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## Overview of the TopView Web Configurator

### What is the TopView Web Configurator?

Configuration of TopView involves the configuration on one or more real-time TopView Engines. Each Engine is controlled through a configuration file that defines the behavior of the Engine including the alarm tags and notification setting. In addition, Engines share a group of global settings that include Contacts, Schedules, and Notification Groups.

The primary configuration tool for TopView is the TopView Configurator, a Windows desktop application that runs on the same machine as TopView. There is also a separate Windows desktop application that only provides access to the global settings such as Contacts. While powerful for configuration tasks, these desktop applications cannot be easily deployed on remote machines and are difficult to embed within HMIs.

The TopView Web Configurator is a web-based configuration tool designed to address some of the shortcomings of the desktop configuration tools and to provide a modern experience for TopView administrators and users involved in configuration.

## What can be configured in the Web Configurator?

Current release:

- Global settings:
  - Contacts
  - Schedules
  - Global Notification Groups (Email-SMS, Voice, ...)
- Configuration/Engine settings:
  - Tags and Limits
  - Tag Groups
  - General settings (partial)
  - Audible Alarms
  - Email-SMS Notification:
    - Enable/disable
    - Default Notification Group
    - Outgoing and incoming email
  - Voice Notification:
    - Enable/disable
    - Default Notification Group
    - VOIP settings
  - Mobile Web App server settings
  - Remote Viewer
- Administration (Admin Tools functions)
  - View Logs: application, alarm, alarm actions, Email-SMS (outgoing/incoming), Modem/pager, Voice notification, SNMP, Events
  - Real-time monitor: overview, audible alarms, Email-SMS queue, incoming Email, incoming SMS, Modem queue, Voice queue, SNMP trap queue, MQTT queue, EventHooks, Mobile Web App, Remote Viewer connections, Snapshot reports, Snapshot output, Alarm RSS feeds, Alarm reports, Performance

### Web Configurator vs Desktop Tools

The Web Configurator provides configuration and administrative tools that mirror the functionality in some of our desktop tools.

Configuration: TopView Configurator

Administration: TopView Admin Tools

The TopView documentation contains details on all configuration fields and administrative information that is visible in the Web Configurator. Most of those details are not repeated in the document, therefore the user should reference the TopView documentation/help for details.

### User permissions

Users who can access the TopView Web Configurator may be able to view all information. The Web Configurator setting “Require Login” controls the enable/disable of this “view only” mode. The “Require Login” setting is available in the Web Configurator settings in the TopView Configurator. See “Configuring the web server”.

Users can be given view/edit permission to each category type (Configurations, Contacts, Schedules, ...) and the ability to manage users.

## Configuring the web server

The TopView Web Configurator is a web application hosted by a web server running on the TopView machine. The web server is installed with TopView but is not running until it is configured and started.

### About the web server

The web server for the TopView Web Configurator is hosted by the process executable `ProgramPath\web\TVWebConfig.exe` where `ProgramPath` is the TopView program path.

The web server can run interactively (for testing) and as a Windows Service.

### DataPath permissions for the web server

Since the Web Configurator is used to view/edit configuration information, the web server process (`TVWebConfig.exe`) will need permission to read/write files in the TopView `DataPath`.


If the web server is run interactively, the Windows user account for the web server is same as the launching user or application.

If the web server is running as a Windows Service, the LogOn account of the Service will be the account for the web server.


## Web server configuration

Configuration of the web server is performed from the TopView Configurator desktop application.



Launch the desktop Configurator and select “Web Configurator” from the left menu of the TopView Configurator

 [Web Configurator...](#)

TopView Web Configurator


**TopView Web Configurator**

Some of TopView's Global settings (Contacts, Schedules, Notification groups) can be managed through a web browser. Web browser users can be local or remote to the TopView machine. Below you can configure the settings and execution of the web server for the TopView Web Configurator.

 [Launch Help file](#)
 [Launch PDF help](#)

**Web Configurator: web server settings**

HTTP port: 
Log Level: Info

Reset admin password

☒ Require Login
Purge logs after  days (0=no purging)

☐ Enable HTTPS
HTTPS port:

☒ Force HTTPS

HTTPS Certificate: 

...

Certificate PW:

**Web Server State**

The web server is currently: Stopped
The web server can run interactively (for testing) or as a Windows Service (configure below).

Open browser...

**Run the web server interactively**

Start the web server interactively...

only recommended for testing

**Run the web server as a Windows Service**

Running the web server as a Windows Service is recommended if IIS integration is not enabled.
[Manage All Windows Services...](#)

Windows Service name: TopView Web Configurator (TVWebConfig)

Status: Stopped

Start Service

Stop Service

Service: Installed

Install Service

Uninstall Service

LogOn account for Service

☒ LocalSystem account
☐ User account

User: 
Password:

The account of the Service must have read/write permissions to the TopView DataPath

Set user 'LogOn As Service'

Apply

Close

8



### Web Server Settings

- **HTTP Port:** the HTTP port on which the web server will listen. Default=5000
- **Require Login:** if selected, all users will be required to log in. If not selected, users will be able to view information as a guest and will need to log in to obtain additional permissions
- **Log level:** sets the desired logging level of the Web Configurator (default=Info)
- **Purge log after X days:** enter X>0 if the Web Configurator should remove older daily log files
- **HTTPS:**
  - **Enable HTTPS:** if selected, enables HTTPS in addition to HTTP
  - **HTTPS Port:** the HTTPS port on which the web server will listen. Default=5001
  - **Force HTTPS:** is selected, HTTP connections will be routed to the HTTPS port
  - **HTTPS Certificate:** the location of the certificate for hosting HTTPS
  - **Certificate PW:** the password for the HTTPS certificate
- **Reset admin password:** resets the admin password to its default value "password". Note: web server must be running to reset the admin password.

### *Creating a self-signed certificate for HTTPS*

To enable HTTPS you must supply a certificate and certificate password. The following instructions will allow you to create a self-signed certificate for use with the Web Configurator.

1. Run PowerShell as Administrator
2. Run the following command:  
`New-SelfSignedCertificate -DnsName <Computer name> -  
CertStoreLocation "cert:\LocalMachine\My"`

where <Computer name> is the name of the hosting machine (TopView computer).

Example for machine named TVMACH:

```
New-SelfSignedCertificate -DnsName TVMACH -CertStoreLocation  
"cert:\LocalMachine\My"
```

3. Run "Manage computer certificates"  
Click the Windows Start button and type "cert" and you should see "Manage computer certificates".  
Here is an alternate method for running "Manage computer certificates"
  - a. Run "MMC.exe" as Administrator
  - b. File...Add/Remove Snap-in
  - c. Select Certificates from left side and click [Add>] button
  - d. Select to manage certificates for "Computer account" and click [Next]
  - e. Select the computer: Local computer and click [Finish]

4. On left menu select Personal -> Certificates -> Double click the certificate you created to open it
  - a. Click details tab -> copy to file
  - b. Click next then choose "Yes, export the private key"
  - c. Click Next -> Next -> check the password box and create and note the password
  - d. Click Next then choose the file location
  - e. Click Finish to export the file
5. Enable HTTPS and set the path and password for the pfx file that was created

### Web Server State

The web server can run interactively or as a Windows Service.

