



# SystemTools Software Inc.

## NTFS and Share Permissions Reporting

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SystemTools Software's Tech Support department receives numerous requests asking about permissions reporting, so we've decided to create this Guide with steps and screenshots on using Hyena and Exporter Pro to report on share permissions, NTFS file and folder permissions, and also on reporting permissions for specific user(s) or group(s).

Hyena's GUI works best when reporting on a single computer, and/or a specific user or group. When searching for multiple users and groups across multiple computers, Exporter Pro is best suited for the task.

These reports can take quite some time to run, depending on the number of computers and number of files/directories on those computers.

Additional information on Hyena and other SystemTools Software products can be found on our website:

<http://www.systemtools.com/>

Additional support information including FAQ and Knowledge Base can be found on our Support Options page:

<http://www.systemtools.com/support.htm>



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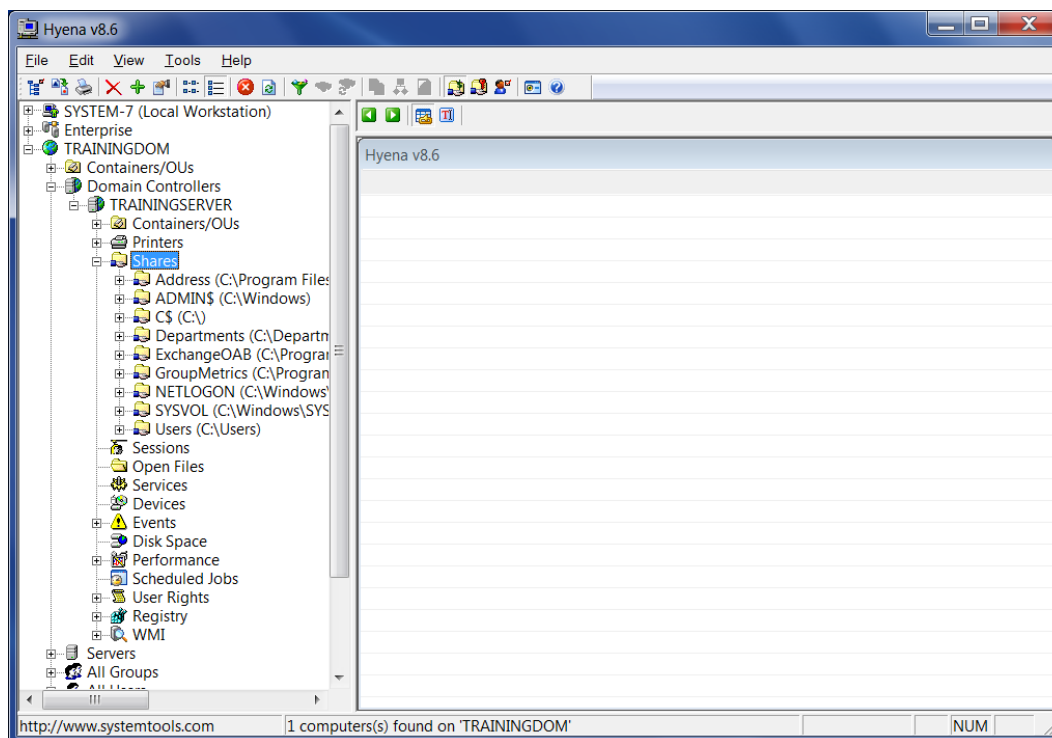
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## Share Permissions - Hyena

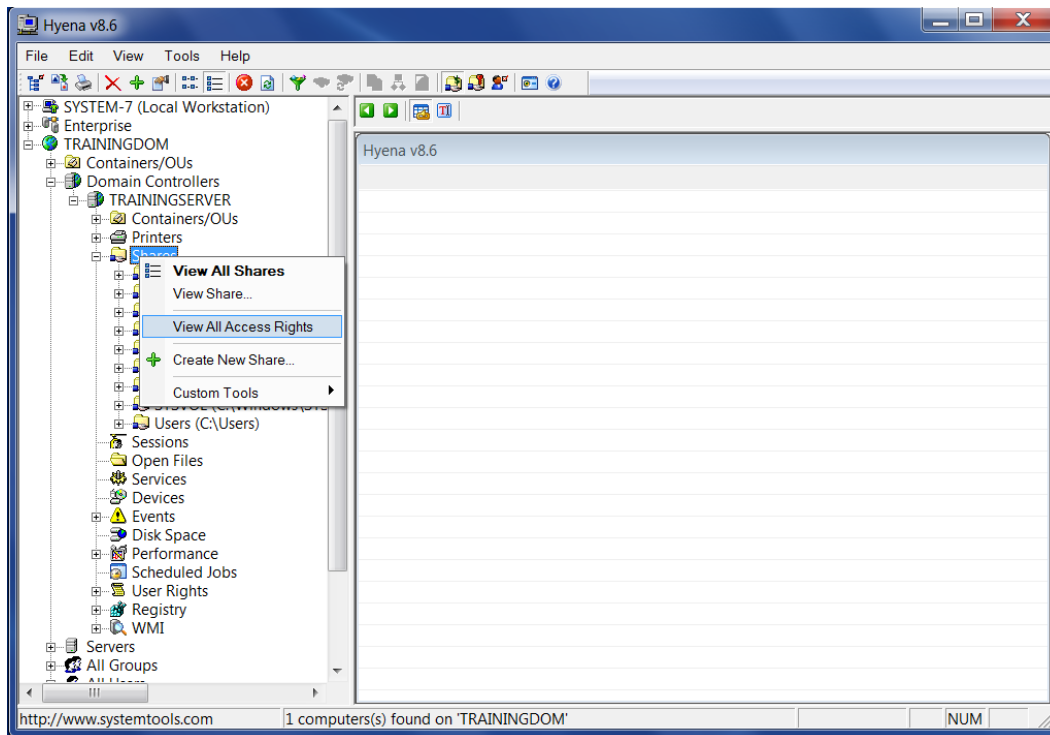
Hyena offers a fast and simple reporting solution to view share permissions on a single computer. For multiple computers, follow the Exporter Pro instructions in this document.

Find the computer to report on in Hyena's Tree Window, click the plus sign to expand it and view the Shares object:

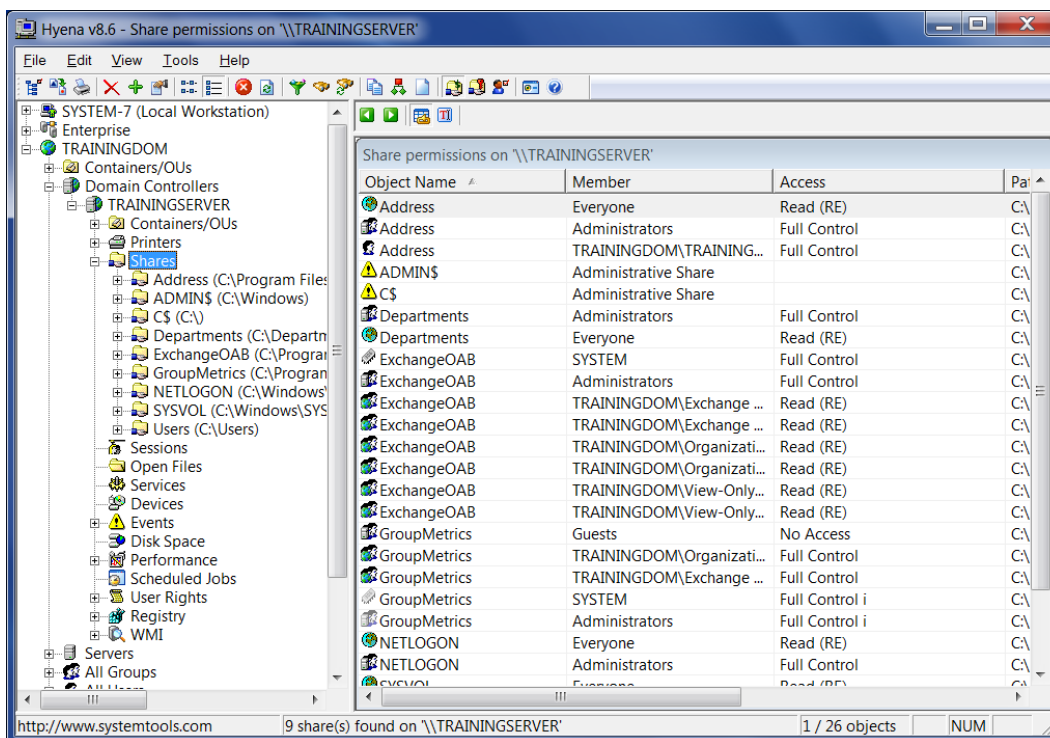




To view share permissions for all of the shares on this computer right-click on the Shares object and choose View All Access Rights:

