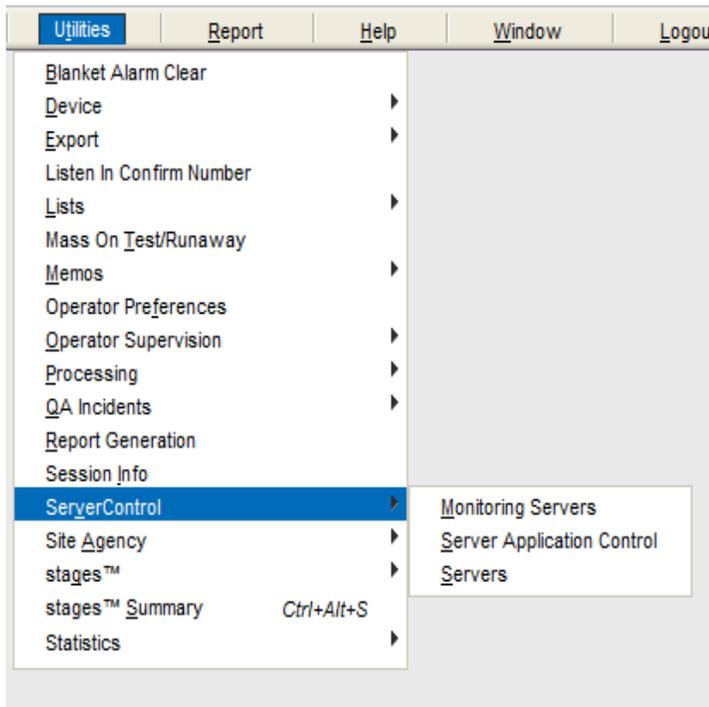


Multiple Active Servers

stages™ supports using multiple active servers. One server in each Office can be designated as the Active Server. Users will use the Active Server for the office that contains their workstation.

Server Control has been added as a submenu in the Utilities menu containing Monitoring Servers, Server Application Control, and Servers.



Servers lists all the Database servers.

Office#, Office Description, Communication Status and Last Communication have been added to the list.

Communication Status will display 'NA' for the logged in server, 'OK' when the server is in communication and 'ComFail' when the server is not in communication.

The image shows a window titled 'SGS Servers' containing a table with the following data:

Server#	Active	This Server	Server	IP Address	Office	Description	Com Status	Last Com
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	QUAKE	192.168.0.11	1	Secure Central Station	NA	
2	<input type="checkbox"/>	<input type="checkbox"/>	Beach	192.168.0.1	1	Secure Central Station	OK	00:00:01
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Earth	192.168.0.1	99	Irvine Fire station	ComFail	550:21:38
8	<input type="checkbox"/>	<input type="checkbox"/>	beachstages	192.168.0.1	99	Irvine Fire station	OK	00:00:01

In Server Application Control, each application (Monitoring, Dealer, Customer, Gateways...) can have the active server assigned.

Application#	Application	Active Server
1	StagesMonitoring	1-QUAKE
▶ 1	StagesMonitoring	8-beach\stages
2	StagesDealer	1-QUAKE
3	StagesCustomer	1-QUAKE
4	StagesGateways	1-QUAKE
5	SGS Tickets	1-QUAKE
▶ 6	Dashboard	2-Beach
11	ExternalDispatch	1-QUAKE

In Monitoring Servers, the active server for each office is assigned.

Office	Description	Backup O	Description	Backup Office	Isolated
1	Secure Central Station			<input type="checkbox"/>	<input type="checkbox"/>
99	Irvine Fire station	1	Secure Central Station	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Server#	Active	This Server	Server	IP Address	Office	Description	Com Status	Last Com
▶ 7	<input type="checkbox"/>	<input type="checkbox"/>	Earth	192.168.0.1	99	Irvine Fire station	OK	00:22:36
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	beach\stages	192.168.0.1	99	Irvine Fire station	OK	00:00:03

For offices with a Backup Office assigned in Office Setup, the active server can be set to follow the active server in the Backup office.