If running interactively, messages are printed to the screen which can be helpful for testing and debugging of web server issues.

When running as a Windows Service, the web server can start and stop with the machine regardless of logged on user. We expect most users will run the web server as a Windows Service.

- **The web server is currently:**
  - Stopped
  - Running (Interactive)
  - Running (Windows Service)
- **Open browser:** if the web server is running the [Open browser...] button will open the default browser to the local url of the Web Configurator
- **Start the web server interactively:** allows the user to launch the web server as an interactive process.

### [Windows Service Settings](#)

We recommend running the web server as a Windows Service since this allows the web server to start and stop with the machine regardless of user login.

- Status: displays the status of the web server Service (stopped/running).  
If the TopView Web Configurator Service is installed
  - [Start Service] will start a stopped Service
  - [Stop Service] will stop a running Service
- Service: Installed/Not Installed
  - If not installed, the user can enter the desired LogOn details for the Service and click [Install Service] to install the TopView Web Configurator Service.
  - LogOn account for Service: Services run under a specified account. Most users will be able to run the Service as LocalSystem. If the LocalSystem account does not have the required permissions you will need to specify a username and password for the Service.
    - LocalSystem account: select to set the Service LogOn account to LocalSystem
    - User account: select to set the Service LogOn account to a specific user
      - User: username for the Service as domain\user  
For user accounts on the local computer, use a period for the domain
      - Pw: password for the entered user

Note: the Service is installed with “Startup type” = Automatic. If you would like to change this setting you can edit the Windows Service “TopView Web Configurator” using the Windows Services app in Control Panel (click “Manage All Windows Services” to access the Windows Services app)

## Using the Web Configurator

### Web Server URL

Once the Web Configurator's web server is running you can access the app through a web browser. If you are accessing the Web Configurator from a remote machine you may need to adjust the firewall on the TopView machine to allow connections to the Web Configurator HTTP/HTTPS port.

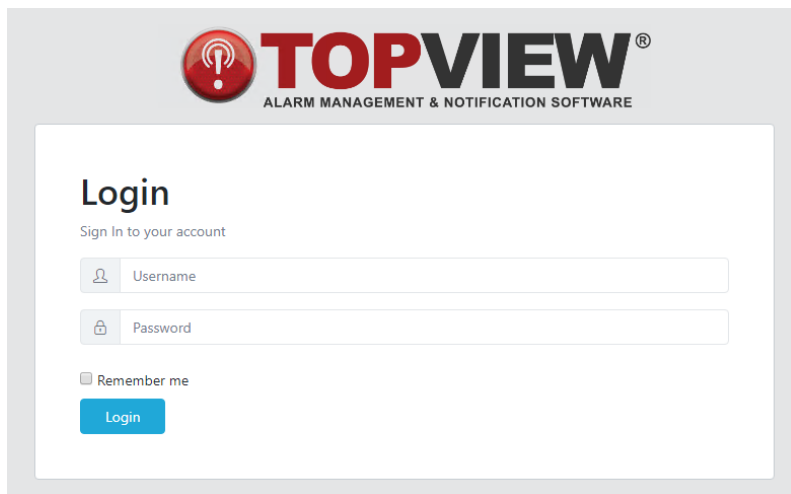
### URL for the Web Configurator

- For HTTP: <http://hostorip:port> where hostorip is the machine name or IP address of the TopView machine and port is the selected HTTP port for the web configurator (default=5000)
- For HTTPS: <https://hostorip:port> where hostorip is the machine name or IP address of the TopView machine and port is the selected HTTPS port for the web configurator (default=5001)

### Login

The Web Configurator supports user login with the ability to control permissions for each user. Creation and edit of users is performed from the Web Configurator by a user with the "edit user" permission. The default admin user has this permission.

To access the login screen: select the "Login" link in the upper right corner



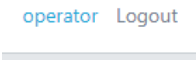
### Admin user

A default admin user is created during the TopView installation with the following credentials:

- **Username:** admin
- **Password:** password

### [Changing a user's password](#)

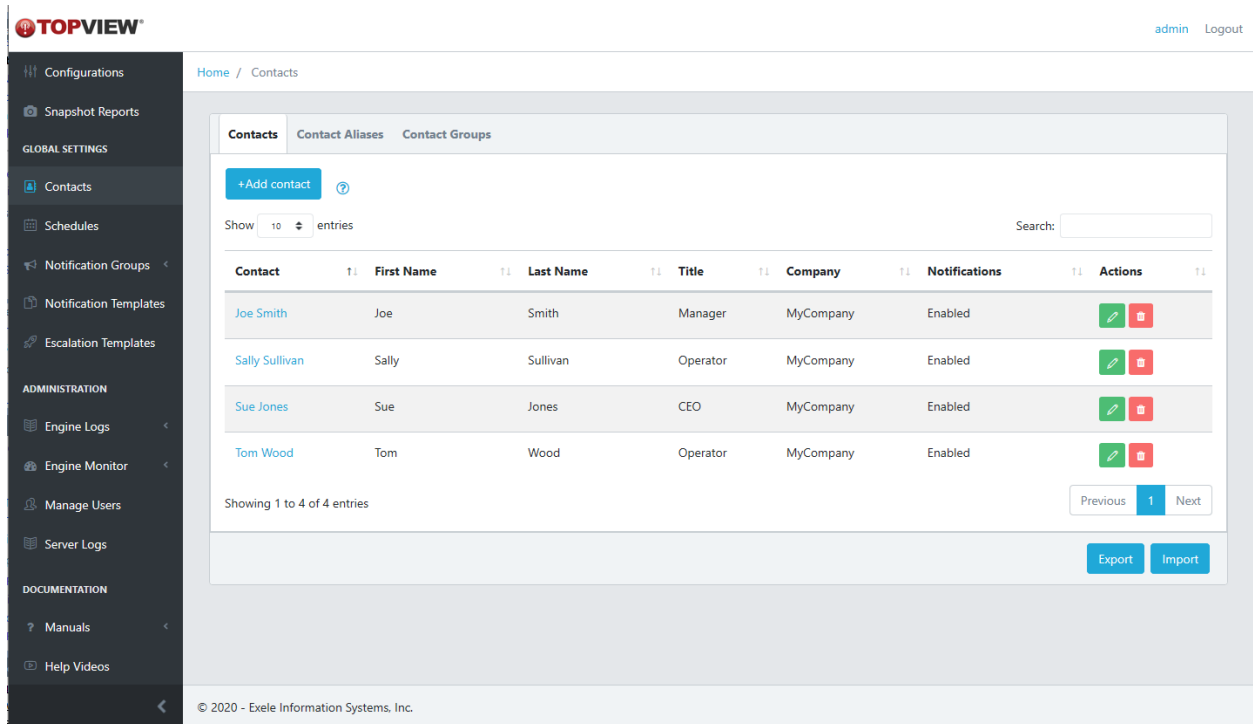
To change a user's password:

- **Admin:** the admin users and users with “Can manage user accounts and web application” can manage the passwords for any user
  - Log into the Web Configurator as the admin user
  - Choose “Manage Users” under Administration
  - Click the edit button (green pencil) to the right of a user
  - Click [Change Password]
- **All users:** users can change their password
  - Log into the Web Configurator as the user whose password you would like to change
  - In the upper right corner, click the user's name to the left of Logout  

  - Click [Change Password]

## Navigation

### Menu









If the browser is wide enough you will see a menu along the left side of the browser window.



The screenshot shows the TopView Web Configurator interface. The left sidebar contains a menu with the following items:

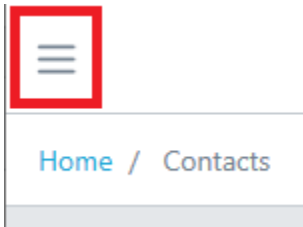
- Configurations
- Snapshot Reports
- GLOBAL SETTINGS
- Contacts
- Schedules
- Notification Groups
- Notification Templates
- Escalation Templates
- ADMINISTRATION
- Engine Logs
- Engine Monitor
- Manage Users
- Server Logs
- DOCUMENTATION
- Manuals
- Help Videos

The main content area displays the 'Contacts' page. It includes a '+Add contact' button, a search bar, and a table of contacts. The table has the following columns: Contact, First Name, Last Name, Title, Company, Notifications, and Actions. The table lists four contacts:

Contact	First Name	Last Name	Title	Company	Notifications	Actions
Joe Smith	Joe	Smith	Manager	MyCompany	Enabled	 
Sally Sullivan	Sally	Sullivan	Operator	MyCompany	Enabled	 
Sue Jones	Sue	Jones	CEO	MyCompany	Enabled	 
Tom Wood	Tom	Wood	Operator	MyCompany	Enabled	 

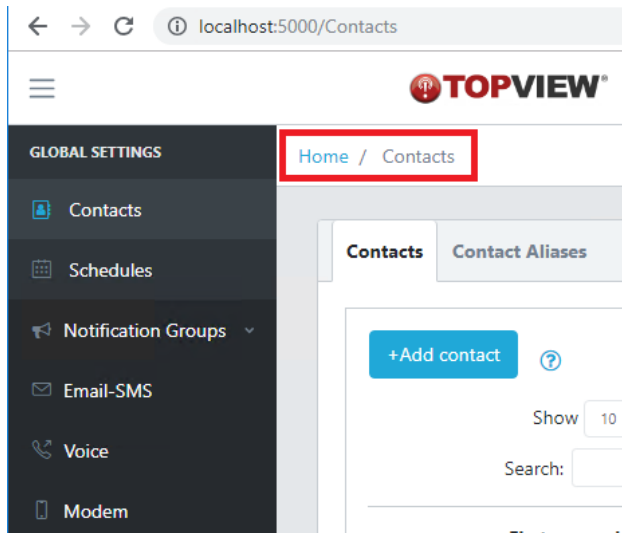
The interface also includes a pagination control showing 'Showing 1 to 4 of 4 entries' and buttons for 'Previous', '1', and 'Next'. At the bottom right, there are 'Export' and 'Import' buttons. The footer shows the copyright notice: '© 2020 - Exele Information Systems, Inc.'

If the menu is not visible, click the menu icon in the upper left corner to display the menu



### Breadcrumbs (Horizontal menu)

Users can also navigate using the horizontal menu at the top of the screen



## Administration

If logged in as admin or a user with permission “Can manage user accounts and web application” the user will see “Administration” in the menu.

### Manage Users

Create or edit users and user permissions for the Web Configurator.

[Home](#) / [Manage Users](#)

### Web Configurator user accounts

The following user accounts can be used to log in to this web application. These accounts are separate from the contacts used for notifications.

[+Add User](#) [Manage all users configuration permissions](#)

Username	First Name	Last Name	Email	Phone Number	Actions
admin	TopView	Administrator		555-1111	<a href="#">Edit profile/user roles</a> <a href="#">Config permissions</a>
manager	Mary	Jones		555-2222	<a href="#">Edit profile/user roles</a> <a href="#">View/edit manager's permissions</a> <a href="#">Remove user</a>
operator	Jeff	Jones		555-3333	<a href="#">Edit profile/user roles</a> <a href="#">View/edit operator's permissions</a> <a href="#">Remove user</a>

- Click [+Add User] to add a new user
- To edit a user and their global permissions click [Edit profile/user roles] for the user
- Configuration file permissions:
  - Click [Manage all users configuration permissions] to manage all users permissions to view or edit individual configurations permissions
  - To edit a user’s permissions to view or edit individual configurations click [View/edit *username* permissions] for the user

See “



- Configuration file permissions” for more information on user permissions to view/editTopView configuration files.

## Add/Edit User

**Edit User: operator**

Title

First Name

Last Name

Change Password

**Permissions**

☐ Administrator access: Full application access, including user account management and real-time engine monitoring

☐ Can edit all TopView configurations

☒ Can view all TopView configurations

☐ Can view logs

☐ Can edit contacts

☐ Can edit contact aliases

☐ Can edit schedules

☐ Can edit notification groups

**Contact Information**

Email

Phone Number

### User properties

- Username: the login name of the user
- Password: the login password of the user
- Title, First Name, Last Name: the person's position and name (information only)
- Email, Phone number: the email address and phone number (information only)

### User permissions

Warning: if you change user permissions of an active user you should instruct the user to log out and back in to ensure that the new permissions are active

- **Administrator access: Full application access, including user account management and real-time engine monitoring:** if selected, the user is an administrator who can manage users, the web application, all configuration data, and has access to Admin Tools functions for real-time engine monitoring and access to logs.
- **Can edit all TopView configurations:** global permission to view/edit all TopView configuration files.
- **Can view all TopView configurations:** global permission to view all TopView configuration files
- **Can view logs:** permission to view TopView Engine log files (application, alarm, notification, ...)
- **Can edit contacts/contact aliases:** user can view and edit Contacts and/or Contact Aliases
- **Can edit schedules:** user can view and edit Schedules
- **Can edit notification groups:** user can view and edit the global notification groups

Note: Users without edit permission are allowed to view information in the Web Configurator but are not allowed to make changes.

