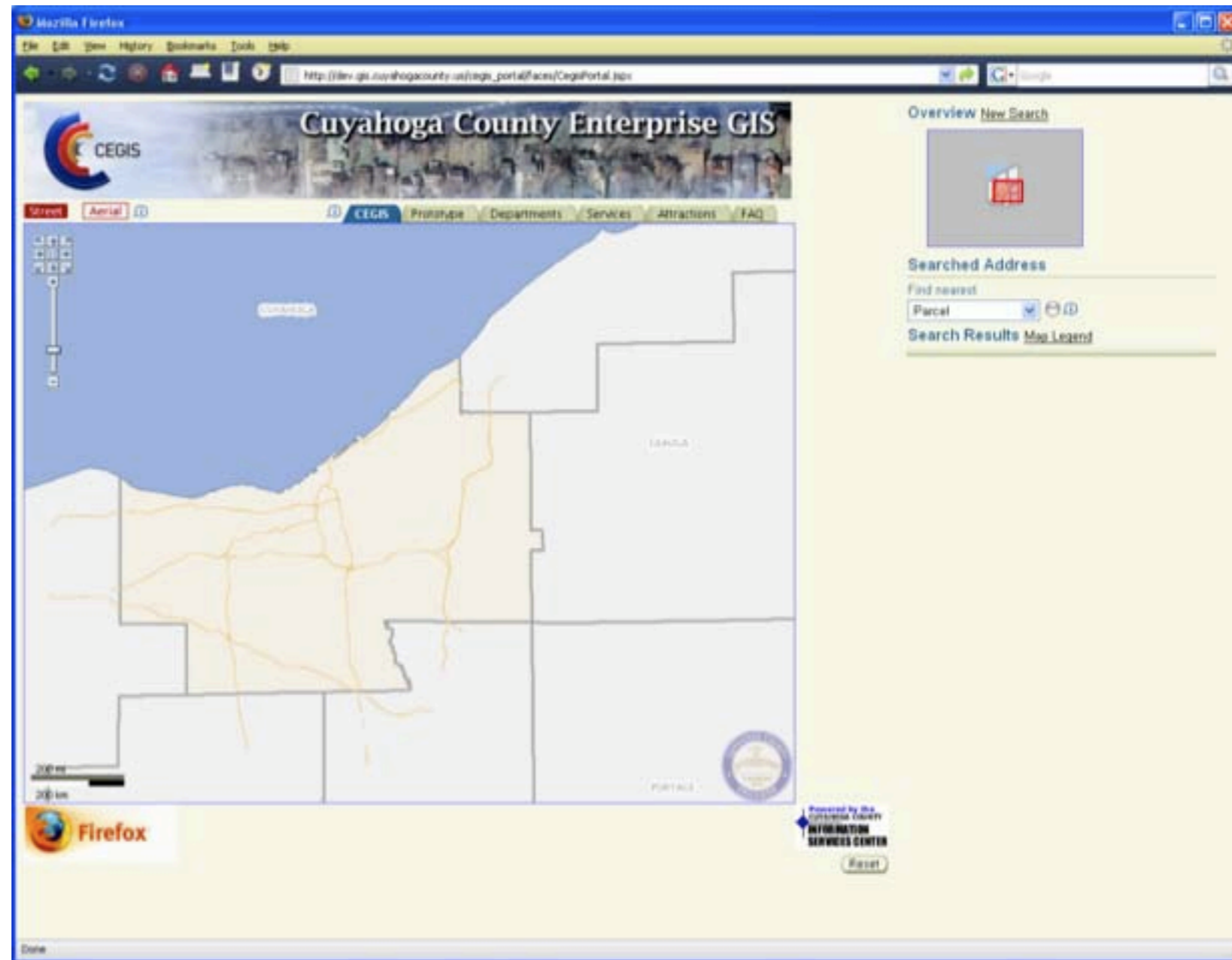
Highlight will act on selected rows only | Highlight Selected Rescue Teams | Clear Highlight | Remove unselected teams from list | Print