Inactive Server Dispatching

Dispatch functions can be made on the Inactive Servers. All processing will still be made on the Active Server.

Application Options

The Application Options window has been added to Utilities | stages™ to control the timeouts, password controls, and Active Directory Configuration for each stages™ Application individually. Applications include Monitoring, Dealer Access, Customer Access, the API Gateway, and Metrix.

The screenshot displays the 'Options (StagesMonitoring)' window. On the left, a table lists applications with 'StagesMonitoring' selected. The main area is divided into two sections: 'Options (StagesMonitoring)' and 'Active Directory Configuration (StagesMonitoring)'. The 'Options' section includes a list of timeout settings and a 'password options' section with checkboxes for password requirements. The 'Active Directory Configuration' section contains a warning message and input fields for 'Idap server' and 'Idap domain'.

Application#	Application
1	StagesMonitoring
2	StagesDealer
3	StagesCustomer
4	StagesGateways
6	Metrix

Options (StagesMonitoring)

- auto logoff: 00:30:00
- auto logoff warning: 00:00:33
- message client period: 00:00:05
- message web server period: 00:00:01
- web server session timeout: 00:00:45
- web server to sql keep alive: 00:00:45
- web server to sql timeout: 00:00:30
- client service timeout: 00:00:30
- expire session: 01:00:00

password options

- expire days: 90
- min characters: 6
- required character types:
 - require alpha:
 - require numeric:
 - require special:
 - require uppercase:
 - require lowercase:
- min categories:
- weak password error message: Your password must be at least 6 characters with one letter and one number required.

Active Directory Configuration (StagesMonitoring)

Warning: Invalid Entry here can prevent all users from logging in. This screen should be blank, unless Active Directory will be used for user authentication.

Idap server:
Idap domain:

Address Validation

Address Validation is made using Melissa Data. This is done separately from the PSAP information for Agencies. www.melissadata.com

Site

site name Mr Sandwich

address [Enter Address](#)

region ca ^ California

time zone 5 (GMT-08:00) Pacific Time (US & Canada); Tijuana

site status ^

site type c ^ Commercial

language ^

runaway threshold ^

Click on the 'Enter Address' link to open the Site Address entry in a new window.

Site Address

Site Address	Suggestions
site name Mr Sandwich	
address Enter Address	
address 92 Corporate Park	
address2 J	
zip select	
city Irvine	
state	
zip code	
county	

Geo Data Match

Contacts Contact Lists Site Device

Site

site name Mr Sandwich

address [Enter Address](#)

region ca ^ Califo

time zone 5 (GMT-08:00)

site status ^

site type c ^ Comme

language ^

runaway threshold ^

info

address info

street

Pressing the Get Geo Data button will try to find a match for the entered address data.

Site Address	
Site name	Mr Sandwich
address	Enter Address
address	92 Corporate Park
address2	J
zip select	
city	Irvine
state	CA
zip code	
county	
  	
Geo Data Match	
92 Corporate Park Ste J Irvine, CA 92606 92 Corporate Park Ste J Irvine, CA 92606	
address 92 Corporate Park address2 Ste J city Irvine state CA zip code 92606 county latitude 33.69257 longitude -117.82719 street# 92 street pre-direction street name Corporate street post direction street suffix Park suite Ste J suite name zip plus 4 5108 suite number	<div style="border: 1px solid black; padding: 5px;"> psap name IRVINE PD psap id 3514 psap phone 9497247200 admin phone 9497247000 </div>

When a match is found, data that was updated displays in Green. A hyperlink to Google maps is available to check the address. The Geo Data can be accepted or ignored. Accepting will save the Geo Data to the Site. Ignoring will save the entered data to the Site as is.