### *Configuration file permissions*

The tags, alarms, and notifications for each TopView Engine is controlled by a configuration file (.cfg). Web Configurator users can be given permission to view or edit all/specific configurations.

Global permissions: The user permissions “Can edit all TopView configurations” and “Can view all TopView configurations” give global permission to the user to edit or view all configuration files.

Specific view or edit permissions: The user’s global permissions control the initial permission to all configuration files. From the “Manage Users” screen, click the [Manage all users configuration permissions] to add additional permissions to the global permissions.

The screenshot shows the 'Web Configurator user accounts' page. At the top, there's a header with the title and a subtitle: 'The following user accounts can be used to log in to this web application. These accounts are separate from the contacts used for notifications'. Below the header, there are two buttons: '+Add User' and 'Manage all users configuration permissions' (the latter is highlighted with a red box). Below the buttons is a table with columns: Username, First Name, Last Name, Email, Phone Number, and Actions. The table contains two rows: 'admin' (TopView Administrator, 555-1111) and 'manager' (Mary Jones, 555-2222). Each row has two action buttons: 'Edit profile/user roles' and 'Config permissions' (for admin) or 'View/edit manager' (for manager).

Username	First Name	Last Name	Email	Phone Number	Actions
admin	TopView	Administrator		555-1111	<a href="#">Edit profile/user roles</a> <a href="#">Config permissions</a>
manager	Mary	Jones		555-2222	<a href="#">Edit profile/user roles</a> <a href="#">View/edit manager</a>

Example #1: User should have view permission to one configuration

- Global permissions: none
- [Manage all users configuration permissions]: add user view permission to the configuration

Example #2: User should have view/edit permission to one configuration

- Global permissions: none
- [Manage all users configuration permissions]: add user edit permission to the configuration

Example #3: User should have view permission to all configurations, edit permission to one configuration




- Global permissions: Can view all TopView configurations
- [Manage all users configuration permissions]: add user edit permission to the configuration


## Server Logs

The Web Configurator writes log information to daily log files located in the TopView DataPath\Log\Web folder. The level of logging is controlled by the logging level configured in the “Web Server Settings”

Note: These logs can also be viewed in the TopView Admin Tools desktop application.

Log Files

Filename	File Modified	Size (KB)	Download
<a href="#">WebConfig.2019-10-24.log</a>	10/24/2019 8:23:52 AM	1	
<a href="#">WebConfig.2019-10-23.0.log</a>	10/23/2019 5:54:29 PM	1	
<a href="#">WebConfig.2019-10-22.log</a>	10/22/2019 4:07:03 PM	1	

WebConfig.2019-10-23.0.log 

```

10/23/2019 3:56:18 PM : INFO - Loading settings from C:\ProgramData\Exele\TopView\config\
10/23/2019 3:56:18 PM : INFO - Setting log file minimum level to Info
10/23/2019 3:56:20 PM : INFO - Starting web server...
10/23/2019 4:05:03 PM : INFO - Shutting down...
10/23/2019 4:06:41 PM : INFO - Loading settings from C:\ProgramData\Exele\TopView\config\web\webapp.confi
10/23/2019 4:06:41 PM : INFO - Setting log file minimum level to Info
10/23/2019 4:06:42 PM : INFO - Starting web server...
10/23/2019 4:13:00 PM : INFO - Shutting down...
10/23/2019 4:13:11 PM : INFO - Loading settings from C:\ProgramData\Exele\TopView\config\web\webapp.confi
10/23/2019 4:13:11 PM : INFO - Setting log file minimum level to Info
10/23/2019 4:13:11 PM : INFO - Starting web server

```

## Configurations

Allows user to view and edit TopView configuration files for each TopView Engine. Configuration files contain the monitored alarm tags, alarm conditions, configured notifications, and related settings.

The configuration settings that can be viewed/edited in the Web Configurator mirror the same settings available in the TopView Configurator. See the TopView help/documentation for details on these settings.

### When are changes applied?

TopView Engines can be configured to automatically apply configuration changes. If this setting is enabled, changes made through the Web Configurator will be applied when they are saved.

## Configurations

Existing configurations are listed as well as any running Engines. To edit a configuration, click the configuration name in the “Running TopView Engines” list or the “Configuration Files” list.

**Running TopView Engines**

unit1

+ New Configuration

**Configuration Files**

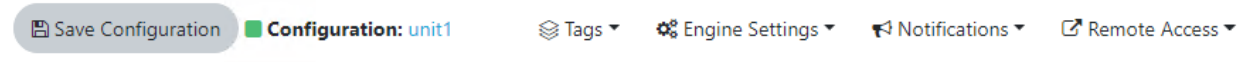
Search Configurations...

Configuration file	File date/time	Version	Source	Size (KB)	Description	Delete
unit1	10/24/2019 8:38:52 AM	6.33.0	OPC	85.6		
ProcessAlarms	10/24/2019 8:43:21 AM	6.33.0	OPC	85.6		

## View/Edit Configuration

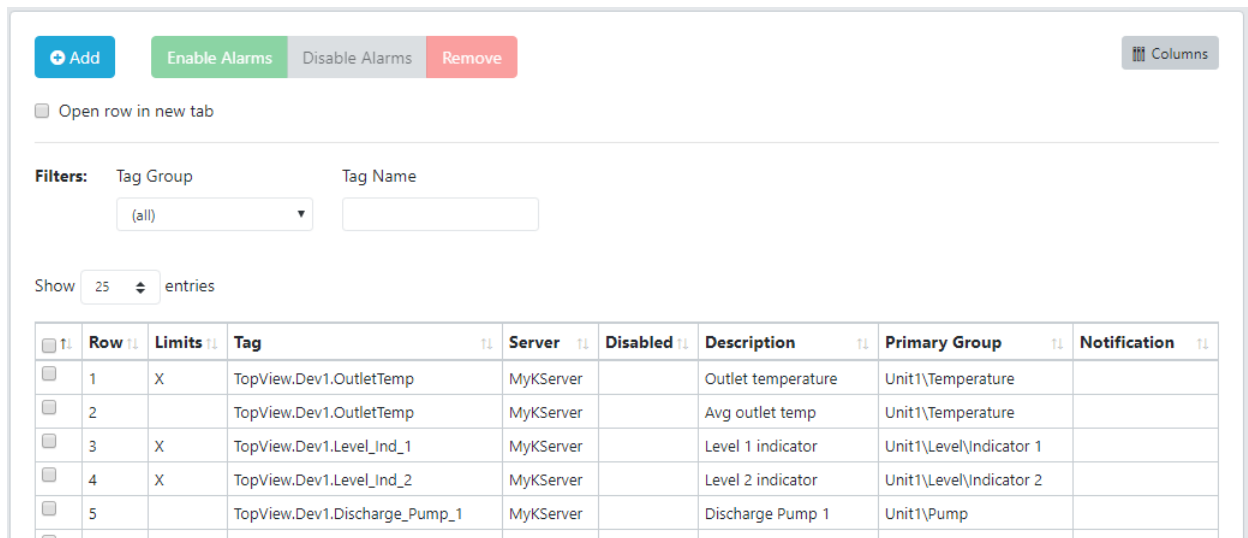
Once a configuration has been opened the user can view/edit the configuration details.

