
Silect Dashboards for SCOM:

User Guide

For System Center Operations Manager 2012 R2, 2016, 180x and 2019



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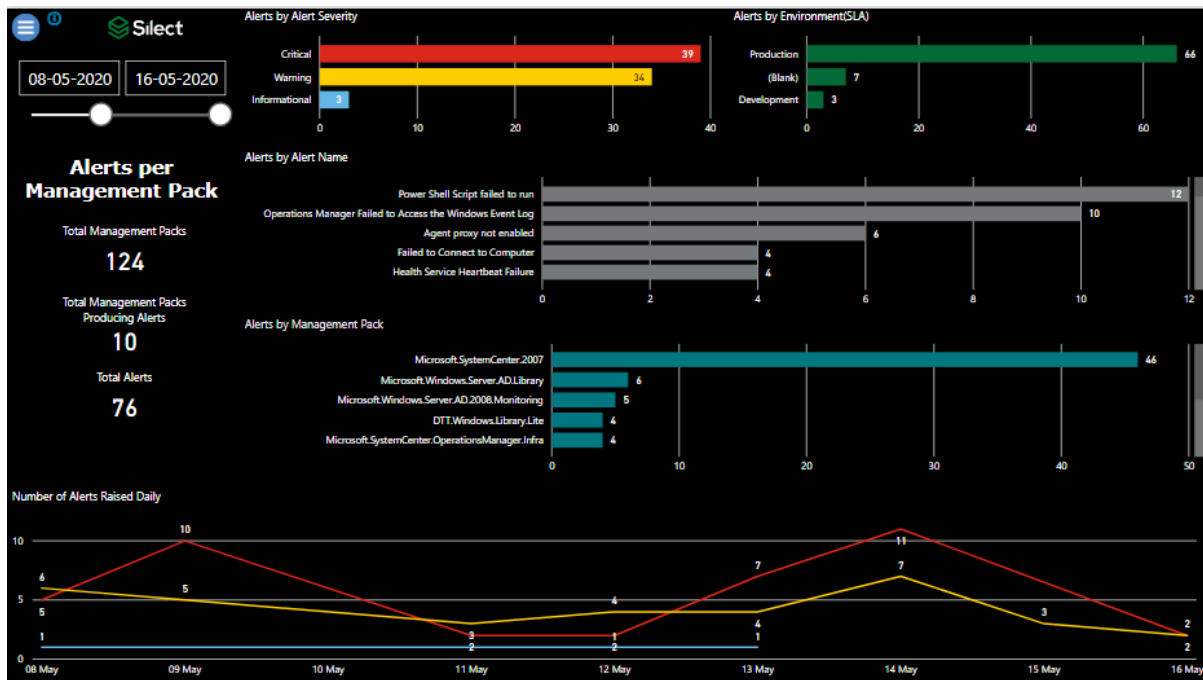
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Introduction

Silect dashboards for System Center Operations Manager leverage the dynamic and interactive capabilities of Power BI to show you the state of your IT infrastructure. You can visualize the state of your system in terms of alerting information from various services, environment, and under multiple divisions. Along with, you can also view your management pack activities, and health state of SCOM system.





Installing and Configuring the Dashboards

The Power BI (.PBIX) file that you received contain a small sample of data that originated from SCOM lab environment at Silect. While you are free to explore this sample data to get an idea of how the dashboards works and its features. But the real value of dashboards will become obvious once you will configure the dashboards with the data from your own SCOM environment.

Prerequisites

Please refer to ‘**Silect Dashboards for SCOM : Installation Guide**’ for prerequisites.

Setup

Once you have the prerequisites, you can configure dashboards with your own SCOM environment following the ‘**Setup**’ section in **Installation Guide**.

Explore the Features

‘Silect Dashboards for SCOM’ is divided into 4 main pages: Silect Landing Page, Executive Summary, Alerts Per Management Pack, and SCOM Health Check. In the following sections, we will go into the purpose of each of these pages and features to play around with. The remaining one page is hidden because it has been used to construct tooltips for these pages.

PLEASE NOTE: if you are not using custom properties in your Windows Class in SCOM then the information in the dashboards will appear under a single Division / Service / Environment. See the **Installation Guide** for information on setting up and using custom properties.

Landing Page

This page represents the services provided by Silect, including Power BI. You can also explore more dashboards from Silect here: <https://www.silect.com/power-bi/>

Executive Summary

This page gives us the executive summary of the Alerts generated within SCOM corresponding to divisions, servers, and services.