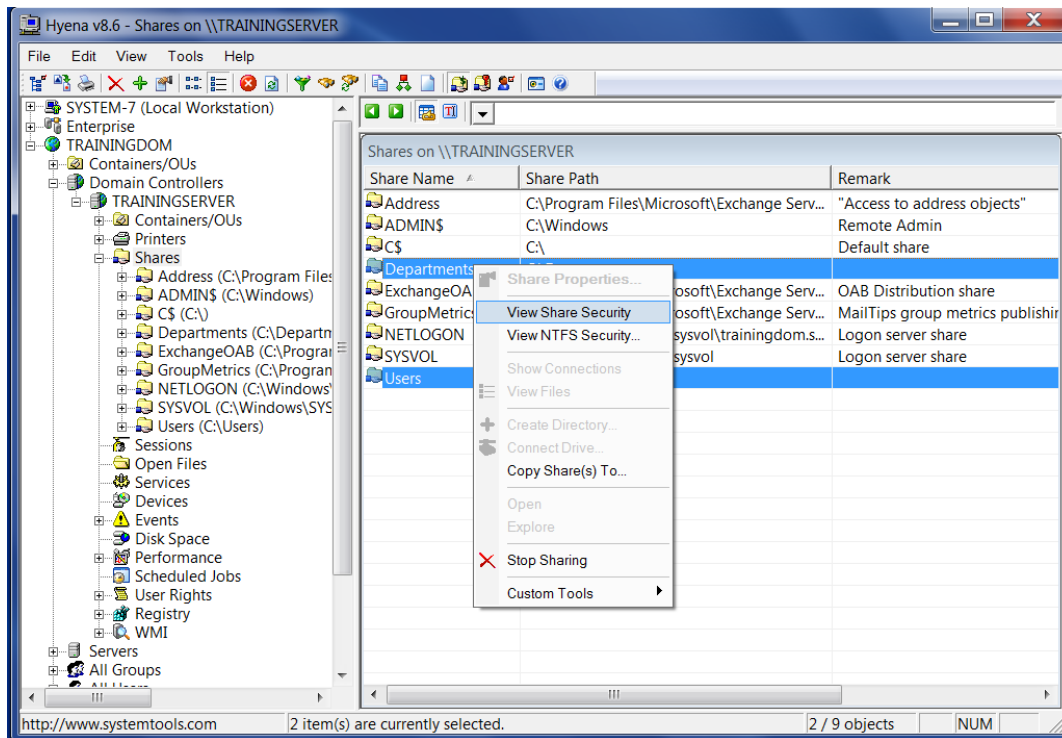


Results will be similar to the following graphic:

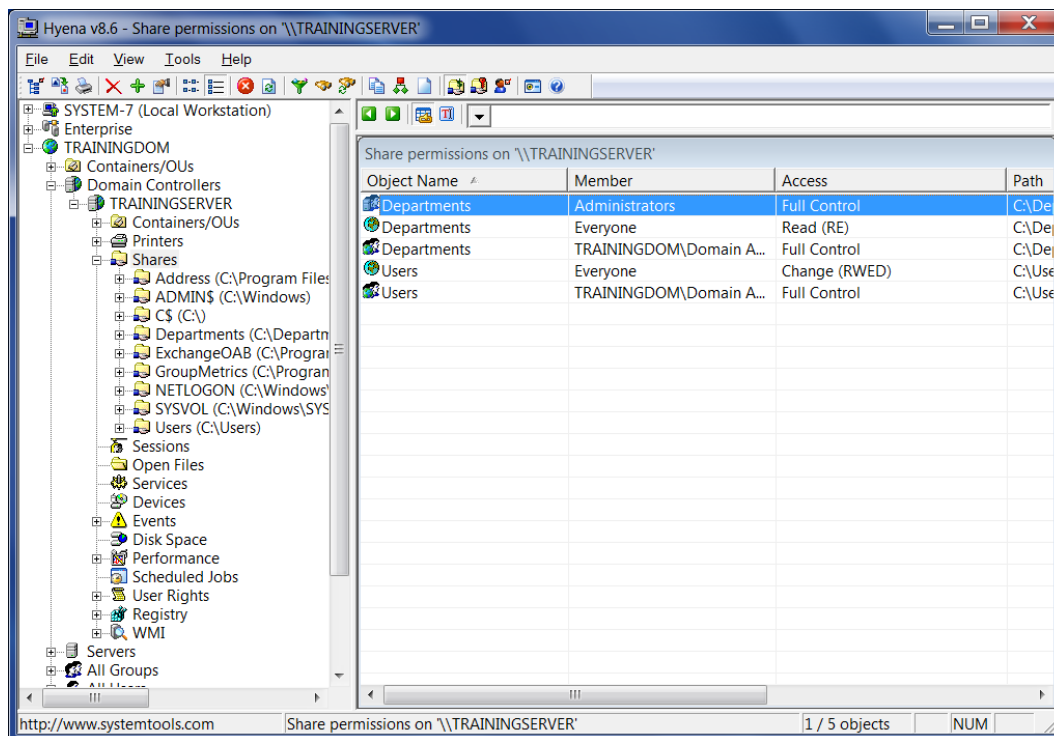




For a selection of shares double-click on the Shares object to display them in the List Window, multi-select the desired shares, right-click and choose View Share Security:



Results will be similar to the following graphic:

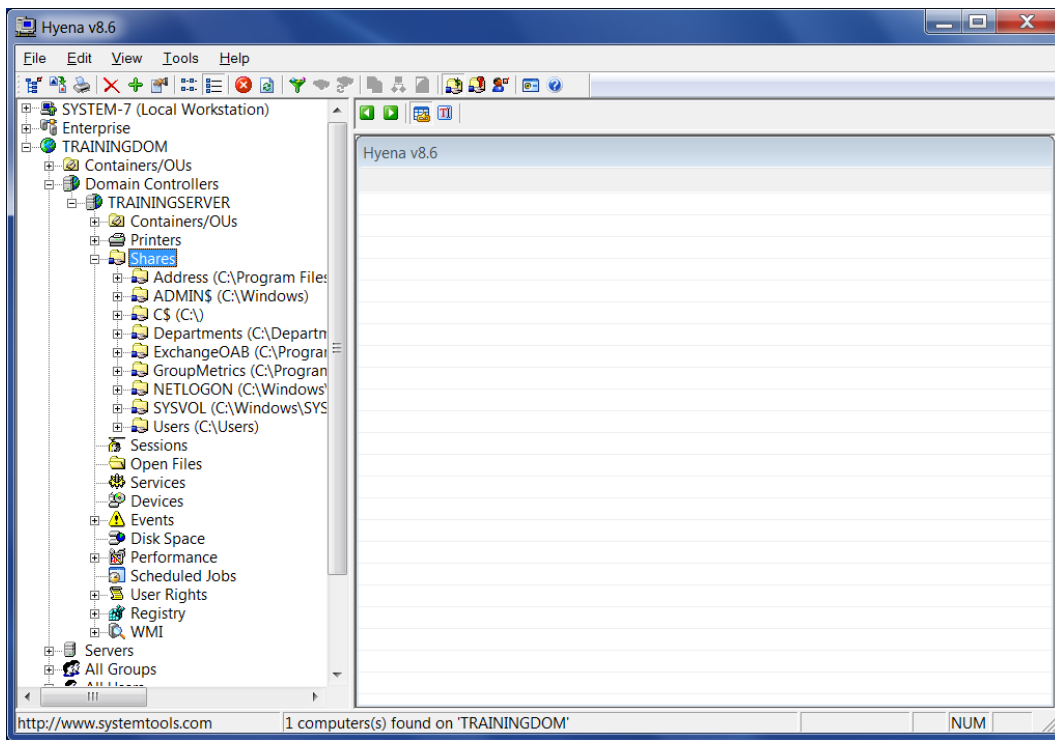




## NTFS Permissions – Hyena

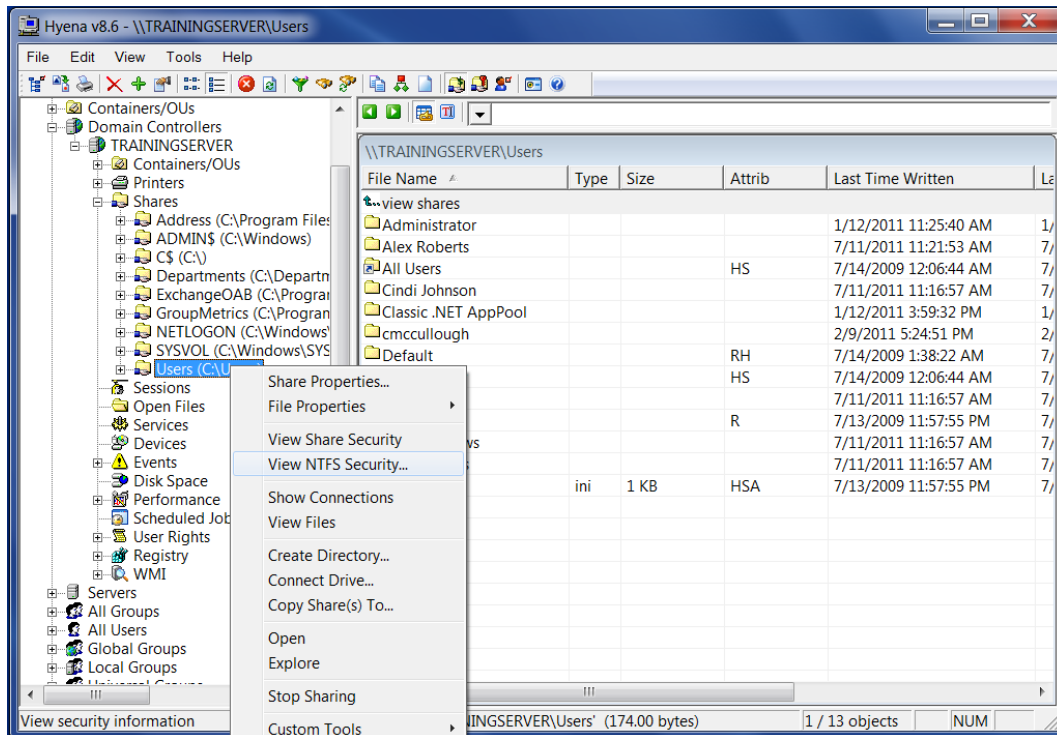
Hyena offers a fast and simple reporting solution for viewing File/Folder NTFS permissions on a single computer. For multiple computers, follow the Exporter Pro instructions in this document.