Site Address			
Site name	Bob Smith		
address	Enter Address		
address	22		
address2			
zip select			
city	Anaheim		
state	CA		
zip code			
county			
  			
Suggestions			
Address	City	State	Zip
22 Ash Via	Anaheim	CA	92801
22 Cypress Via	Anaheim	CA	92801
22 Elm Via	Anaheim	CA	92801
22 Magnolia Via	Anaheim	CA	92801
22 Maple Via	Anaheim	CA	92801
22 Orange Via	Anaheim	CA	92801
22 Pine Via	Anaheim	CA	92801
Geo Data Match			

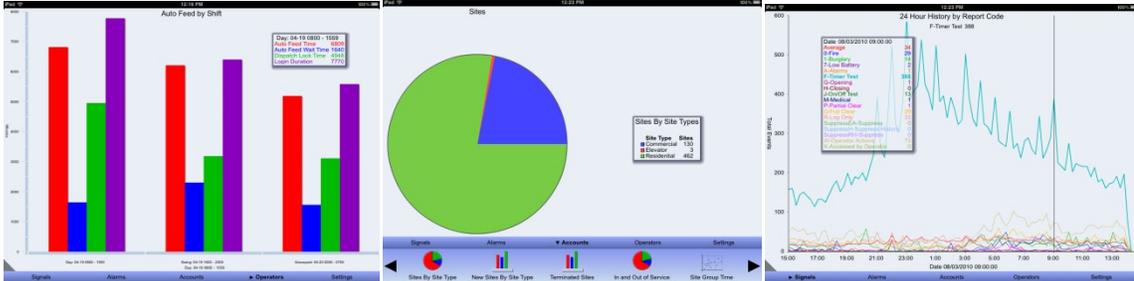
When a match is not found, a list of suggestions is provided, if available. Double Clicking on a row suggestion will move that data into the Geo Data Match.

Site Address	
Site Address	Suggestion
site name Bob Smith	
address Enter Address	
address 22 Cypress Via	
address2	
zip select	
city Anaheim	
state CA	
zip code 92801	
county	
  	
Geo Data Match	
22 Cypress Via Anaheim, CA 92801 22 Cypress Via Anaheim, CA 92801	
address 22 Cypress Via address2 city Anaheim state CA zip code 92801 county latitude 33.859949 longitude -117.913328 street# 22 street pre-direction street name Cypress Via street post direction street suffix suite suite name zip plus 4 1018 suite number	<div style="border: 1px solid black; padding: 5px;"> psap name ANAHEIM PD psap id 3340 psap phone 7147651911 admin phone 7147651824 </div>

The data can then be accepted.

Stages™ Metrix

The stages Metrix Application will be available soon on iPad and Android Tablets to provide statistical information graphically to the Central Station and Dealers.



Users are set up within stages. A user with the Metrix permission granted will be able to log into the Metrix application. The Metrix permission is selectable for both stages Users and External Users. The external users will only be shown a subset of the graphs and only see data for their site groups.

First Name	Middle Name	Last Name	Suffix	Order#	User Name	PIN
John		Floyd		20	ff	

Permissions:

- Metrix
- External Application
- On/Off Test
- Quick On/Off Test
- Report Distribution
- Write Access
- Write Data Configuration

To support some graphs in the Metrix application, a Shifts setup has been added to Utilities | Operator Supervision.

Shift	Start Time	End Time
Day	06:00	14:00
Graveyard	22:00	06:00
Swing	14:00	22:00

The Metrix Application (6) should be set to a different server from the Monitoring Application (1) for performance.

Auto Process

'No Repeat Notification Minutes' has been added to restrict Notifications from being sent on a matching Signal Code / Point combination during the time frame entered.

'Exclude Notify Code List' has been added as a Site Group Notify Option on Auto Processes. Site Group Contacts with the selected notify codes will not receive the Auto Process notification. All other enabled contacts will.

Action Plan Auto Evaluation Step (E Type)

Two Auto Evaluation options have been added.

'Is this the first signal since last failed timer?' Results: Yes, No

'Was there an A/C Power Fail in the last 24 hours?' Results: Yes, No

Email

Increased character limit on email subject entry in Auto Process and Email Template

The Variables for [AlarmDetails] and [AlarmDetailsWide] are defaulted to 75 rows. This is now configurable in the stages™ Option "Max# Rows Alarm Details". The maximum number of rows is 500.