Changes are not saved until the user clicks the [Save Configuration] button.



## Tags: Tags and Limits

Allows the user to view/edit the monitored tags and alarm limits

The image shows the 'Tags and Limits' configuration interface. At the top, there are buttons for 'Add' (blue), 'Enable Alarms' (green), 'Disable Alarms' (grey), and 'Remove' (red). A 'Columns' button is on the right. Below these is a checkbox for 'Open row in new tab'. The 'Filters' section includes a 'Tag Group' dropdown menu (currently showing '(all)') and a 'Tag Name' text input field. A 'Show' section displays '25' in a dropdown and 'entries'. The main part of the interface is a table with the following columns: Row, Limits, Tag, Server, Disabled, Description, Primary Group, and Notification. The table contains five rows of data.

Row	Limits	Tag	Server	Disabled	Description	Primary Group	Notification
1	X	TopView.Dev1.OutletTemp	MyKServer		Outlet temperature	Unit1\Temperature	
2		TopView.Dev1.OutletTemp	MyKServer		Avg outlet temp	Unit1\Temperature	
3	X	TopView.Dev1.Level_Ind_1	MyKServer		Level 1 indicator	Unit1\Level\Indicator 1	
4	X	TopView.Dev1.Level_Ind_2	MyKServer		Level 2 indicator	Unit1\Level\Indicator 2	
5		TopView.Dev1.Discharge_Pump_1	MyKServer		Discharge Pump 1	Unit1\Pump	

To edit the details of a monitored tag, click the tag in the tag list. Select “Open row in new tab” to open the tag details in a separate tab.

### Tag Details

Allows the user to view/edit the tag and properties. Click [Configure alarm limits and notifications] to view/edit the configured alarm conditions.

[< Back to Tags List](#)

Configure alarm limits and notifications

Row 1

Tag Name	Server Name
TopView.Dev1.OutletTemp	MyKServer
Priority	RowUID ?
1	
	<input type="checkbox"/> Use tag name as RowUID
Description	Format ?
Outlet temperature	0.00 ▼
Units	Operation
Den F	



### Alarm limits

Allows the user to view/edit the configured alarm conditions for the tag.

**TopView.Dev1.OutletTemp** **Row 1**

**Alarm Limits**

☐ Check for good status

Comment

Entered limits should be: ☒ OR'd ☐ AND'd

<div><b>Limit #1</b></div> <div>Condition &gt;</div> <div>Value 150</div> <div>Deadband</div> <div>Delay IN (secs) - condition TRUE 0</div> <div>Delay OUT (secs) - condition FALSE 0</div>	<div><b>Limit #2</b></div> <div>Condition &lt;</div> <div>Value 130</div> <div>Deadband</div> <div>Delay IN (secs) - condition TRUE 0</div> <div>Delay OUT (secs) - condition FALSE 0</div>	<div><b>Limit #3</b></div> <div>Condition (none)</div>	<div><b>Limit #4</b></div> <div>Condition (none)</div>
---	---	--	--

[Tags: Tag Groups](#)

Allows users to view/edit the Tag Groups.

Voice Notification Tag Group

Tag Group

Notifications

Priority Filter Start

1

Priority Filter End

999

Notify

CalloutAlarms

(none)

(none)

☒ Into Alarm send message

(Use Alarm Message)

☐ Return to normal message

(Use RTN Message)

☐ Acknowledge message

(Use ACK Message)

Escalation Template

(none)

General

☒ Show

☐ Ack

Inhibit

☐ "I

☒ N

Inhibit I

## Engine Settings: General

Allows the user to view/edit some of the general Engine settings in the configuration

**Engine Settings**

Refresh rate (sec)	<input checked="" type="checkbox"/> Suspend on bad Server Connection
<input type="text" value="5"/>	<input checked="" type="checkbox"/> Apply configuration changes while running
	<input type="checkbox"/> Write run-time alarm disable and snooze actions back to this configuration file
Startup delay (sec)	<input type="checkbox"/> Persist alarm, acknowledge, and disable state during internal restart (Engine remains running)
<input type="text" value="0"/>	
Suppress Alarms On Startup (sec)	
<input type="text" value="0"/>	

---

## Notifications: Audible Alarms

Allows the user to view/edit the Audible Alarm settings

### Audible Alarms

Played through the speakers on the TopView machine. System Beep and WAV sounds play contiously if there are any unacknowledged alarms. Text-to-Speech messages are played once when an alarm occurs.

Audible Alarms: ☒ ON

☒ Mute locally at startup  
If checked, Audible alarms are enabled but will not be heard until the user disables speaker mute from the top toolbar

☒ Play local Audible Alarms through TopView Information icon in the System Tray  
Check this box if running TopView as a Service. Otherwise, you will not be able to hear Audible Alarms

#### Select sound type

☐ System Beep ☐ WAV File ☒ Text-to-Speech of the alarm message

alarm ▾

Listen

Available Voices

Microsoft Zira Desktop - English (Unit ▾)

Audio Format

16000 hz,8bit, mono ▾

Rate (-10 to 10)

0

☐ Prefix each audible text-to-speech alarm message

## Notifications: Email-SMS Settings

Allows users to


- Enable/disable Email-SMS Notification
- Configure general settings for Email-SMS Notification
- Configure the Default Email-SMS Group recipients

### Email-SMS Settings



Email-SMS Notifications: ☒ ON

☒ Send errors to Default Email-SMS Group (lost connections,...)

Blackout Period (sec)

 Add

### Default Email-SMS Group

	Contact	Schedule	Comment	Remove
	<input type="text" value="\Joe Smith\SMS"/>	<input type="text" value="Always"/>	<input type="text"/>	

## Notifications: Voice Settings

Allows users to

- Enable/disable Voice Notification
- Configure the Default Voice Group recipients

### Voice Settings

Voice Notifications: ☒

Add

Default Voice Group

	Contact	Schedule	Comment	Remove
<div></div>	<div>117</div>	<div>Always</div>	<div>dane</div>	<div></div>

## Remote Access: Mobile Web App

Allows users to view/edit the Mobile Web App settings

### Mobile Web App

The TopView Engine contains an embedded web server that allows local and remote web browser users to view TopView tag values and alarms. Optionally, alarms can also be acknowledged

☒ Enable Mobile Web App for this TopView configuration

#### Embedded Web Server Settings

HTTP Listen Port

7178

This port must not be in use by any other applications on the TopView machine

Display web server URL: <http://localhost:7178>

Display Using:

☒ localhost

☐ Computer Name

☐ IP Address

[fe80::f4a4:80ef:7c3b:5462%5] ▼

HTTPS is optional and in addition to HTTP. If enabled, both the HTTP and HTTPS listeners must start successfully.

