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TeleMate.Net Software Announces NetSpective 5.0 with Google Integration and New User Interface

TeleMate.Net Software released NetSpective version 5.0 today. Version 5.0 is available to customers upon request to TeleMate Technical Support, Registration Services, or your NetSpective Sales Representative. The primary reason for the change in process for deploying version 5.0 as compared to prior versions is due to a new user interface.

Before we begin, version 5.0 new interface and added features requires additional performance. Older appliances designated as Models 6D and 6Q that were purchased more than 6 years ago do not meet the performance requirements. If you have this model or are not sure please contact Technical Support or your Sales Representative for assistance.

Appliances designated as Model 12D, 12Q, and 12H are compatible with version 5.0 performance requirements, yet as stated in prior notifications are not capable of leveraging all of Version 5.0 Inline or Proxy SSL Inspection capabilities. Models 15R and 15HI support all Version 5.0 features, as well as planned road mapped features for the next three years. If clarification is needed please contact TeleMate's Technical Support or Sales Representative for assistance. We are here to help.

To address the transition TeleMate.Net Software is providing several vehicles for educating administrators and system managers of the new interface. First, easy to follow videos have been created and are available for viewing by navigating to [NetSpective Training Videos](#). Secondly, a private or group based WebEx session can be scheduled to walk through the new user interface and features. Select [Schedule a NetSpective Webinar](#) to choose a date and time that works best for your schedule. Finally, the detail discussed below combined with the comfort that all features and functions you are utilizing today are also in 5.0 but have been grouped in a more logical orientation.

New User Interface

NetSpective 5.0 user interface enhancements have been influenced by customer feedback. Below are several basic interface changes to assist you in becoming more familiar with the basic navigation.

The interface have a Navigation Bar to quickly select the functional areas of NetSpective. The far right section of the bar contains links to the Update page and a Category Lookup feature to quickly determine how a URL or Web Site is being categorized by group.



Image 1 - Navigation Bar

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Each functional area under the Navigation Bar utilizes tree-based navigation to eliminate hide options and features.

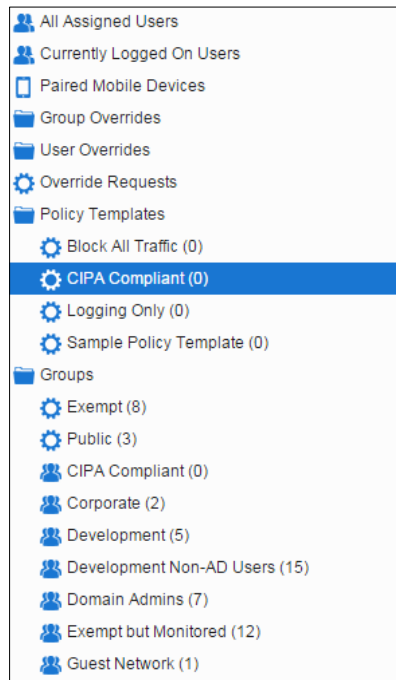


Image 2- Tree Navigation

To enhance the visibility while an administrator or manager is working in the system, dockable, real-time reports can be pinned to the bottom of the interface.

Override	Type	Referrer	Group	Start Date	End Date	Current Category	Override Category
accounts.google.com	Domain		Public	2015-07-22	Never	Certificate Authority	Certificate Authority
ajax.aspnetcdn.com	Domain		System	2015-05-29	Never	Technology	Technology
apps.facebook.com	Domain		Development Non-AD U...	2015-06-11	Never	Society	Admin Block
at01dc02	Domain		System	2015-05-15	Never	System	Admin Allow
carcomplaints.com	Domain	First	Sales	2015-07-22	Never	Automotive	Admin Allow
cde-ta-g7g.amazon.com	Domain		Development Non-AD U...	2015-05-26	Never	Shopping	Technology
clients1.google.com	Domain		System	2015-07-17	Never	Certificate Authority	Technology
disconnect.me	Domain		System	2015-06-23	Never	Anonymous Proxy & Ha...	Technology
dvhardware.net	Domain		System	2015-06-08	Never	Anonymous Proxy & Ha...	Technology
flickr.com	Domain		Development Non-AD U...	2015-11-05	Never	Art	Decrypt and Block
lombt.com	Domain		System	2015-07-17	Never	Web Search	Technology

Image 3- Dockable Reports

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Managing Group Policy has been simplified by providing Policy Templates to quickly change a policy that is associated by many groups or quick re-assign multiple groups to a new template. Second, internet content categories can be logically grouped and re-organized by dragging a content group into a preferred order.