Find the computer to report on in Hyena's Tree Window, and click the plus sign to expand it to view the Shares object:

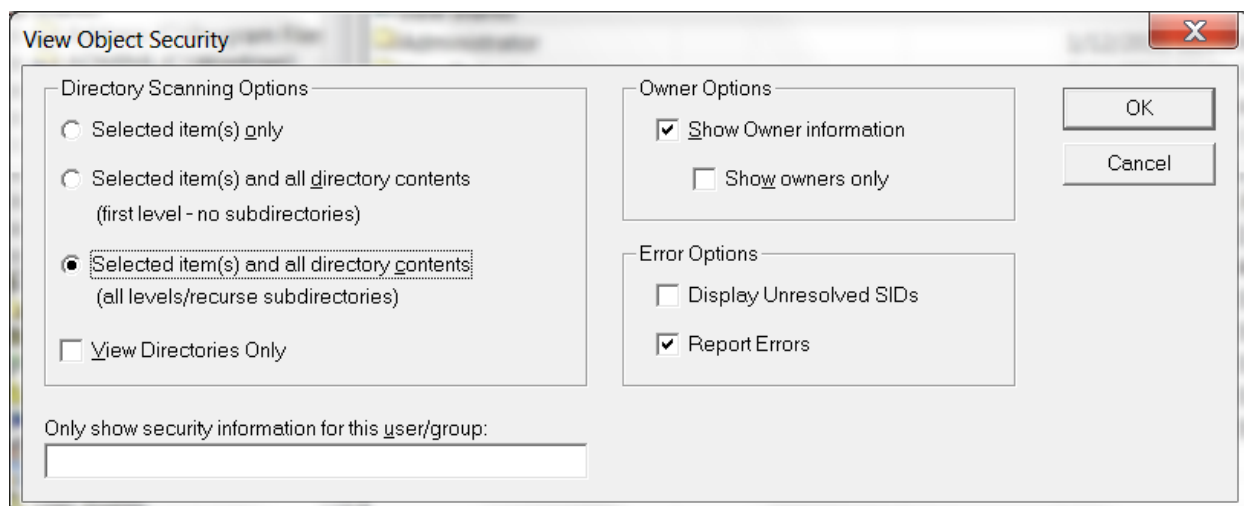




Right-click on a share and choose View NTFS Security:



The following dialog allows setting the options for viewing security for the file/folders on this share:



Directory Scanning Options allow for choosing how deep to scan, with either the Selected item(s) only, (first level – no subdirectories), or (all levels/recurse subdirectories). The third option will report security for all of the files/folders on the selected share, and can

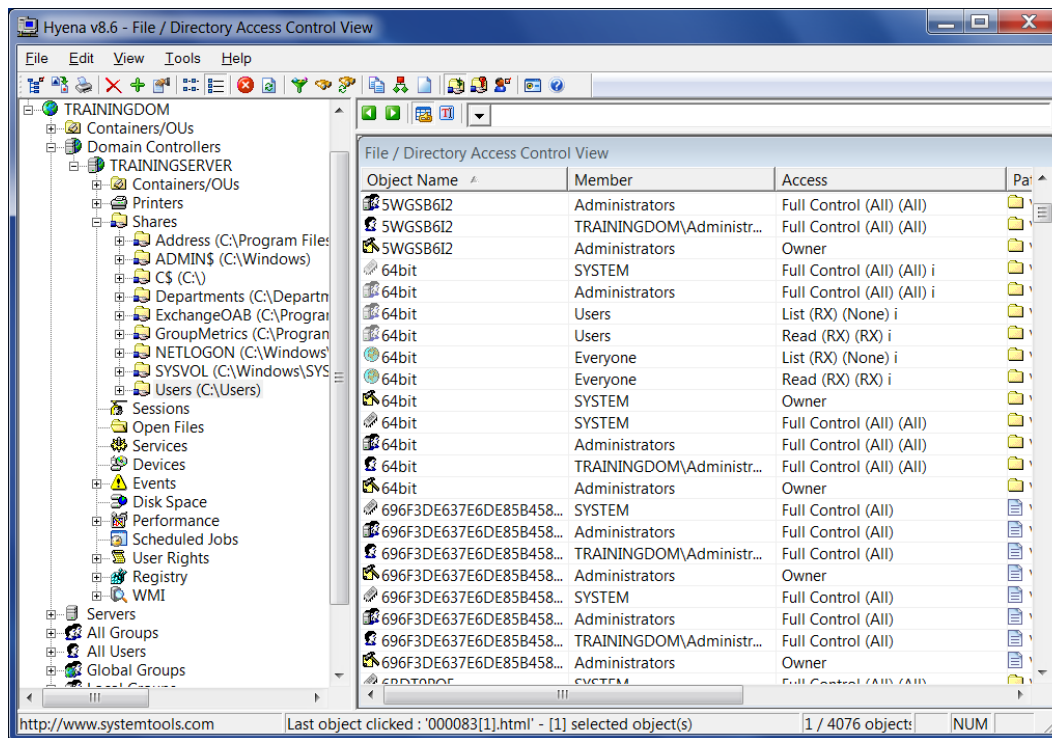


produce a large amount of data depending on the number of files and folders on that share. To view security for folders and NOT files, check the box to View Directories Only.

Owner Options is for choosing whether or not to show file/folder Owner, and/or Owner only.

Error Options is for choosing whether or not to report errors (popup window), or whether or not to display unresolved SIDs (typically caused by users or groups no longer existing on the domain).

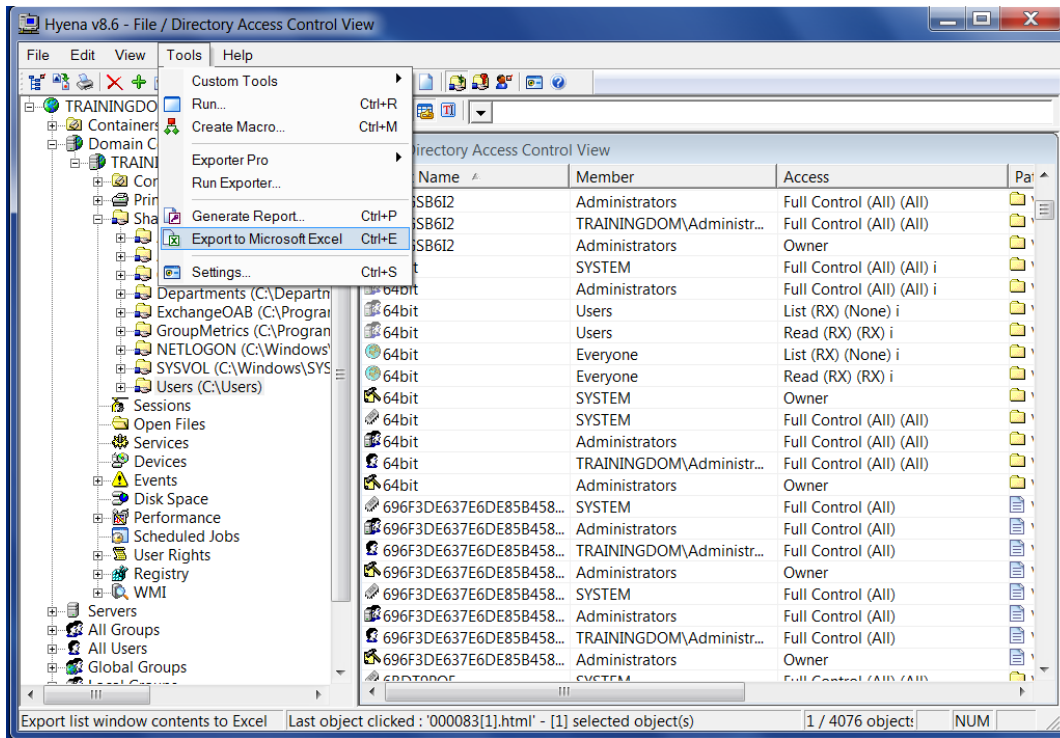
Once the appropriate options have been selected, click the OK button:







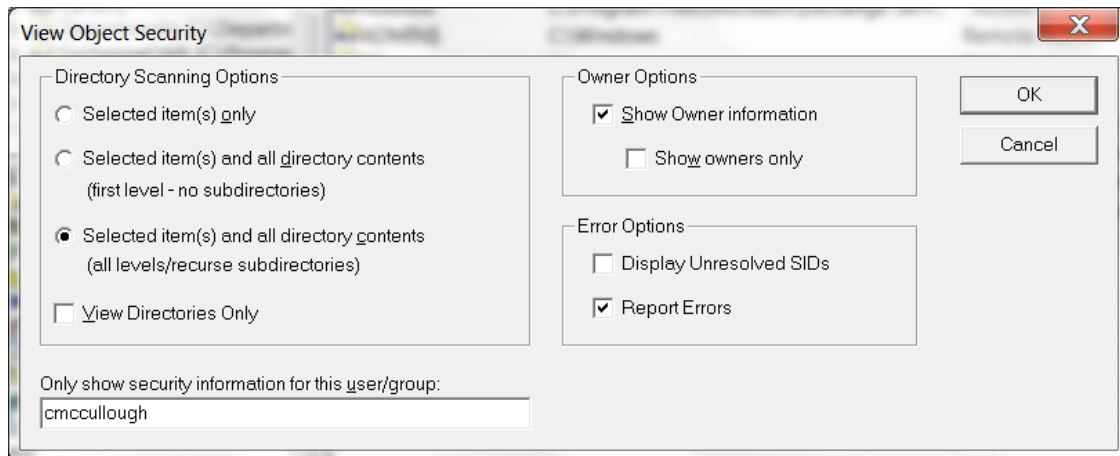
After Hyena finishes displaying the data, choose Tools > Export to Microsoft Excel:



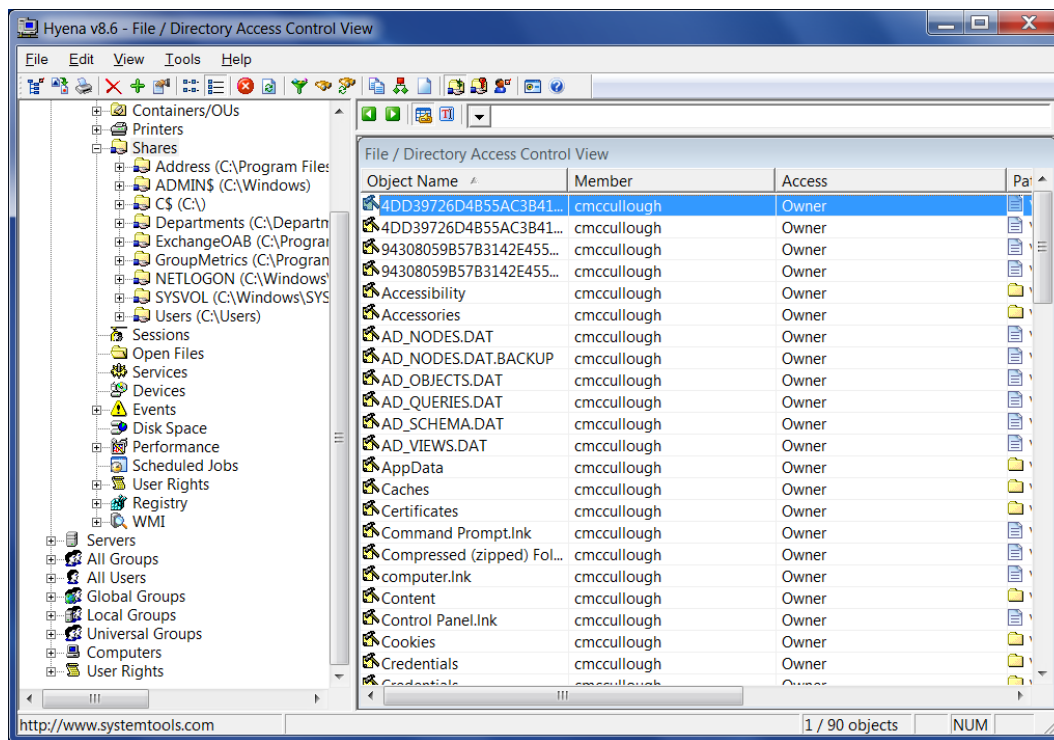


*Only show security information for this user/group:*

Hyena also offers a great report to determine what files/folders a particular user or group has access to by entering the username or group in the Only show security information for this user/group box:



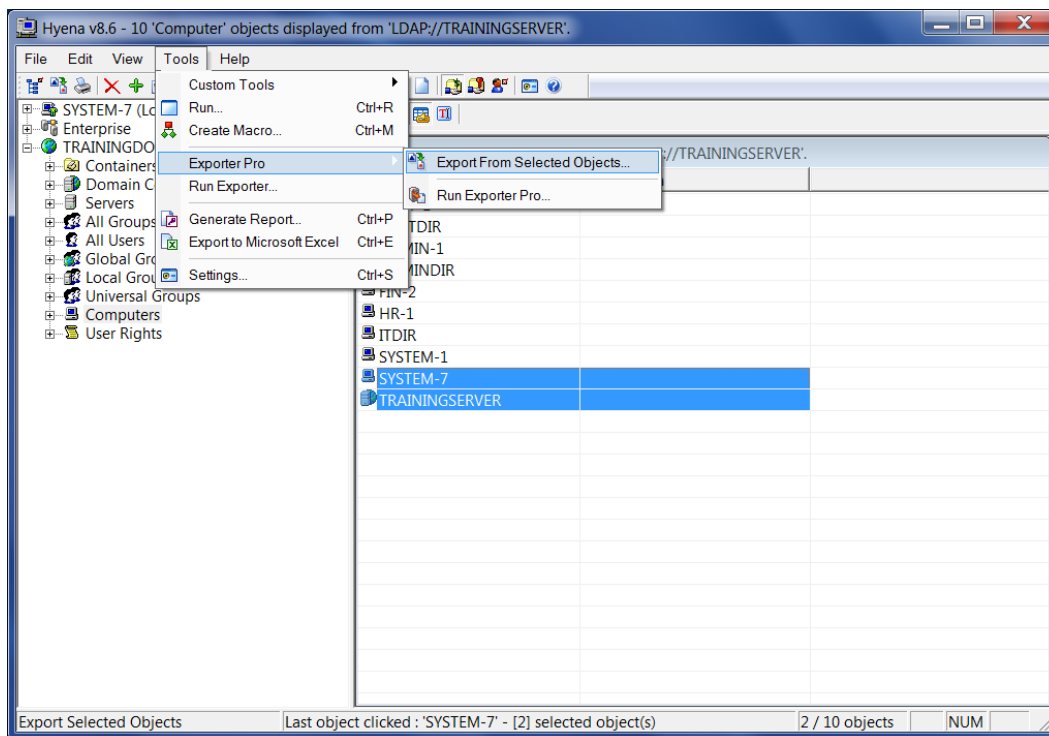
Click OK to see the results for only the specified user or group:





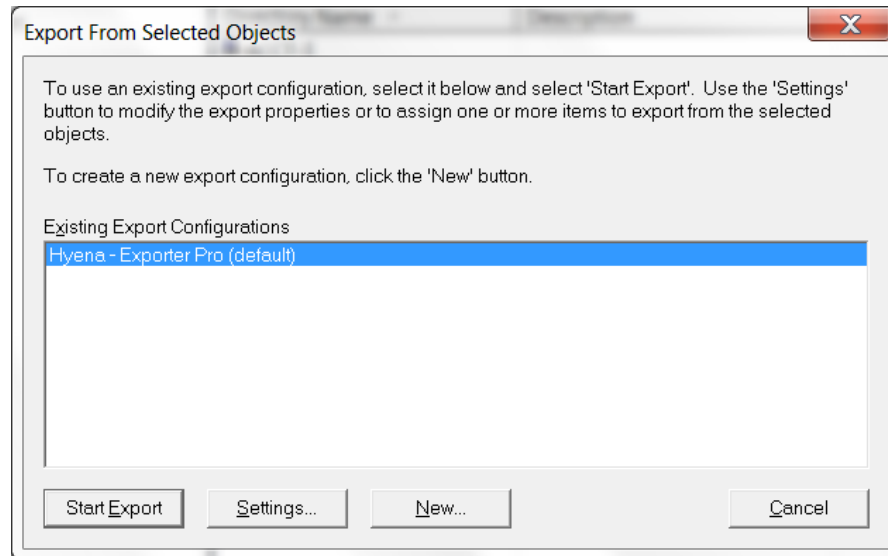
## Share Permissions – Exporter Pro

Exporter pro offers the best solution for reporting share permissions across multiple computers. Select the computers in Hyena's List Window, and then choose Tools->Exporter Pro->Export From Selected Objects:

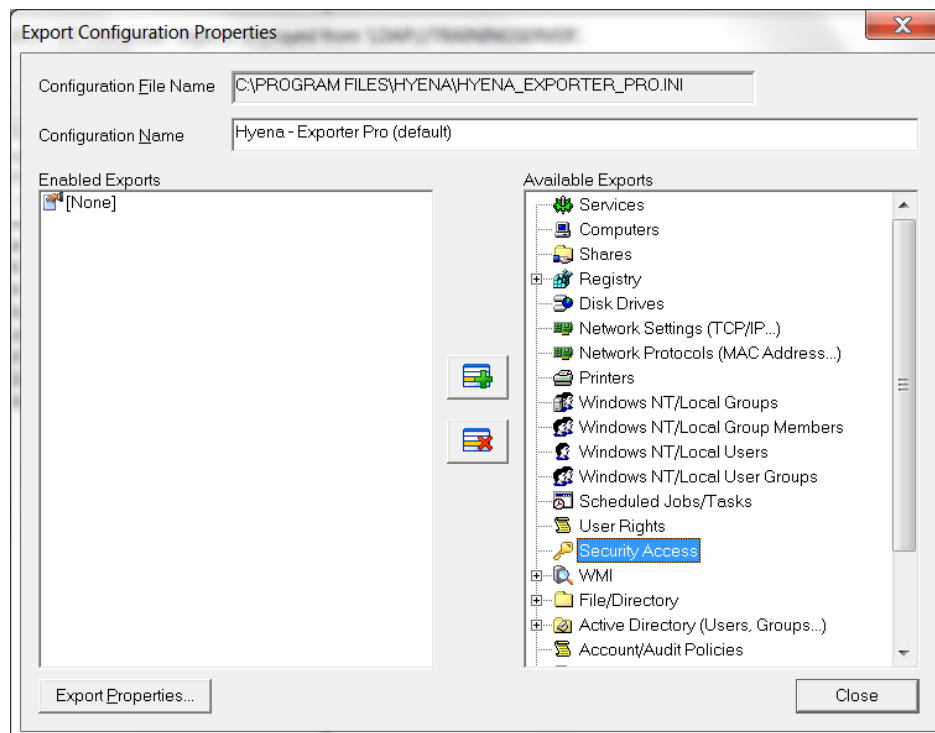




Click on an existing configuration or create a new one, then click the Settings button:

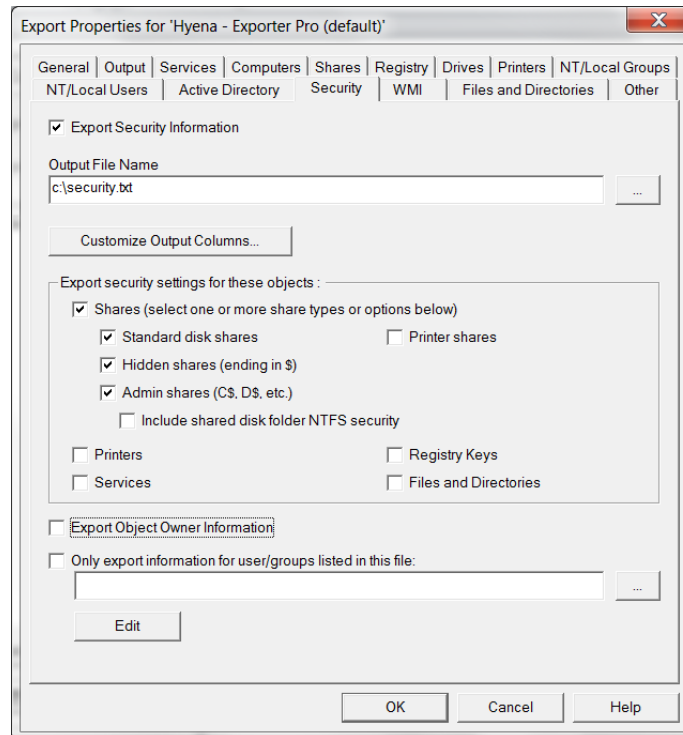


Double-click on Security Access in the right-hand window:



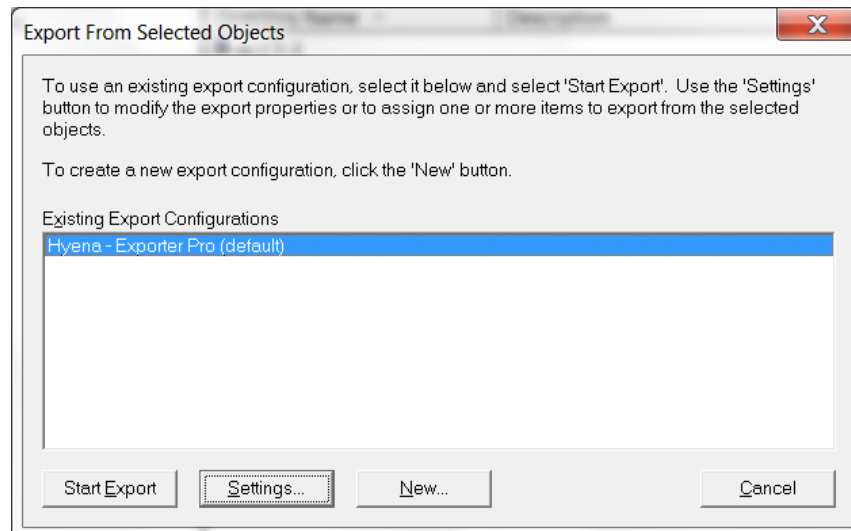


And configure the options on that dialog:



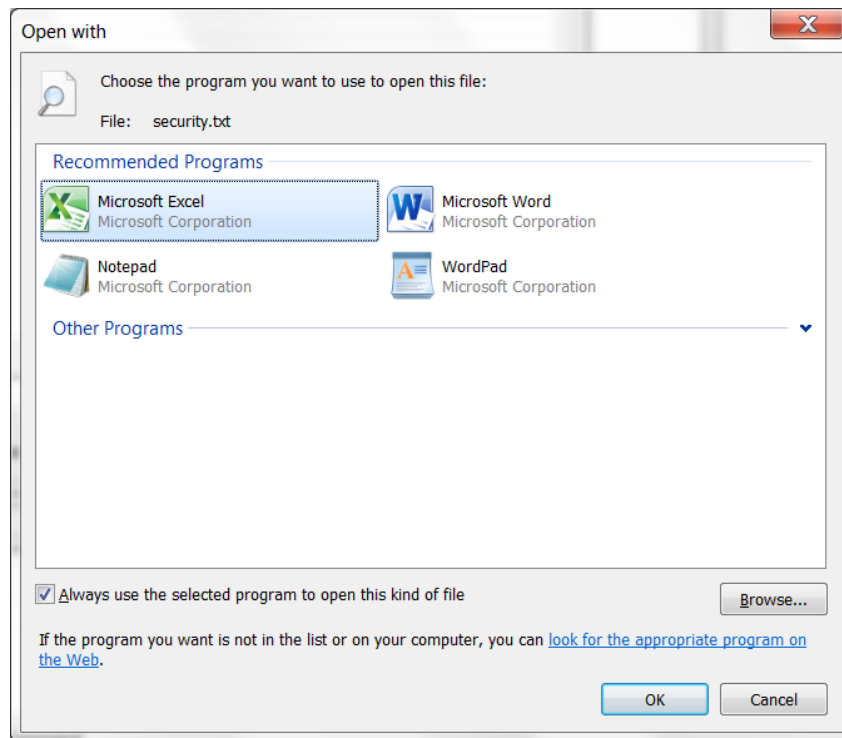
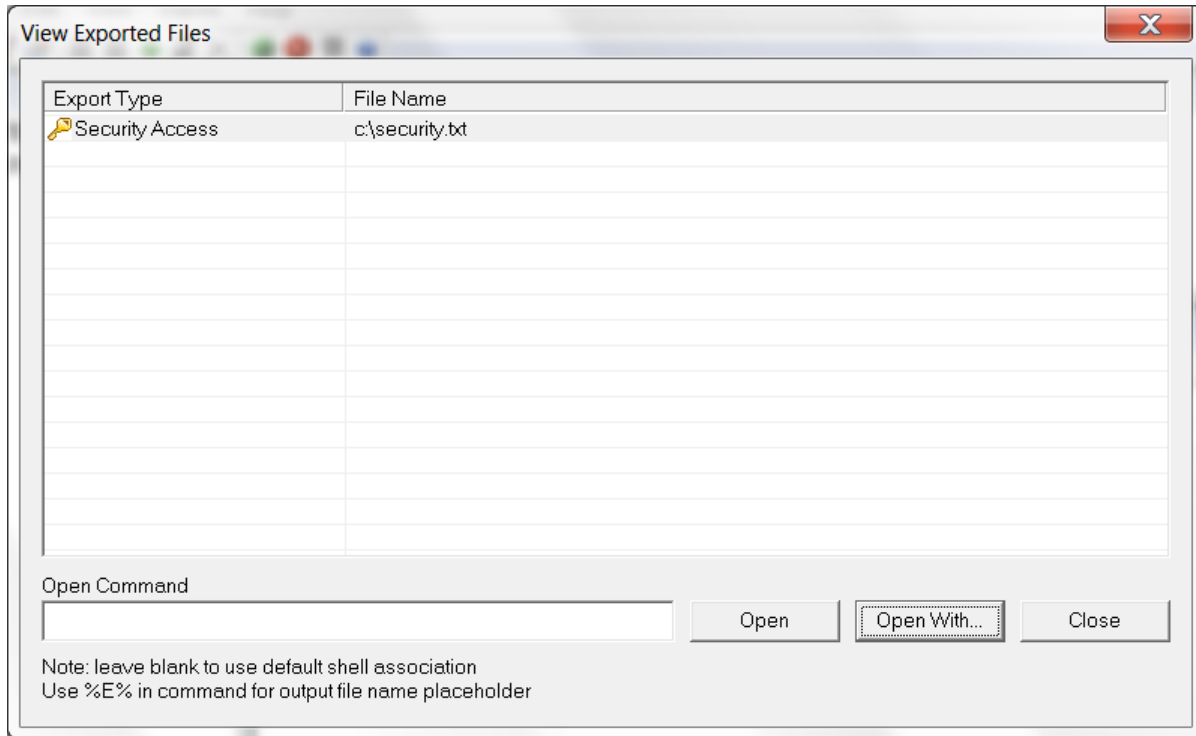
Check the box to Export Security Information to enable this export, enter an Output File Name, and then choose the share types to export information from under Export security settings for these objects.