☐ Enable HTTPS Requires port/certificate binding and URL reservation. See the documentation for more info.

HTTPS Listen Port:

443

This port must not be in use by any other applications on the TopView machine

#### Mobile Web App Settings

Custom Title

Unit Alarms 2

☐ Show hidden rows

☐ Allow real-time updates Will result in higher data usage on mobile networks

Tag Update Interval (seconds)

☒ Allow alarm acknowledge (if Web Security is not enabled)

☐ Enable Security (user logon)

The placeholder %ackurl% can be used to embed an alarm's acknowledge page within a notification message. If you plan to use this placeholder, enter the desired format for the URL domain. If you need to override the port, enter domain:port


Domain for %ackurl%

Remote Access: Remote Viewer Settings

Allows users to view/edit the Remote Viewer settings

### Remote Viewer Settings

TopView alarms can be monitored over your network using the Remote Viewer client application

 Download the Remote Viewer

#### Connection Settings


☒ Enable remote access from the TopView Remote Viewer



Listen Port    \*This port must not be used by any other TopView configurations or other applications

6150

☒ Require Remote Viewer Security

Security Entries

 Add

Name	Security Type	Can Connect	Can Acknowledge alarms	Can enable/disable alarms	Disabled	Actions
ByUser	password	Yes	Yes	Yes	No	<div></div>



## Global Settings

The Global Settings allow users to view and edit the following Global TopView Settings

- Contacts and Contact Aliases
- Schedules and Schedule Groups
- Notification Groups (Email-SMS, Voice, Modem/pager, and Event Hook)

The Global Settings in the Web Configurator are the same settings available in the TopView Configurator desktop application and the “Contacts, Schedules, and Global Recipients” desktop application. For details on the purpose and use of these settings please see the TopView help/documentation.

### When are changes applied?

Any changes made to TopView Global Settings are applied immediately and will be used by TopView when the setting is needed next. For example, if a contact’s email address is changed the new email address will be used the next time TopView attempts to email the contact.

## Contacts









Allows the user to view/edit TopView Contacts and Contact Aliases.

### [List of Contacts](#)

Select the Contacts tab

- Click [+Add contact] to add a new contact (requires edit contact permission)
- Click the edit button (green pencil) to edit a Contact (requires edit contact permission)
- The Export/Import buttons can be used for bulk configuration of Contacts (requires edit contact permission).

The screenshot shows the 'Contacts' tab in the TopView Web Configurator. At the top, there are two tabs: 'Contacts' (selected) and 'Contact Aliases'. Below the tabs, there is a '+Add contact' button with a help icon. A 'Show 10 entries' dropdown and a 'Search:' input field are also present. The main area contains a table with the following columns: Contact, First name, Last name, Title, Company, Notifications, and Actions. The table lists four contacts: Joe Smith, Sally Sullivan, Sue Jones, and Tom Wood. Each contact row has an edit button (green pencil) and a delete button (red trash can). At the bottom of the table, it says 'Showing 1 to 4 of 4 entries' and 'Previous 1 Next'. Below the table, there are 'Export' and 'Import' buttons.

Contact	First name	Last name	Title	Company	Notifications	Actions
Joe Smith	Joe	Smith	Manager	MyCompany	Enabled	 
Sally Sullivan	Sally	Sullivan	Operator	MyCompany	Enabled	 
Sue Jones	Sue	Jones	CEO	MyCompany	Enabled	 
Tom Wood	Tom	Wood	Operator	MyCompany	Enabled	 

Showing 1 to 4 of 4 entries

Previous 1 Next

Export Import


### [Contact](#)


The Contact properties in the Web Configurator are the same settings available in the TopView Configurator desktop application and the “Contacts, Schedules, and Global Recipients” desktop application. For details on the purpose and use of these properties please see the TopView help/documentation.

[Home](#) / [Contacts](#) / Joe Smith

Joe Smith

Contact

 Edit

 Delete

Notifications to this contact: **Enabled**

General Information

First name

Joe

Last name

Smith

Title

Manager

Company

MyCompany

Email Addresses

Work

joe.smith@mycompany.com

☐ Schedule Delay

Mobil e

☐ Schedule Delay

Home

☐ Schedule Delay

Other

☐ Schedule Delay

Phone numbers

Work

555-444-1616

Mobile

Home

Other

Other

SMS #

555-333-1378

Pager ID

Custom Field

## List of Contact Aliases

Select the Contact Aliases tab

- Click [+Add alias] to add a new contact (requires edit contact permission)
- Click the edit button (green pencil) to edit a Contact Alias (requires edit contact permission)
- The Export/Import buttons can be used for bulk configuration of Contact Aliases (requires edit contact permission).

[Home](#) / [Contacts](#)

The screenshot displays the 'Contact Aliases' tab in the TopView Web Configurator. At the top, there are tabs for 'Contacts' and 'Contact Aliases'. Below the tabs, there is a '+Add alias' button and a search bar. A dropdown menu shows 'Show 10 entries'. The main area contains a table with the following data:

ID	Assigned to Contact	Actions
OnCall-1	Tom Wood	
OnCall-2	Sally Sullivan	

Below the table, it says 'Showing 1 to 2 of 2 entries'. At the bottom right, there are 'Previous', '1', and 'Next' pagination buttons. At the bottom of the page, there are 'Export' and 'Import' buttons.

## Contact Alias

The Contact Alias properties in the Web Configurator are the same settings available in the TopView Configurator desktop application and the “Contacts, Schedules, and Global Recipients” desktop application. For details on the purpose and use of these properties please see the TopView help/documentation.

[Home](#) / [Contacts](#) / [Edit Alias](#)

The screenshot shows the 'Edit Alias' page. At the top, the alias name 'OnCall-1' is displayed. Below it, there is a section titled 'Assigned to Contact:' with a dropdown menu showing 'Tom Wood'. A green 'Save' button is located at the bottom of the form.

## Schedules

Allows the user to view/edit TopView Schedules and Schedule Groups.

The Schedules and Schedule Groups in the Web Configurator are the same settings available in the TopView Configurator desktop application and the “Contacts, Schedules, and Global Recipients” desktop application. For details on the purpose and use of these properties please see the TopView help/documentation.

### [List of Schedules and Schedule Groups](#)

Along the left side of the screen is a list of Schedules and Schedule Groups.