Template Name: CIPA Compliant					Educational																							
Category	↑	🔒	🔄	⚙️	Morning			Noon			Evening																	
					12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11
Art				⚙️																								
Education				⚙️																								
Government				⚙️																								
Health				⚙️																								
News				⚙️																								
Reference				⚙️																								
Science				⚙️																								
Sex Education		🔒		⚙️																								
Technology				⚙️																								

HTTPS Direct Connections					Non-Objectionable																							
Category	↑	🔒	🔄	⚙️	Morning			Noon			Evening																	
					12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11
HTTPS / Direct Connections				⚙️																								
Proxy Direct Connection Protocols				⚙️																								

Non-Objectionable					Non-Objectionable																							
Category	↑	🔒	🔄	⚙️	Morning			Noon			Evening																	
					12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11
Advertising		🔒		⚙️																								
Automotive				⚙️																								

Image 4 - Grouped Content Categories

Throughout the interface the ability to add or edit properties is accessible by selecting the value itself as show below by clicking on 'accounts.google.com' or by selecting the Properties icon (⚙️)

Override	Type	Referrer	Group	Start Date	End Date	Current Category	Override Category
<input type="checkbox"/>	accounts.google.com	Domain	Public	2015-07-22	Never	Certificate Authority	Certificate Authority

Overrides may be created to allow, block, or re-categorize specific web sites, news groups, IP addresses, web search terms, or file types. Comments are optional and are there only for your own reference. If the override is marked as a referrer, then content that was referred from the page will also have the override category.

Domain:

Comment:

Category:

Start Date:

End Date:

Referrer Depth:

Assign Groups:

Last change by telemate@rene.campbell, 2015-07-22 05:41 PM

<input type="checkbox"/>	ajax.aspnetcdn.com	Domain	System	2015-05-29	Never	Technology	Technology
<input type="checkbox"/>	apps.facebook.com	Domain	Development Non-AD U...	2015-06-11	Never	Society	Admin Block

Image 5 - Expandable In-place Properties by clicking on the value

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The screenshot shows the configuration interface for TeleMate.Net. It includes several sections:

- Google Apps:** A checkbox to enable enforcement of Allowed Domains for encrypted traffic.
- Safe Search:** A checked option with a sub-section for redirecting users to approved search engines. The 'Enforce' section has checkboxes for Google, Bing, Yahoo, Ask, Dogpile, DuckDuckGo, and Lycos.
- Safety Mode:** A checked option to enforce safe search for YouTube.
- Policy Reminder:** A checkbox to display a reminder every X minutes.
- Abuse Settings:** A dropdown menu set to 'Level 1' with options for email notifications and abuse detection.
- Template Name:** A text field containing 'CIPA Compliant'.
- Educational Grid:** A table with columns for 'Morning', 'Noon', and 'Evening' (each with sub-columns 1-11) and rows for categories like Art, Education, Government, Health, News, Reference, Science, Sex Education, and Technology. The 'Sex Education' row is highlighted in red, indicating it is blocked.

Image 6 - Expandable In-place Properties by using the 'Properties' button

Providing administrators and managers greater visibility was key to the new interface. In addition to adding dockable, the Statistics are of the interface has changed to provide more information in the orientation that addresses your immediate need. Reports are moveable by dragging the title bar. The amount of detail is also controlled by selecting the 'Limited' buttons in the upper left corner.



Image 7 - Enhanced Statistical Reports

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Google Integration

As Google continues to be a strong provider of Educational Services, NetSpective version 5.0 provides tighter alignment of Google services to group based policy control.

To begin, NetSpective version 5.0 provides single sign-in with Google combined with the ability to restrict sign-in by approved domains. To better understand how to configure single sign-in with Google reference [NetSpective Google Authentication.pdf](#).