Once configured click OK, then Close and then Start Export:





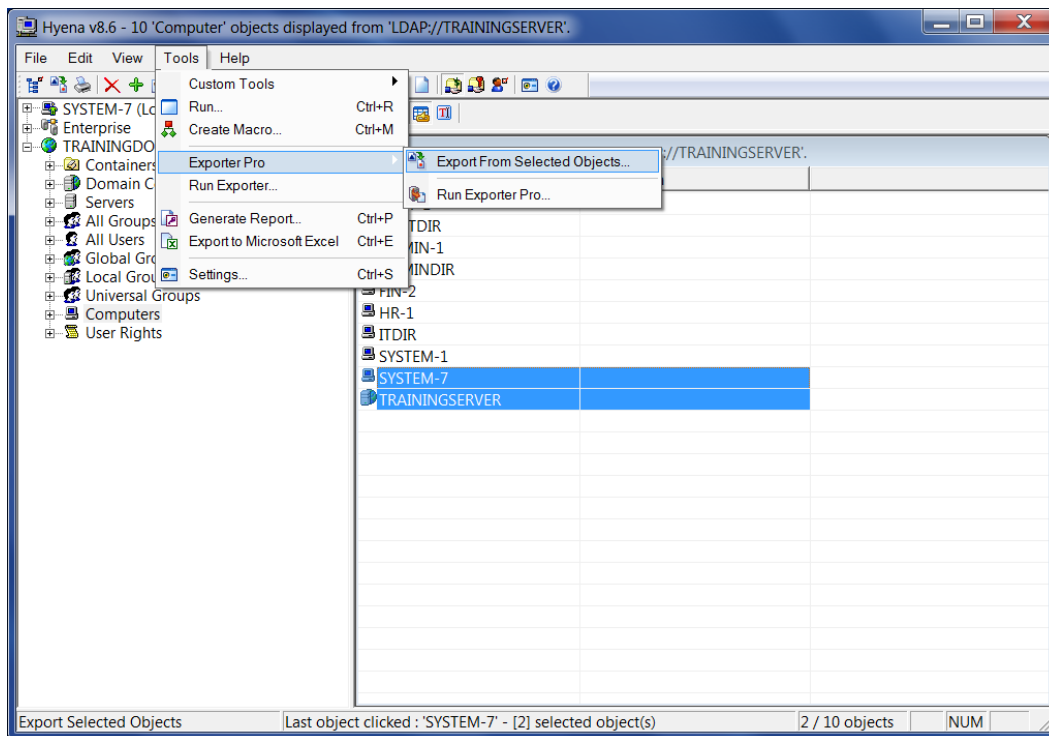
When it has finished running click the Open With button and choose Microsoft Excel from the list:





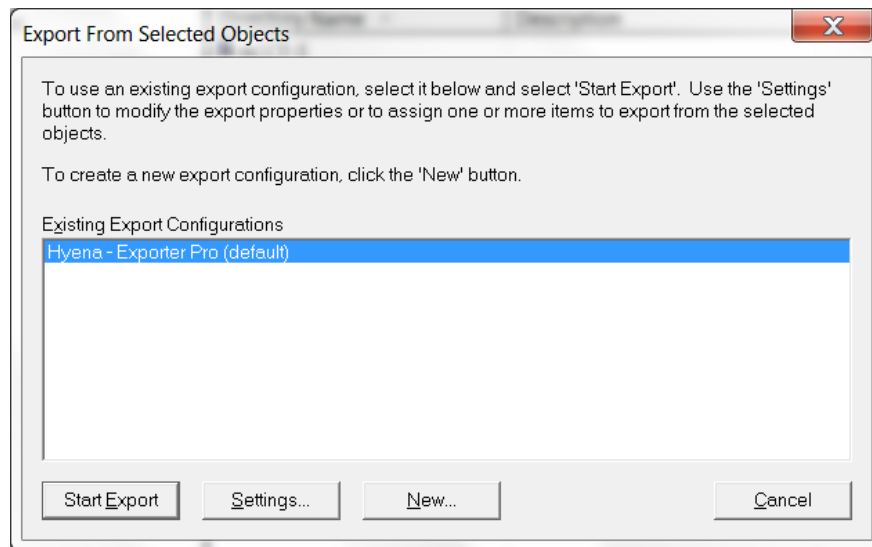
## NTFS Permissions – Exporter Pro

Exporter pro offers the best solution for reporting NTFS File/Folder permissions across multiple computers. Select the computers in Hyena, and then choose Tools > Exporter Pro > Export From Selected Objects:

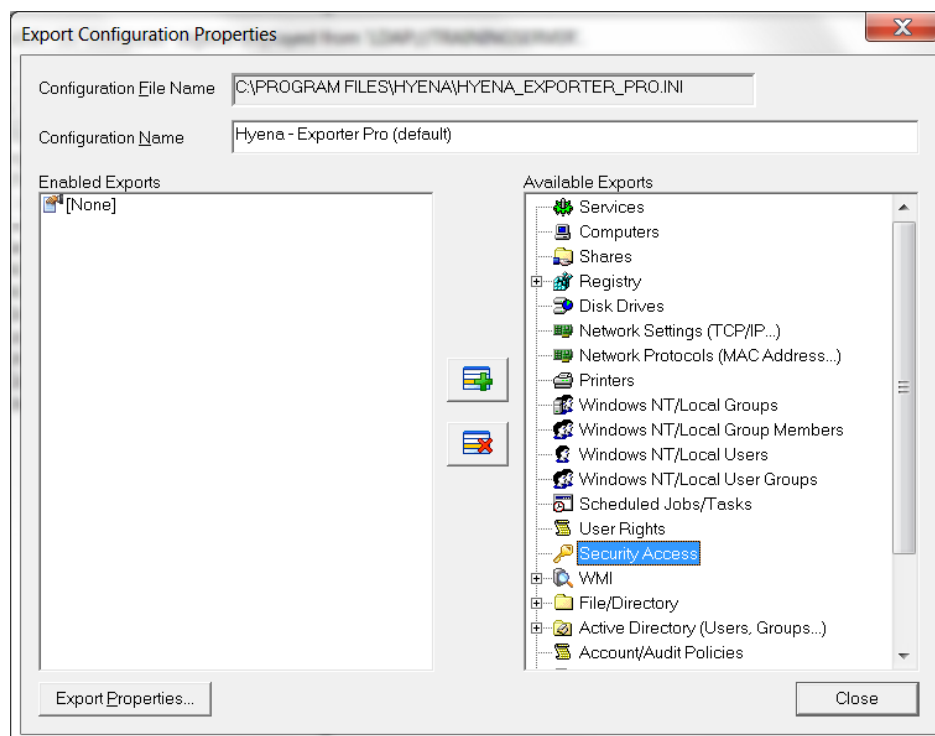




Click on an existing configuration or create a new one, then click the Settings button:



Double-click on Security Access in the right-hand window:

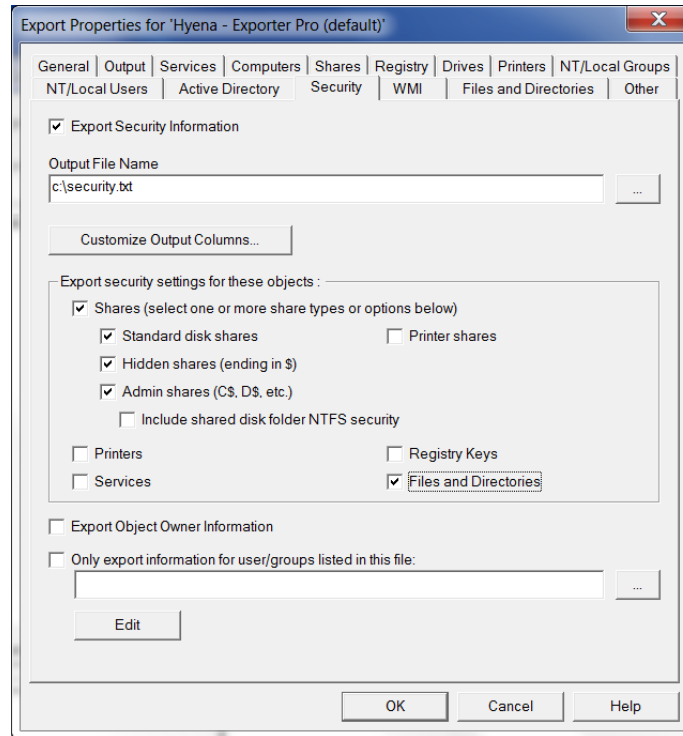


Check the box to Export Security Information to enable this export, enter an Output File Name, and choose the share types to export from under Export security settings for these objects. To export File/Folder NTFS security, check the box for Files and Directories. To