- Click [+Add schedule] to add a new Schedule (requires edit schedule permission)
- Click [+Add group] to add a new Schedule Group (requires edit schedule permission)

Schedules

+Add

Always

Shift 1

Shift 2

Shift 3

Weekends

Export

Import

Schedule Groups

+Add

Shift1-3

Export

Import

October

month

week

day

today

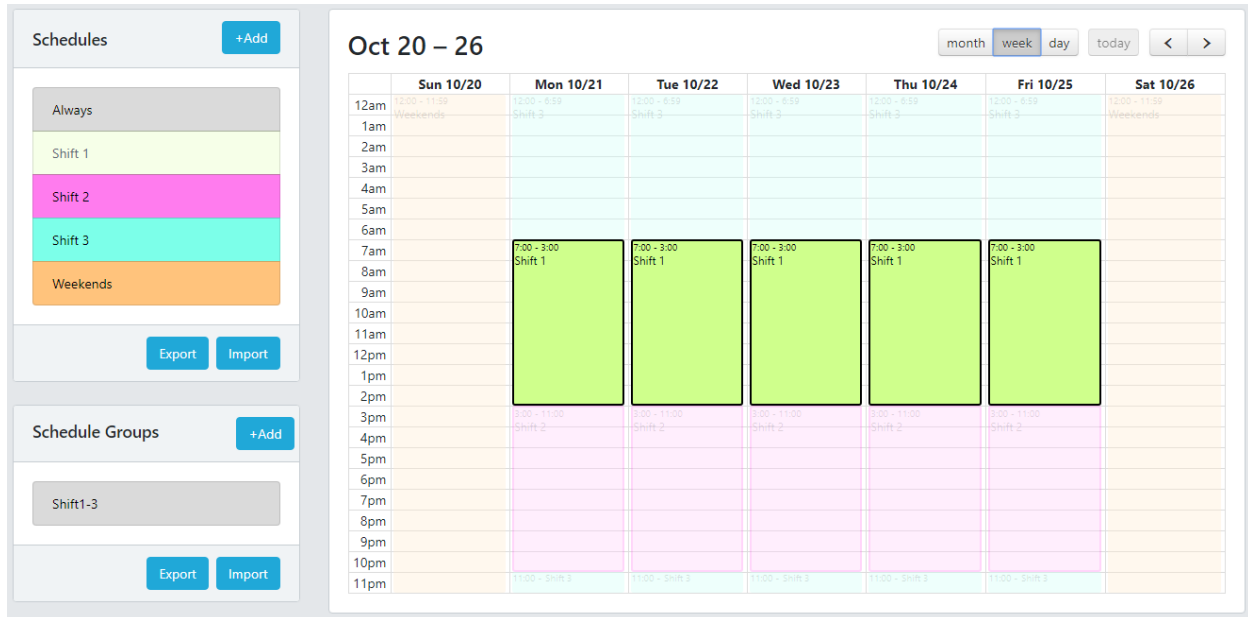
<

>

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	1	2	3	4	5
12a Weekends	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Weekends
6	7	8	9	10	11	12
12a Weekends	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Weekends
13	14	15	16	17	18	19
12a Weekends	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Weekends
20	21	22	23	24	25	26
12a Weekends	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Weekends
27	28	29	30	31	1	2
12a Weekends	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Weekends
3	4	5	6	7	8	9
12a Weekends	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Shift 3 7a Shift 1 3p Shift 2 11p Shift 3	12a Weekends

## Interactive calendar

When the user hovers the mouse over a Schedule or Schedule Group, the valid time periods are displayed on the calendar. To change the calendar view, use the navigation and time period controls above the calendar.



## [View Schedule](#)

Clicking on an existing Schedule allows the user to view the Schedule details.

- Click the [Edit] button to edit the schedule details (requires edit schedule permission)

## *Interactive calendar*

When the user hovers the mouse over a day of the week, the valid time periods are displayed on the calendar. To change the calendar view, use the navigation and time period controls above the calendar