Select All | Select None | Show All Details | Hide All Details

Select Details	Rescue Team Name	Company	State	Zip Code	Distance	
<input type="checkbox"/>	<a href="#">Show</a> BARBOUR COUNTY TEAMS 1 and 2	BARBOUR COUNTY MINE RESCUE ASSOCIATION	WV	26230	20	<a href="#">Zoom</a>
<input type="checkbox"/>	<a href="#">Show</a> ROBINSON RUN NO. 95 MINE	CONSOL ENERGY, INC.	WV	26341	43	<a href="#">Zoom</a>
<input type="checkbox"/>	<a href="#">Show</a> ERT	LEHIGH CEMENT COMPANY	MD	20537	47	<a href="#">Zoom</a>
<input type="checkbox"/>	<a href="#">Show</a> TRI-STATE COAL TEAMS NO. 1 AND 2	TRI-STATE COAL OPERATORS ASSOCIATION	WV	26537	47	<a href="#">Zoom</a>
<input type="checkbox"/>	<a href="#">Show</a> EASTERN ASSOC. FEDERAL NO. 2	EASTERN ASSOCIATED COAL CORP.	WV	26570	49	<a href="#">Zoom</a>
<input type="checkbox"/>	<a href="#">Show</a> LOVERIDGE NO. 22	CONSOLIDATION COAL COMPANY	WV	26570	49	<a href="#">Zoom</a>
<input type="checkbox"/>	<a href="#">Show</a> BLACKSVILLE NO. 2	CONSOLIDATION COAL COMPANY	WV	26590	54	<a href="#">Zoom</a>

WV Mine Rescue hotline map







The screenshot shows a web browser window titled "Mozilla Firefox" with the address bar displaying "http://lev.gis.cuyahogacounty.us/cegis\_portal/face/CegisPortal.jspx". The main content area features the "Cuyahoga County Enterprise GIS" header with a logo and navigation tabs for "Street", "Aerial", "CEGIS", "Prototype", "Departments", "Services", "Attractions", and "FAQ". The central map displays a street view of a coastal area with labels for "Cuyahoga" and "LAKOTA". A search panel on the right includes "Overview" and "New Search" links, a "Searched Address" field, a "Find nearest" dropdown menu set to "Parcel", and "Search Results" and "Map Legend" links. The bottom of the browser window shows the "Firefox" logo and a "Powered by the Cuyahoga County INFORMATION SERVICES CENTER" notice with a "Reset" button.








**Cuyahoga County Enterprise GIS**

Street Aerial CEGIS Prototype Departments Services Attractions FAQ

**LINCOLN WEST HIGH SCHOOL**  
PLACE: Lincoln West High School  
ADDRESS: 3202 West 30th St, Cleveland, OH

Overview [New Search](#)

Searched Address

Find nearest

Parcel

Map Legend [Search Results](#)

Points of Interest [Layers](#)

- ▶ Attractions
- ▶ Board of Elections
- ▼ Emergency Management
  - Evacuation Route
  - Evacuation Hospital
  - Pickup Point
  - Red Cross
- ▶ Economic Development
- ▶ Education
- ▶ Environment
- ▶ Infrastructure
- ▶ Property
- ▶ Public Safety
- ▶ Social Services

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INFORMATION  
SERVICES CENTER

Reset

Location (in Ohio North SPCS (Feet)) 2187777.9, 656371.1

X:2187777.924931945 Y:656371.0881076389





The screenshot shows the Cuyahoga County Enterprise GIS web application. The browser window title is "Mozilla Firefox" and the address bar shows the URL: [http://filev.gis.cuyahogacounty.us/cegis\\_portal/face/CegisPortal.jspx](http://filev.gis.cuyahogacounty.us/cegis_portal/face/CegisPortal.jspx). The application header includes the CEGIS logo and the title "Cuyahoga County Enterprise GIS". Below the header is a navigation menu with options: Street, Aerial, CEGIS, Prototype, Departments, Services, Attractions, and FAQ. The main map area displays a geographic map of Cuyahoga County with various data layers overlaid, including a network of yellow and red lines and numerous red circular markers. A scale bar in the bottom left of the map indicates 200 meters and 200 feet. The right sidebar contains an "Overview" section with a "New Search" link, a "Searched Address" section with a "Find nearest" dropdown menu set to "Parcel", and a "Map Legend" section with a "Search Results" link. Below the legend is a "Points of Interest Layers" section with a list of categories: Attractions, Board of Elections, Emergency Management (with sub-items: Evacuation Route, Evacuation Hospital, Pickup Point, Red Cross), Economic Development, Education, Environment, Infrastructure, Property, Public Safety, and Social Services. At the bottom of the page, the Firefox logo is visible on the left, and the "Powered by the Cuyahoga County INFORMATION SERVICES CENTER" logo is on the right. The status bar at the very bottom shows the coordinates: "Location (in Ohio North SPCS (Feet): 2187777.9, 656371.1" and a small alphanumeric string "X:2187777.924931945 Y:656371.0881076389".