Site Audit

Audit Codes have been added for

'At least one FD Agency'

'At least one PD Agency'

'At least one Zone in Configuration'

'At least one Dispatch Type'

stages™ Options

'Fail Timer Test Event Required' will require that when a timer test interval is entered on a device, the Fail Timer Test Event Code is also entered. (Data Entry Tab)

'Voice Recording Retrieve Task Num' has been added to support some Voice Recording integrations. (Processing Tab)

'Max# Rows Alarm Details' has been added to support changing the default 75 rows of history in the variables [AlarmDetails] and [AlarmDetailsWide]. The maximum number of rows allowed is 500.

Dispatch Queue

'Suppress Queue without Operator Flag' has been added to exclude the Queue from sending notifications when no operators are assigned.

Event Code

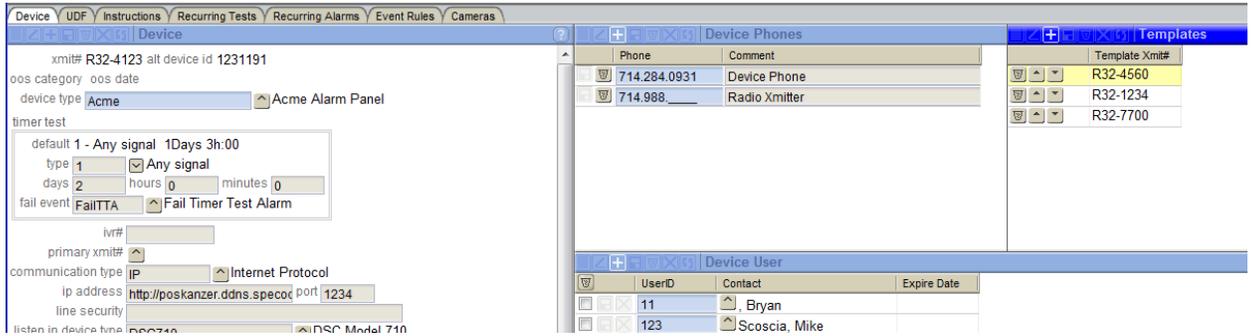
Added Signal Code Description Flag to display the signal code description in history instead of the event code description. This can be used for a general Restore event code to display the information received within the signal code description without having multiple restore events or using zone descriptions.

Event Rule

A Suppression by Point flag has been added to the Event Rule set up to limit the suppression to only signals with matching points.

Device

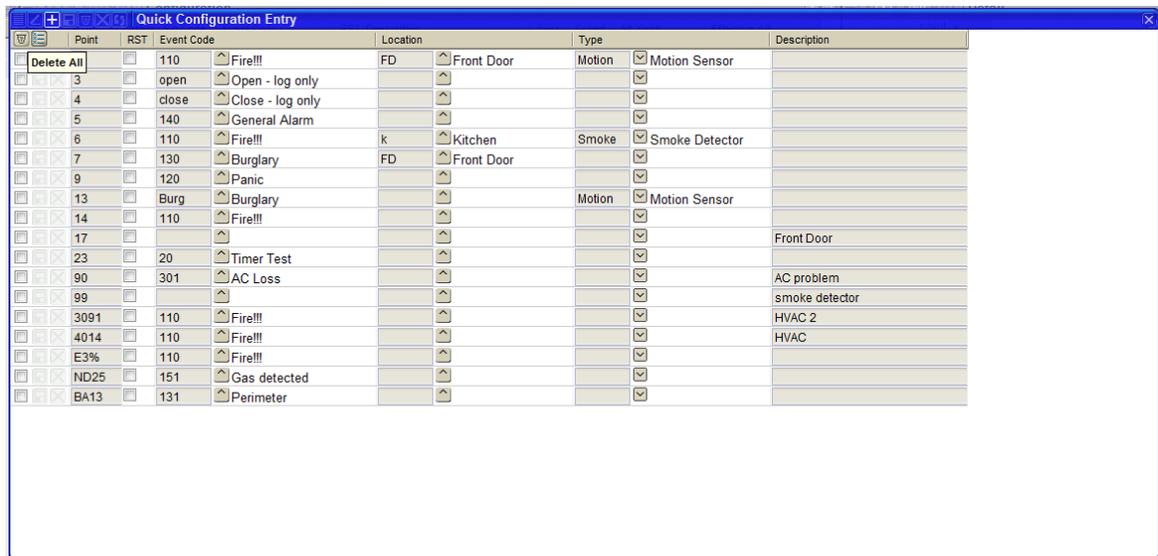
Other Xmit#s can be entered as Templates for zoning. The device configuration for these templates will be applied to the device. The zones for the Device will be searched first, then the template devices in order, and then the site group device defaults.