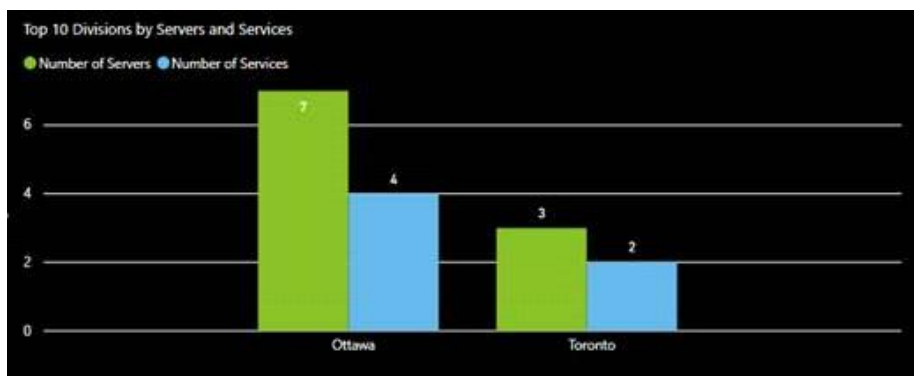
As shown in the KPI's, you can see the most important indicators for executive level to understand the overall picture of your SCOM environment i.e. Total Divisions, Services and Servers Monitored, and corresponding number of Alerts generated by the servers.



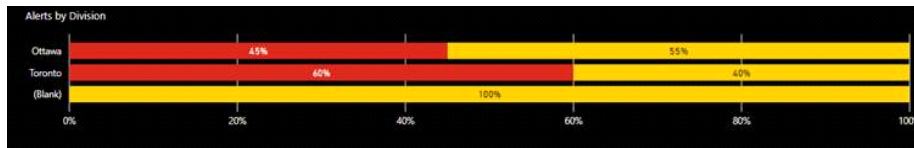
Another set of KPI's are split of Total Alerts i.e. Rule based and Monitor based Alerts



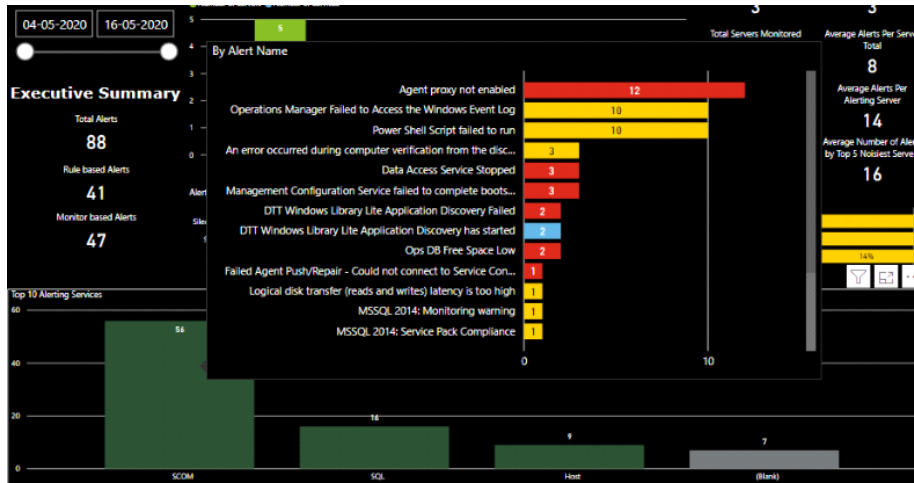
Besides, top graph is showing Top 10 Divisions split by 'Number of Servers' and 'Number of Services' corresponding to each division.



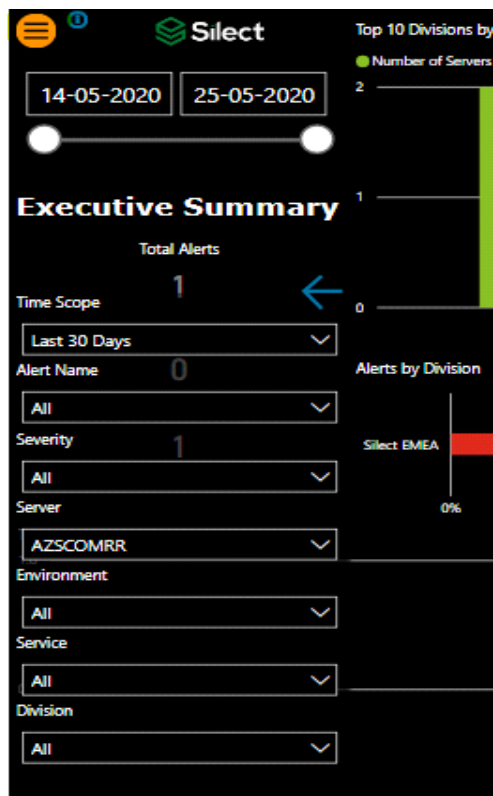
Along with, this horizontal 100% stacked bar chart is showing the %age of Alerts by each division corresponding to each severity. If you will hover over the tool tip in this graph, you can also see the actual numbers along with %age values.