**Parcel Information**

X Coord	0
Y Coord	0
Units Of Ref	0
Tot Use Area	3895
Mineral Rts	N
Forest Land	N
Tot Buildings	1
Road Type	PV
Water	MUN
Sewer	SNS
Gas	Y
Electricity	Y
Par Lot Size	17249
Prop Lot Size	0
Update Date	2006-11-26
Deed Type	SLR
Grantee	KELLEY, JOHN K & DIANE L
Grantor	Boyko Christopher A
Sp Per Unit	0
Verification Date	2006-11-21
Verifier	JMP
Adj Sale Price	0
Xpar	0
Parcel Year	2007
Parcel Id	45434025
Year Of Sale	0
Month Of Sale	0
Link Id	5017979
Par Owner	KELLEY, JOHN K & DIANE L
Par Addr No	05291
Par Street	HUNTINGTON RESERVE
Par St Suffix	DR
Par City	PARMA
Par Zip	44134
Prop Class	R
Tax District	250
Nbhd Com Grp	06541
Luc	5100
Trans Ind	Y
Total Assoc	0
Sale Amount	298000
Sale Date	2006-09-19
Parcel Method	MANU

**Search Results**

New Search [Overview](#)

Search: Kelley, John

Searched Address

Find nearest

Parcel

Search Results [Map Legend](#)

Previous 1-5 of 6 Next

- 20121031 **Kelley, John & Terese**  
00075 Olmway Ave, Olmsted Falls
- 95511044 **Kelley, John J**  
06292 Morning Glory Cir, Solon
- 44904133 **Kelley, John J.**  
07719 Bertha Ave, Parma
- 45434025 **Kelley, John K & Diane L**  
05291 Huntington Reserve Dr, Parma
- 34426005 **Kelley, John M. & Heather A.**  
06409 Michael Dr, Brook Park

Powered by the Cuyahoga County INFORMATION SERVICES CENTER

Reset





**Cuyahoga County Enterprise GIS**

Street Aerial CEGIS Prototype Departments Services Attractions FAQ

Parcel ID: 45434025  
Owner: Kelley, John K & Diane L  
Street: 05291 Huntington Reserve Dr  
City: Parma

**New Search Overview**  
Kelley, John

**Searched Address**  
Find nearest:  
Parcel

**Search Results Map Legend**  
Previous 1-5 of 6 Next

- 28121031 **Kelley, John & Terese**  
00075 Olmway Ave, Olmsted Falls
- 95511044 **Kelley, John J**  
06292 Morning Glory Cir, Solon
- 44904133 **Kelley, John J.**  
07719 Bertha Ave, Parma
- 45434025 **Kelley, John K & Diane L**  
05291 Huntington Reserve Dr, Parma
- 34425085 **Kelley, John M. & Heather A.**  
06409 Michael Dr, Brook Park

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Location (in Ohio North SPCS (Feet)) 2182953.8, 617406.8

X:2182953.75 / Y:617406.8125





**Cuyahoga County Enterprise GIS**

Street Aerial

CEGIS Prototype Departments Services Attractions FAQ

ANDOVER DR  
HUNTINGTON RESERVE DR  
ROOPER RD  
KOEPP RD

200 ft  
50 ft

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Firefox

Location (in Ohio North SPCS (Feet)) 2182953.8, 617406.8

X:2182953.75 / Y:617406.8125

New Search Overview  
Kelley, John

Searched Address  
Find nearest:  
Parcel

Search Results Map Legend  
Previous 1-5 of 6 Next

- 28121031 **Kelley, John & Terese**  
00075 Olmway Ave, Olmsted Falls
- 95511044 **Kelley, John J**  
06292 Morning Glory Cir, Solon
- 44904133 **Kelley, John J.**  
07719 Bertha Ave, Parma
- 45434025 **Kelley, John K & Diane L.**  
05291 Huntington Reserve Dr, Parma
- 34425085 **Kelley, John M. & Heather A.**  
06409 Michael Dr, Brook Park





**Cuyahoga County Enterprise GIS**

Street Aerial CEGIS Prototype Departments Services Attractions FAQ

**New Search Overview**

**Searched Address**  
 Find nearest:

**Search Results Map Legend**  
 1-5 of 6

- 28121031 **Kelley, John & Terese**  
00075 Olmway Ave, Olmsted Falls
- 95511044 **Kelley, John J**  
06292 Morning Glory Cir, Solon
- 44904133 **Kelley, John J.**  
07719 Bertha Ave, Parma
- 45434025 **Kelley, John K & Diane L.**  
05291 Huntington Reserve Dr, Parma
- 34425085 **Kelley, John M. & Heather A.**  
06409 Michael Dr, Brook Park