The screenshot shows two sections of a configuration interface. The top section, titled "Google Sign-In: Client Settings", includes a description: "Enables the authentication portal to leverage Google Sign-In. It will be necessary to create a web application client ID in the Google Developers Console. This client ID is used to request the user's identity from Google and then authenticate the user." Below this are fields for "Client ID:" (768620320199-8o86ptb0q7onu6svrjldo98ktd0ab3.apps.googleusercontent.com), "Redirect URIs:" (http://c.ampvm.telemate.net/access/oauth2/callback), and "Javascript Origins:" (http://c.ampvm.telemate.net). There is an "Upload File:" field with "Select file..." and "Upload" buttons. The bottom section, titled "Google Sign-In: Allowed Domains", has a description: "Specify which domains are accepted at the authentication portal for Google Sign-In authentication. All domains are accepted if none are specified." It features a table with a "Domain" header and four rows, each with a checkbox and a domain name: getnetspective.net, getnetspective.com, telemate.com, and telemate.net.

Image 8 - Google Sign-In

Version 5.0 provides group based control of Google Apps domains. By defining a list of 'Allow Domains' under Setting -> Google Apps NetSpective will prevent access to domains not listed such as personal Gmail accounts. If the list is empty all Google App domains are accessible including Gmail. To better understand what NetSpective is doing behind the scenes reference Google's Help on [Blocking Access to Consumer Account](#).

The screenshot shows the "Google Apps: Allowed Domains" configuration interface. It includes a description: "Only allow access to Google Apps services for these configured Google Apps domains. Only affects groups with the Google Apps allowed domains option enabled. The group option is located under the Management > Group > Policy Properties section." Below this is a table with a "Domain" header and four rows, each with a checkbox and a domain name: getnetspective.com, getnetspective.net, telemate.com, and telemate.net. There is also an "Allowed Domain:" input field with "getnetspective.com" entered and a clear button (X).

To enforce Google Apps control at a group or policy template level select 'Google Apps' for under Properties and enable TLS Decryption of the 'Web Search' Category.

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The screenshot shows a settings panel with a blue header bar containing icons for menu, settings, print, save, and delete. The settings are organized into several sections:

- Google Apps:** A checkbox is checked, with the text: "Enable enforcement of Allowed Domains for encrypted traffic, limiting access to consumer accounts. Must be configured in the Settings > Google Apps section."
- Safe Search:** A checkbox is checked. Below it is a description: "If a search engine is blocked, users can be redirected to an approved search engine. Also, specific search engines can be allowed that support safe search." There is a "Redirect To:" dropdown menu set to "None" and an "Enforce:" section with checkboxes for Google, Bing, Yahoo, Ask, Dogpile, DuckDuckGo, and Lycos, all of which are checked.
- Safety Mode:** A checkbox is checked with the text: "Enforce safe search for YouTube".
- Policy Reminder:** A checkbox is unchecked. The text reads: "Display every [input] minutes for all levels."
- Abuse Settings:** A dropdown menu is set to "Level 1". Below it are two options:
 - Email Notification:** Unchecked. Text: "[input] hits to 'Level 1' Categories in [input] minutes, resend every [input] minutes for repeated hits."
 - Abuse Detection:** Unchecked. Text: "[input] hits to 'Level 1' Categories in [input] minutes, lock down all [input] Level 1 Categories [input] for [input] minutes."

Image 9 - Group Specific Google Integration

Safe Search Redirection provides search terms to be redirected from a blocked search engine to an approved engine so that administrators can leverage the best safe search engine available. This option is also able to be configured at a group level as referenced in *Image 9 – Group Specific Google Integration*.

Finally, as many have experienced, Google has continued making change to YouTube control. Today, Google Restrictions leverages Google Safe Search and Google's Policy Center (<https://www.youtube.com/yt/policyandsafety/policy.html>) to provide age-restricted content. To enable group specific enforcement of YouTube Safe Search enable 'Safety Mode' under group properties as shown in *Image 9 – Group Specific Google Integration*.

If additional assistance is required, please contact TeleMate.Net Software Technical Support at +1(678) 589-7100 or NetSpectiveSupport@telemate.net, or visit our web site at <http://www.telemate.net/support>. Thank you for allowing us to serve your Internet content management needs.

John O'Reilly

COO/President, TeleMate.Net Software