The Device Information field has been added to the flyout of the device list in the Data Entry and Quick Call windows.

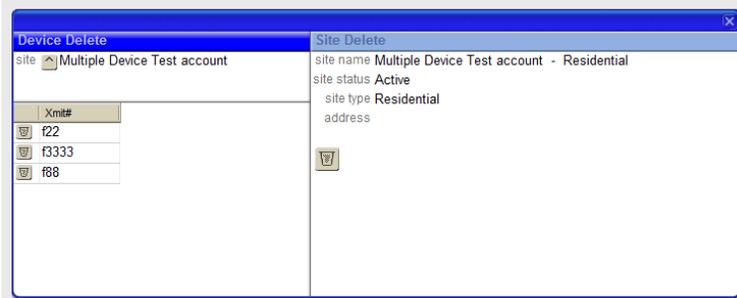
Quick Configuration Entry

A Delete All button has been added to the list header.



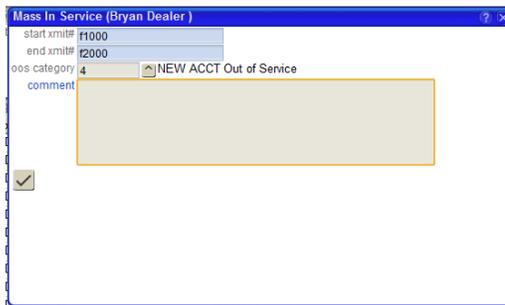
Device Delete

The Get Devices button has been removed from Device Delete. The get devices function will execute automatically on selecting the site from the look up.



Out of Service

The Mass In Service function in the Site Group can be filtered by OOS Category.



The OOS list in Utilities | Lists can be filtered by OOS Category.

The screenshot shows a window titled "Out of Service" with a table of devices. The table has the following columns: Xmit#, Site Name, Group, Category, and OOS Date. The table contains 23 rows of data, all with a status of "PENDING INSTALL".

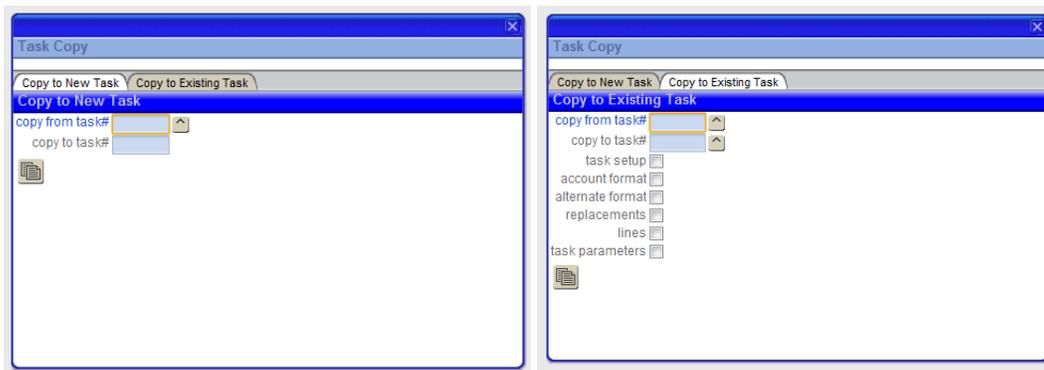
Xmit#	Site Name	Group	Category	OOS Date
R32-7700	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7702	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7703	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7704	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7705	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7706	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7707	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7708	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7709	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7710	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7711	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7712	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7713	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7714	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7715	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7716	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7717	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7718	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7719	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7720	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7721	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7722	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40
R32-7723	PENDING INSTALL	123 Alarm Co (1), Bryan Dc	OFF LINE LETTER RECEIVED	02/19/10 09:56:40