Powered by the  
**INFORMATION  
 SERVICES CENTER**

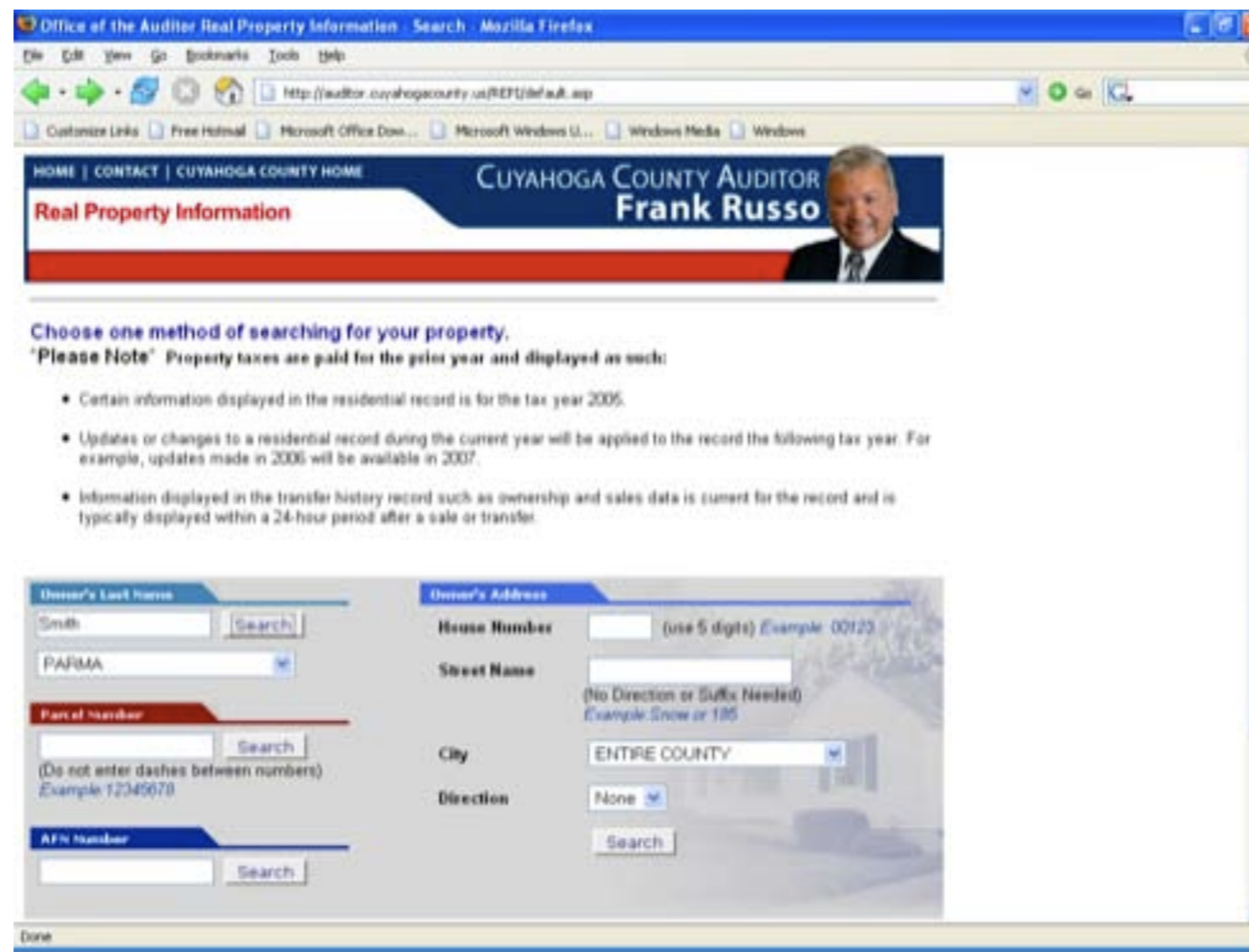
Location (in Ohio North SPCS (Feet)) 2181979.4, 616348.4

http://lev.gis.cuyahogacounty.us/cegis\_portal/face/CegisPortal.jspx#





# Geo-enabling existing web applications





# Geo-enabling existing web applications

The screenshot shows a web browser window displaying a GIS application. The browser's address bar shows the URL: <http://118.10.25.10:8080/Cosfoga-ALWEB-contact-mat/Faces/Map.jspx>. The application header includes navigation links: HOME | CONTACT | CUYAHOGA COUNTY HOME. The main content area features a map with a large number of red triangular markers. A search results table is displayed on the right side of the screen, showing a list of records with columns for Parcel, Owner, and Address. The table contains 20 rows of data, with the first row being: Parcel: 01517005, Owner: SMITH ADA, Address: 03912 SMITH AVE. The table is paginated, showing 1-20 of 3472 records.