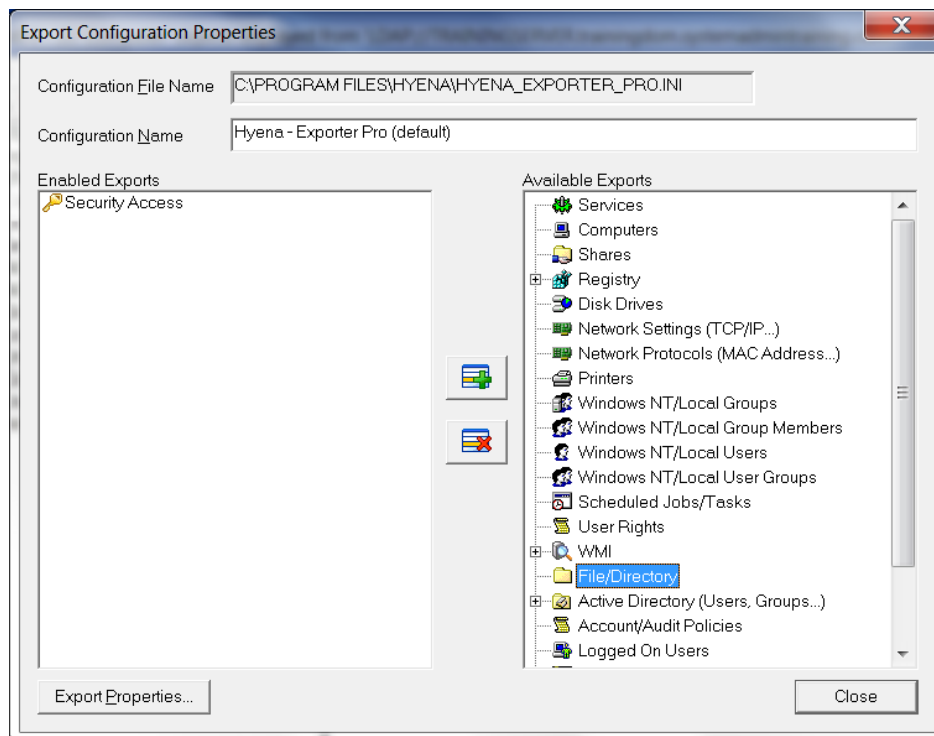




include owner information for each File/Folder, check the box to Export Object Owner Information:

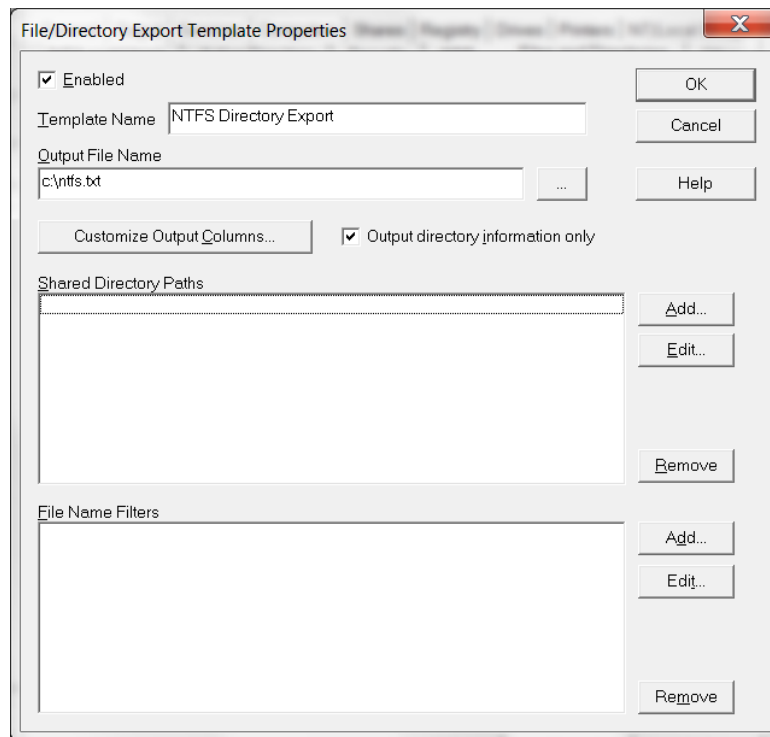


Once configured click OK, and create a File/Directory template:

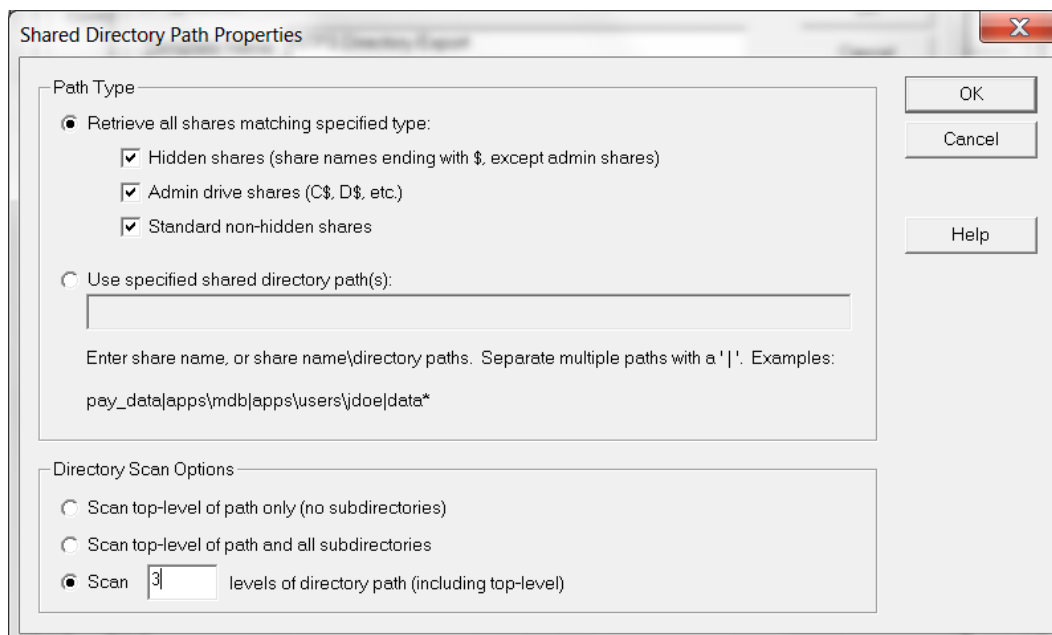




Click the New button for the File/Directory Export Template Properties dialog:



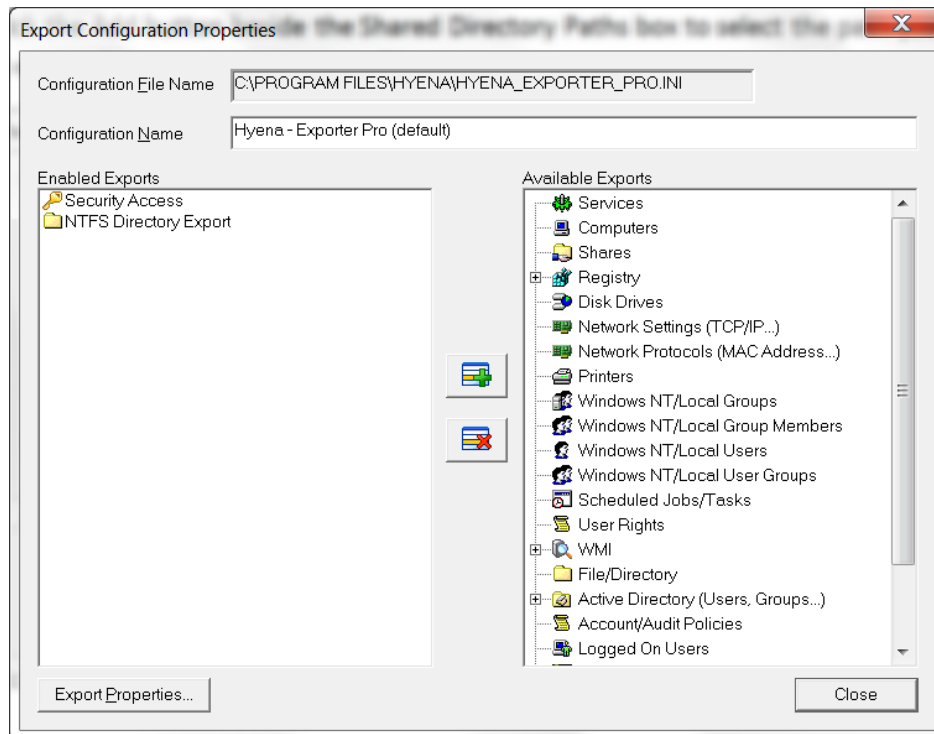
Check the box to Enable the template, enter a Template Name, and enter an Output File Name. To scan directories only, check the box to Output directory information only. Click the Add button beside the Shared Directory Paths box to select the path to export from:



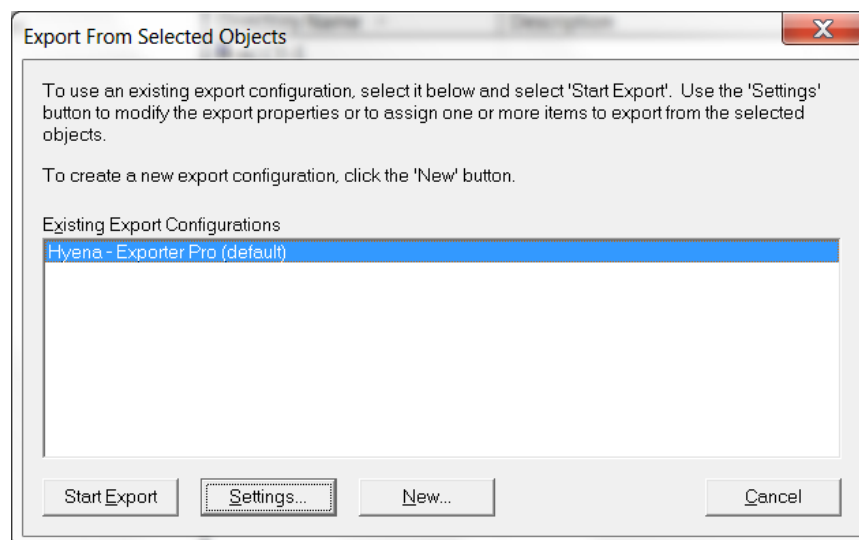


On the Shared Directory Path Properties dialog specify the share types to export from, or enter a specific share path such as c\$\apps\mydata. In the Directory Scan Options section specify how far down this path to scan: (no subdirectories), all subdirectories, or specify how many levels down to scan.