The bottom graph is showing Top 10 Services in SCOM environment with respect to the number of Alerts generated.



You can also slice the values on this page, based on your own selections in hidden slicer. By Clicking over the menu button on the top left corner using CTRL Click on your keyboard, you can see a slicer bar as shown below. As you will see once you will make any selection, report page will be filtered accordingly, and menu button will change its colour to orange. Also, if you want to hide this slicer panel, you can simply CTRL Click over the back button on the pane.



Additionally, you can also see the ‘Selections Applied’ by CTRL Click on  button besides the menu button on top left corner as below:



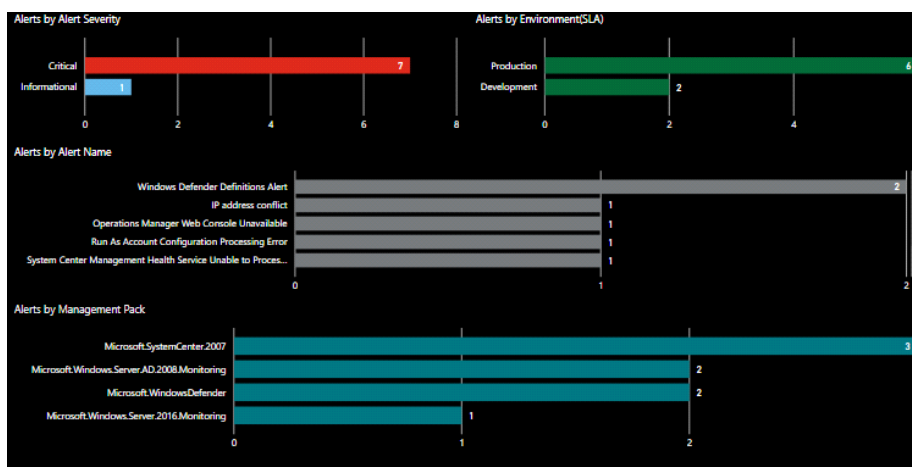
Alerts Per Management Pack

The purpose of this report page is to show Alerts generated by each management pack.

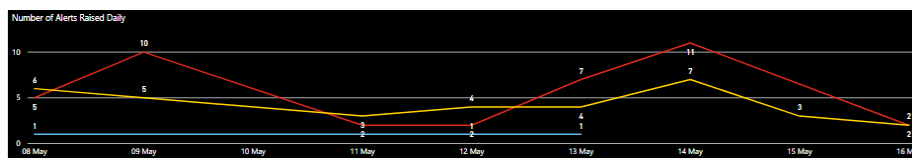
KPI's are showing us 'Total Number of Management Packs' in SCOM, and 'Number of Management Packs Producing Alerts,' and 'Total number of Alerts generated.'



Graphs on beside are giving us the split of number of Alerts corresponding to Severity, Environment, Alert Name, and Management Pack



Along with, you can see the trendline for Alerts showing 'Number of Alerts Raised Daily'. You can configure the period upon selection in the slicer in slicer panel, or by selecting dates from timeline.



SCOM Health Check

The report page tells us the health of SCOM Agents, Management Servers, and Gateway Servers. Along with you can see total space occupied by Operations Manager and Operations Manager DW databases, along with the free space in each database.



Version

This page shows the last refresh datetime of this report, so that you can keep the track of the data last refreshed from your SCOM environment.

Getting Support

You need to ensure that SQL server instance is running in your environment either locally or remotely. And you have correctly set the parameters in report after fulfilling the requirement of prerequisites.

Help, Contact Support

The Silect Dashboards for SCOM are released as a free product, and don't include support. That being said, if Power BI reports an error message or a visual comes up in an error state after changing the database server instance and name parameters (as described in the Setup section), you can send a problem report, including a description of the problem and screenshots, to support@silect.com. You may be asked to include a copy of your .PBIX file. Silect however won't be able to provide assistance if the .PBIX file has been modified beyond changing the connection parameters.

If you have specific reports you'd like to see, you can contact info@silect.com to discuss contracting options.

Other Resources

The Microsoft Power BI Community (<https://community.powerbi.com/>) is the primary location where Microsoft and Power BI MVPs provide help in setting up and using Power BI, as well as creating your own reports either from scratch or by adapting existing reports to suit your own needs.