Documents

Documents can be deleted.

Task Copy

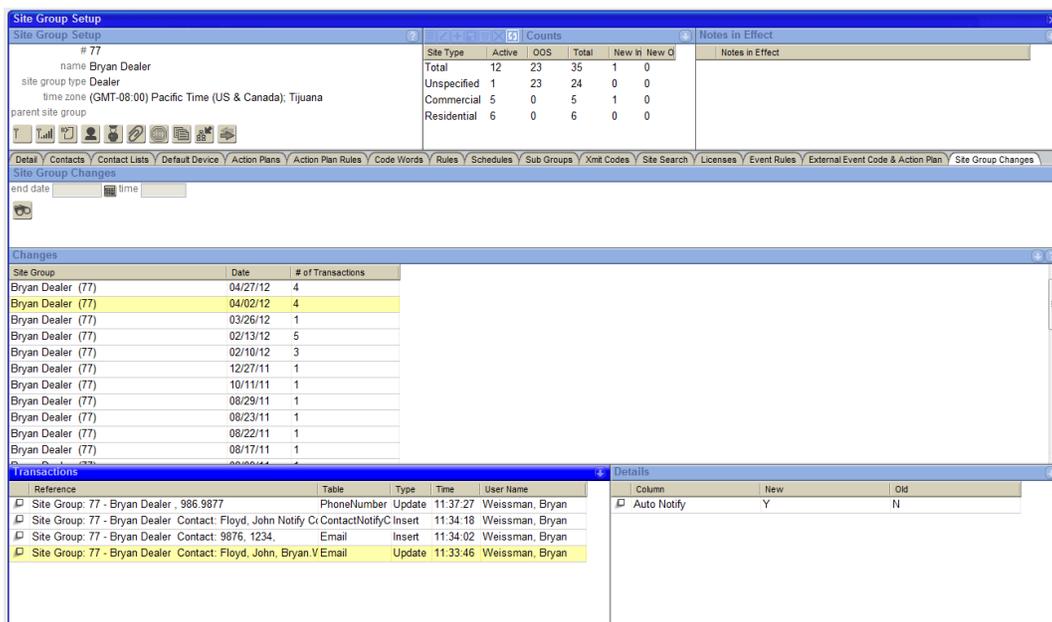
Tasks can be copied from an existing task to a new task or into another existing task. Tasks copied to a new task will be copied entirely. When copying to an existing task, components are selected individually.



(Utilities | Processing | Task Copy)

Site Group Changes

Site Group Changes has been added as a tab in the Site Group setup window.



Agency Type

One Only Flag has been added to the Agency Type setup to only allow one agency of the type to be entered on a site.

Database Size

The Database Size graph has been added to track the disc space of the stages™ Database.

History

Latitude and Longitude have been added to the history flyout for signals from GPS devices.

Alternate Xmit History

The button to open Alternate Xmit history has been added to the Data Entry and Quick Call windows.

External Application

A view of Xmit Code Control has been added to the Utilities menu. The Site Group can see the prefixes assigned to them and the available Xmit#s under the prefix.

Alarms that have been handled by an Auto Process are displayed in Recent Alarms.

New Permissions

Area Arm / Disarm is a separate permission

Documents Delete

Ignore Pending Restores is a separate permission

Metrix has been added for the main application and the dealer application. Selecting this permission will enable the user's login for the stages™ Metrix application.