Click OK to return to the Export Configuration Properties dialog and verify these two exports are enabled:

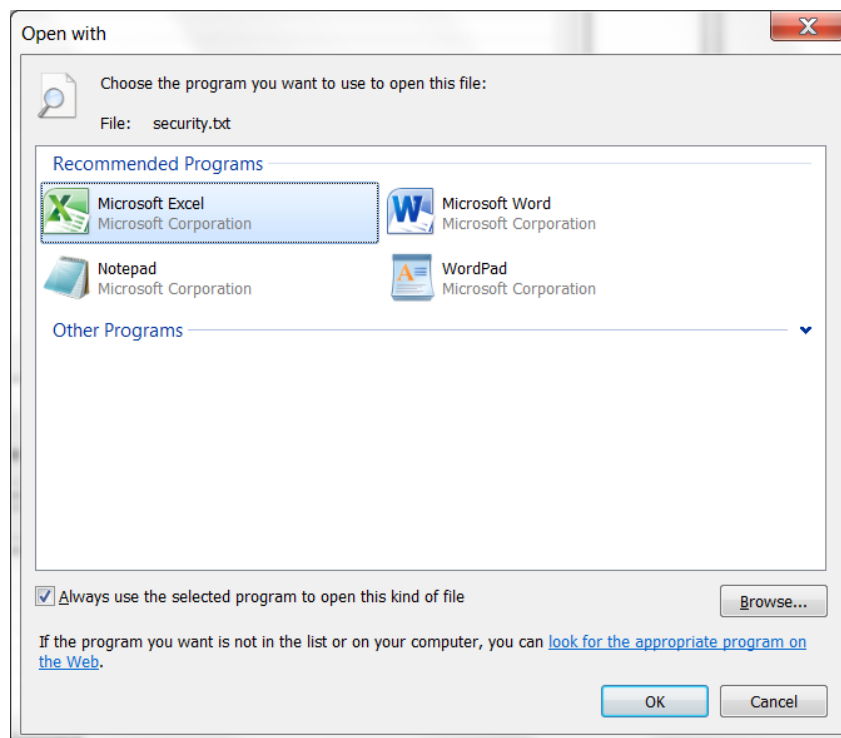
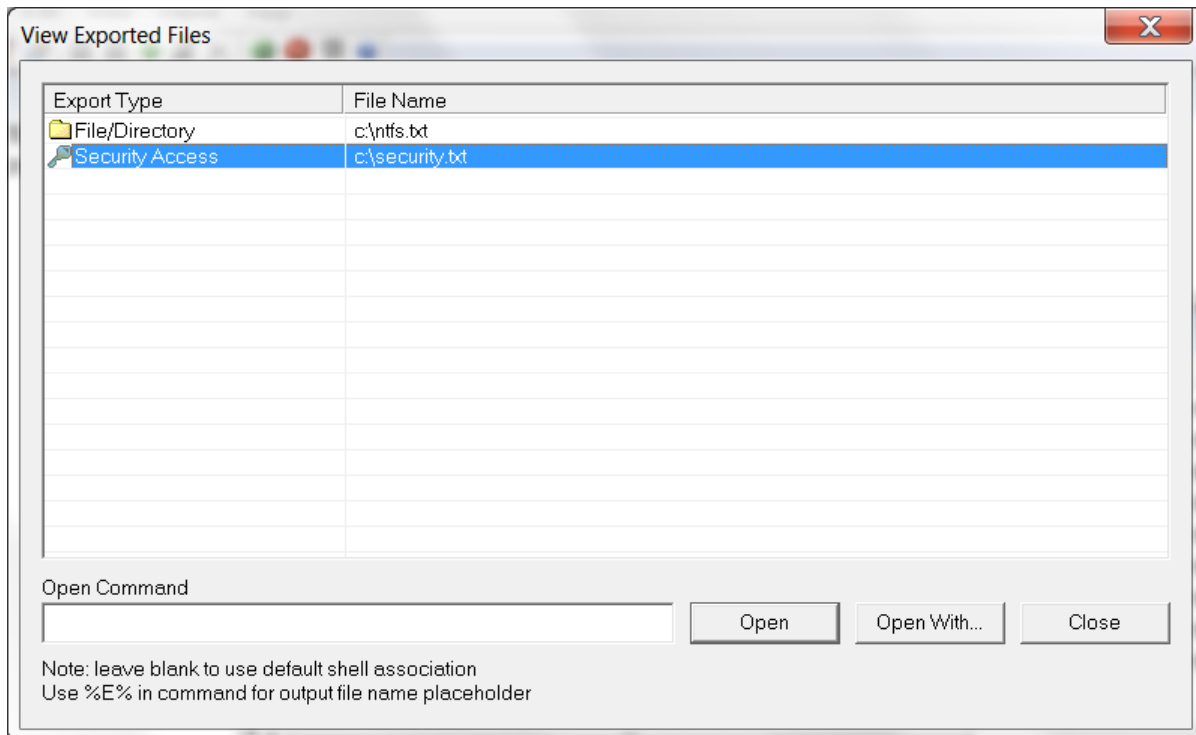


Click Close and then Start Export:





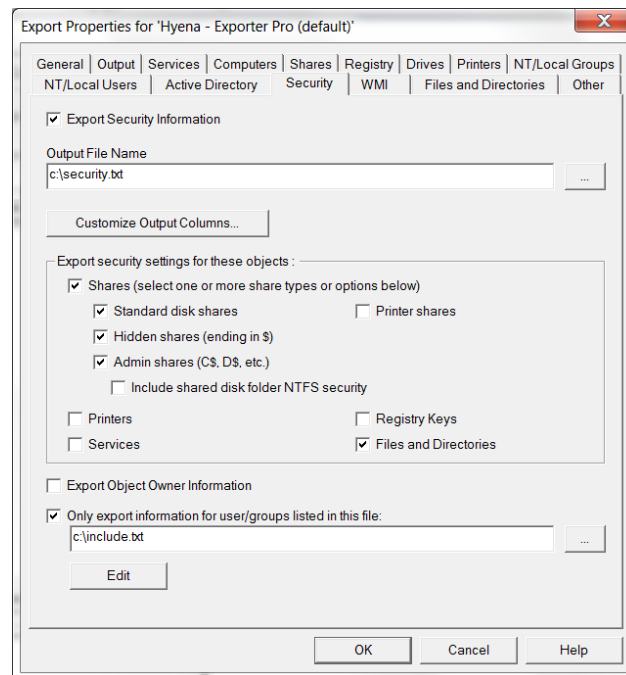
When it has finished running, click on the file specified by the Security Access export and click the Open With button to choose Microsoft Excel from the list:



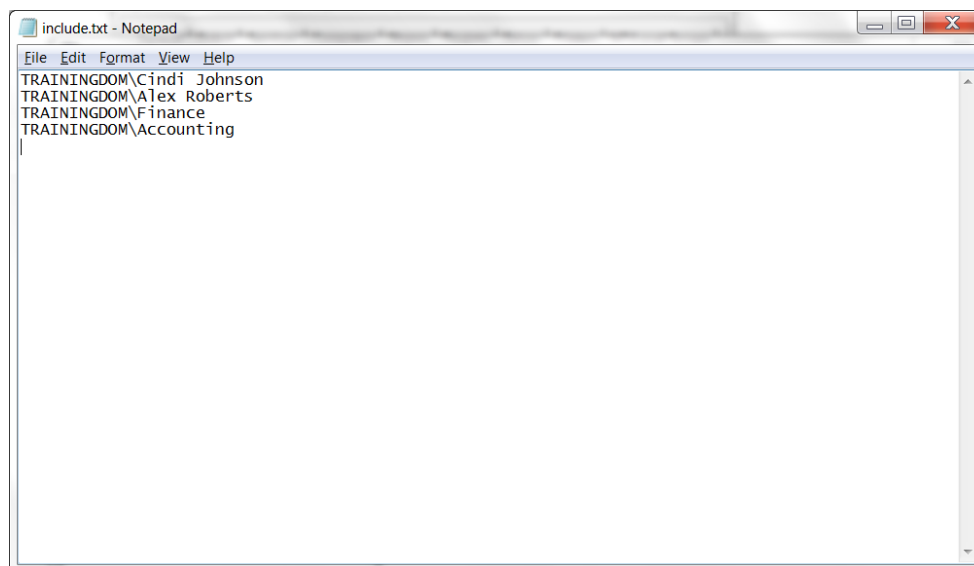


## Search NTFS File/Folder permissions for specific user(s)/group(s)

For this procedure follow the instructions for NTFS Permissions – Exporter Pro, and enter the path to a file which will contain the users and/or groups to search for:



The file is a simple text file similar to:





When specifying this file, Exporter Pro will only export the files and directories where these users and/or groups are found.

This process will not show locations where a user has been granted access through group membership, unless that group has been added to this file as well. For example if a user has access to folders on a server due to being a member of the Accounting global group, the Accounting group must also be listed in the include file.