Shift 1 **Schedule**

Daily Schedules

Monday

07:00:00 AM 03:00:00 PM

Tuesday

07:00:00 AM 03:00:00 PM

Wednesday

07:00:00 AM 03:00:00 PM

Thursday

07:00:00 AM 03:00:00 PM

Friday

07:00:00 AM 03:00:00 PM

Oct 20 – 26

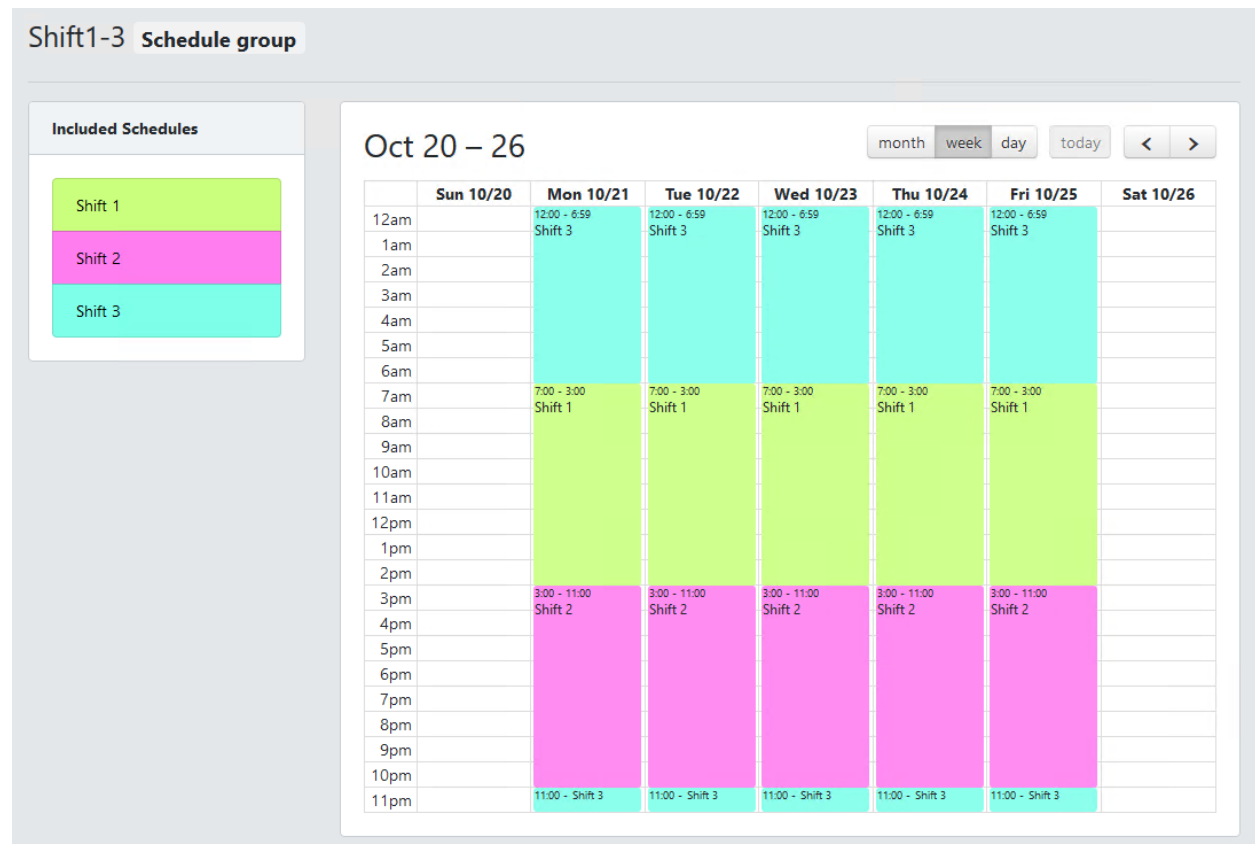
month week day today < >

	Sun 10/20	Mon 10/21	Tue 10/22	Wed 10/23	Thu 10/24	Fri 10/25	Sat 10/26
12am							
1am							
2am							
3am							
4am							
5am							
6am							
7am		7:00 - 3:00 Monday	7:00 - 3:00 Tuesday	7:00 - 3:00 Wednesday	7:00 - 3:00 Thursday	7:00 - 3:00 Friday	
8am							
9am							
10am							
11am							
12pm							
1pm							
2pm							
3pm							
4pm							
5pm							
6pm							
7pm							
8pm							
9pm							
10pm							
11pm							

## [View Schedule Group](#)

Clicking on an existing Schedule Group allows the user to view the Schedule Group details.

- Click the [Edit] button to edit the schedule group details (requires edit schedule permission)





### *Interactive calendar*

When the user hovers the mouse over a Schedule in the Schedule Group, the valid time periods for the Schedule are displayed on the calendar. To change the calendar view, use the navigation and time period controls above the calendar

### Notification Groups

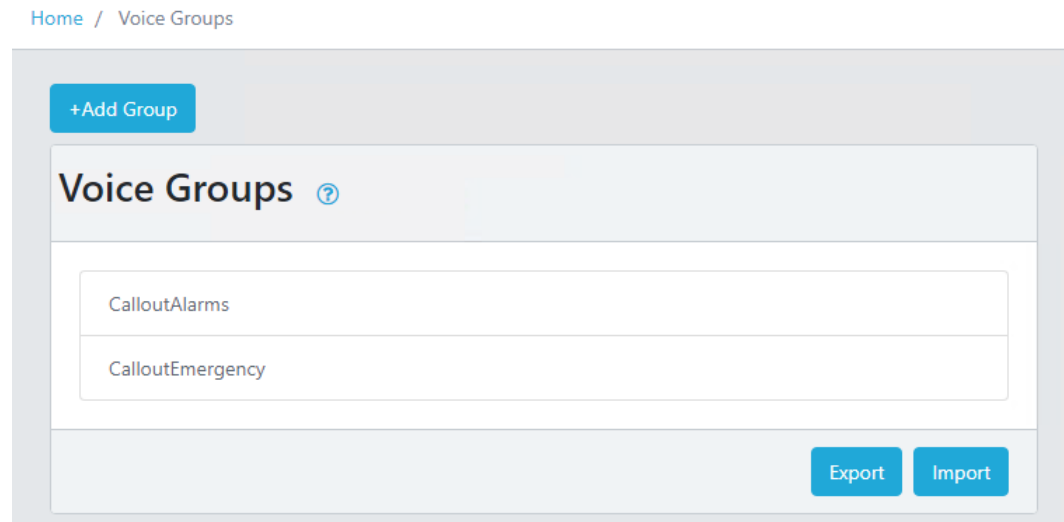
Allows the user to view/edit TopView Notification Groups: Email-SMS, Voice (callout), Modem (pagers), and Event Hooks

The Notification Group settings in the Web Configurator are the same settings available in the TopView Configurator desktop application and the “Contacts, Schedules, and Global Recipients” desktop application. For details on the purpose and use of these properties please see the TopView help/documentation.

#### [List of Notification Groups](#)

Select a notification group type (Email-SMS, Voice, ...) from the left menu to view the exiting notification groups of that type.

Example Voice Groups:




- Click a group name to view/edit the group
- The Export/Import buttons can be used for bulk configuration of Notification groups (requires edit notification groups permission).


### [Notification Group](#)

The Notification Group properties in the Web Configurator are the same settings available in the TopView Configurator desktop application and the “Contacts, Schedules, and Global Recipients” desktop application. For details on the purpose and use of these properties please see the TopView help/documentation.


## CalloutAlarms

### Voice group


 Edit

 Delete

Who to call when an alarm occurs

 **Recipients**

Contact	Schedule	Comment
<a href="#">\OnCall-1\phoneWork</a>	<a href="#">Shift 1</a>	
<a href="#">\Sally Sullivan\phoneWork</a>	<a href="#">Shift 1</a>	
<a href="#">\Tom Wood\phoneWork</a>	<a href="#">Shift 1</a>	

Alarm notification delays: **Enabled** 

Notification start delay

60

Delay between recipient notification

120

Reapeat entire list of recipients

0

Clear unsent messages upon:

☒ Acknowledgement

☒ Return-to-normal

[Creating/Editing a Notification Group](#)

Requires edit notification groups permission.

[Home](#) / [Voice Groups](#) / [CalloutAlarms](#) / Edit

## CalloutAlarms

### Voice group

Save Changes

Who to call when an alarm occurs

Recipients

Add

Click and drag a row to reorder recipients

TI	Contact	Schedule	Comment	Remove
o	\OnCall-1\phoneWork	Shift 1		
o	\Sally Sullivan\phoneWork	Shift 1		
o	\Tom Wood\phoneWork	Shift 1		

☒ Alarm notification delays enabled

Notification start delay (seconds)  
6

Delay between recipient notification (seconds)  
1

Repeat entire list of recipients  
0

Clear unsent messages upon:  
☒ Acknowledgement  
☒ Return-to-normal

### Adding and ordering recipients

Each recipient can be selected from the dropdown of existing Contacts or a recipient (email address, phone number, ...) can be manually added into the group.

Recipients

?

Add

Click and drag a row to reorder recipients

	Contact	Schedule	Comment	Remove
○	\OnCall-1\phoneWork	Shift 1		
○		Shift 1		
○	<div> <div>Tom Wood</div> <div> <div>\Tom Wood\phoneWork</div> <div>OnCall-1 (Alias for Tom Wood)</div> <div>\OnCall-1\phoneWork</div> <div>OnCall-2 (Alias for Sally Sullivan)</div> <div>\OnCall-2\phoneWork</div> </div> </div>	Shift 1		

To change the order of the recipients, click and drag a recipient by clicking in the first column before the contact name.

Recipients

?

Add

Click and drag a row to reorder recipients

	Contact	Schedule	Comment	Remove
○	\OnCall-1\phoneWork	Shift 1		
○	\Sally Sullivan\phoneWork	Shift 1		
○	\Tom Wood\phoneWork	Shift 1		