Parcel	Owner	Address
01517005	SMITH ADA	03912 SMITH AVE
73607014	SMITH BARBY R.	03299 STOCKHOLM RD
10712136	SMITH BETTY J	01365 94 ST
13915146	SMITH BLANCHE	03902 149 ST
99106002	SMITH BRUCE A	08027 RICHARD RD
01620038	SMITH C L	04714 EICHORN AVE
11716056	SMITH CARL & HELEN J	00360 181 ST
14119073	SMITH CHARLEAN	18501 MICHAEL AVE
70108002	SMITH CHARLES C	19106 RIDGEWOOD AVE
45720040	SMITH DARL L & DOROTHY M	11836 KADER DR
21324020	SMITH DONNA J	01859 LAUDERDALE AVE
64310026	SMITH EDWIN	23600 IVAN AVE
73621063	SMITH ELMER G	02539 CHESIRE RD
13400046	SMITH ESTELLE	06425 MARYLAND AVE
44299086	SMITH EUGENE G	10700 FARLAWN DR
11011025	SMITH HAROLD & ZELMA	00898 EDDY RD
98770056	SMITH HATTIE	03093 E BERRKSHIRE RD
98119026	SMITH IRENE A	01286 SUNSET RD
12000111	SMITH JAMES	10314 SHALE AVE
98490008	SMITH JEFFREY	01630 TAYLOR RD



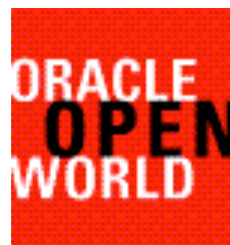
# Geo-enabling existing web applications

The screenshot shows a web browser window displaying the EGIS Map application. The interface includes a navigation menu with options like 'General Information', 'Transfer History', 'Land Record', 'Residential Map Search', 'Sales Cart Values', 'Search Page', and 'Map'. A map of a residential area is shown with various parcels highlighted in green. A table on the right side of the screen lists parcel details, including Parcel ID, Owner, and Address. The table is titled 'New Search' and shows 21-40 of 3472 results.

Parcel	Owner	Address
02227038	SMITH JOHN THOMAS	14018 ELSETTA AVE
21450001	SMITH JOHN THOMAS	24355 HILLIARD BLVD
67300071	SMITH JUDY	21147 CARLYON RD
12130072	SMITH L FRANCIS	10905 NOTRE DAME AVE
85200028	SMITH LAWRENCE E	34825 LAKEVIEW DR
02912092	SMITH LINDSAY C	11956 SUMMERLAND AVE
02912221	SMITH LINDSAY C	11839 SUMMERLAND AVE
02213019	SMITH LINDSAY C	8436 130 ST
02912094	SMITH LINDSAY C	SUMMERLAND AVE
02912095	SMITH LINDSAY C	11046 SUMMERLAND AVE
02912096	SMITH LINDSAY C	11503 SUMMERLAND AVE
20020000	SMITH LOTTIE	24543 SELHURST RD
02810009	SMITH MARTHA L	10801 BERNARD AVE
11700028	SMITH MICHAEL	21724 AVALON RD
14321101	SMITH MILDRED	16704 FARFAX AVE
14320047	SMITH MOLLE	24744 176 ST
12918000	SMITH OSCAR G JR	11807 FOREST AVE
02718009	SMITH PATRICIA ANNE	83303 100 ST
02117052	SMITH PALLETTE	21089 HEREFORD RD
30100022	SMITH PETER D	10845 FENCE ROW DR

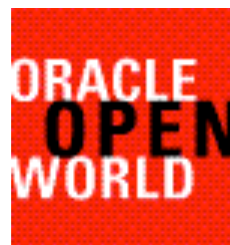
## Moving to ADF 11g

- ☑ More design flexibility
- ☑ More widgets and data visualization tools
- ☑ Web 2.0
- ☑ Same benefits with more appeal
- ☑ What is COTS and why use it?





**Any Questions?**





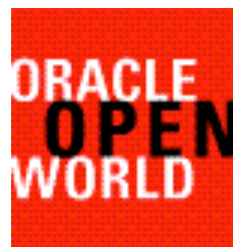
## Save the Date!



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