

Deployment Guide

Axway Market Place Product

[Comments]

Sentinel Web Dashboards package for B2Bi

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Document History

Version	Date	Update Origin	Written by	Verified By
0.1	5 March 2020	Creation	Murali Panidepu	Patrick Guevara
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PURPOSE

This document describes steps for importing the sentinel Web Dashboards package for B2Bi, needed prerequisites and an overview of the Web Dashboards in the package .

WHO SHOULD READ THIS MANUAL?

The document addresses audiences to anyone who needs to use Sentinel for reporting and Web Dashboards

PRIOR KNOWLEDGE

We assume the reader has knowledge of Sentinel and B2Bi solution.

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Introduction

Sentinel Web Dashboards

Axway Sentinel enables you to monitor your business processes from end-to-end across multiple applications. Sentinel captures events from both Axway and third-party applications and systems, enabling you to track data as it flows through your system, anytime, anywhere, 24 hours per day.

Sentinel enables you to design and use **Web Dashboards** that can be displayed as a web page or on a mobile device. Web Dashboards provides users with up-to-date information in a centrally managed, easily accessed, location. For example, users can view file transfers, B2B transactions in one central location.

Reference

- WebDashboard User Guide

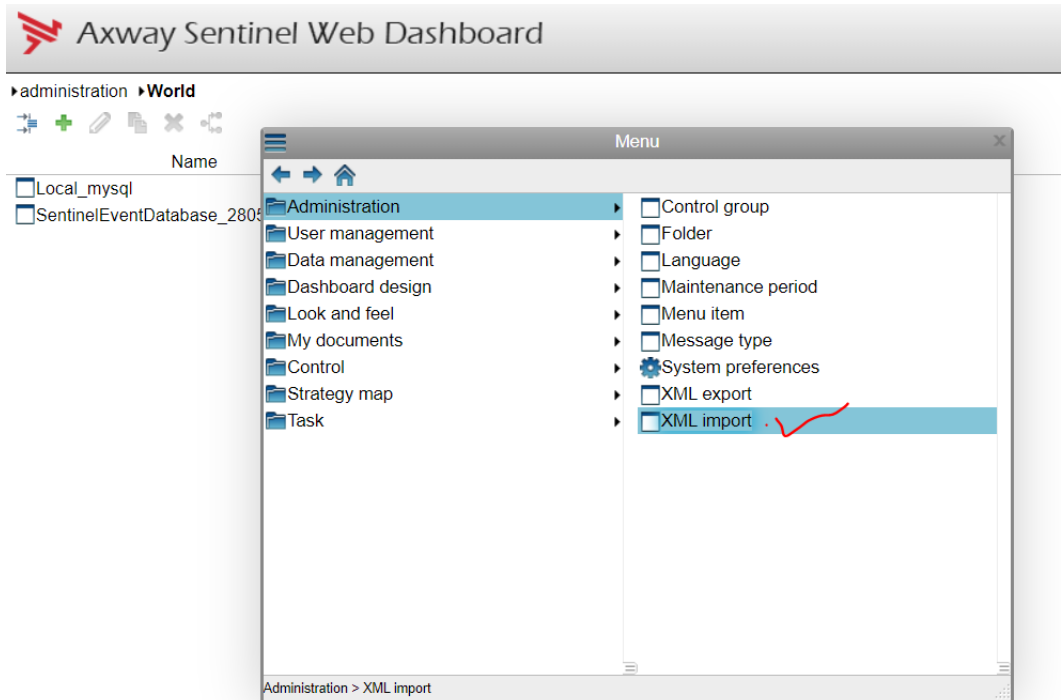
https://docs.axway.com/bundle/Sentinel_420_WebDashboardUsersGuide_allOS_en_webhelp/page/Content/AxwayStartPage_WebDashboard.htm

Sample Web Dashboards Package Overview:

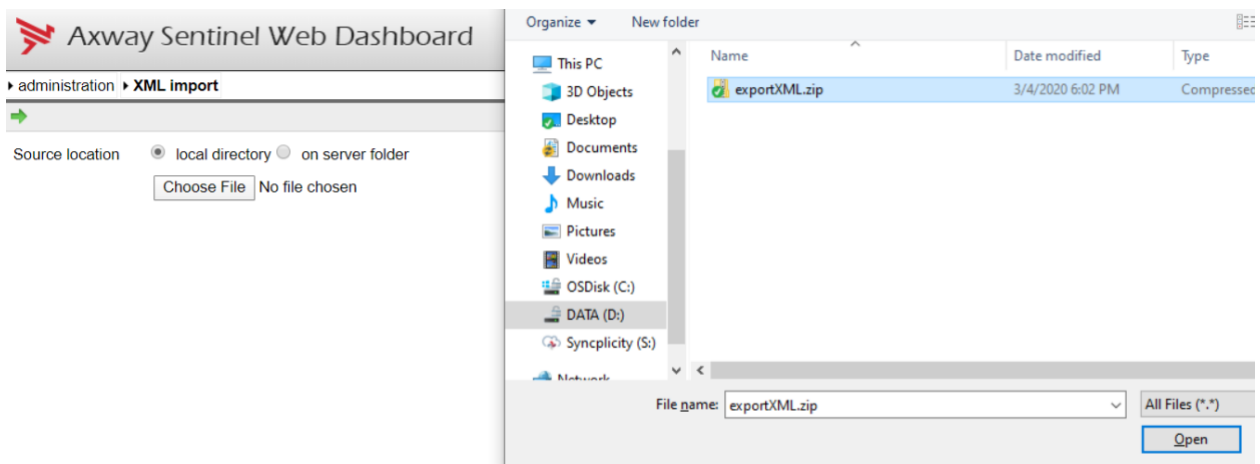
This Package provides a set of Web Dashboards/reports which could give a starting point for visibility into B2Bi transfers using the Web Dashboards technology and represents different ways of presenting the data using Web Dashboards.

Steps to IMPORT The package:

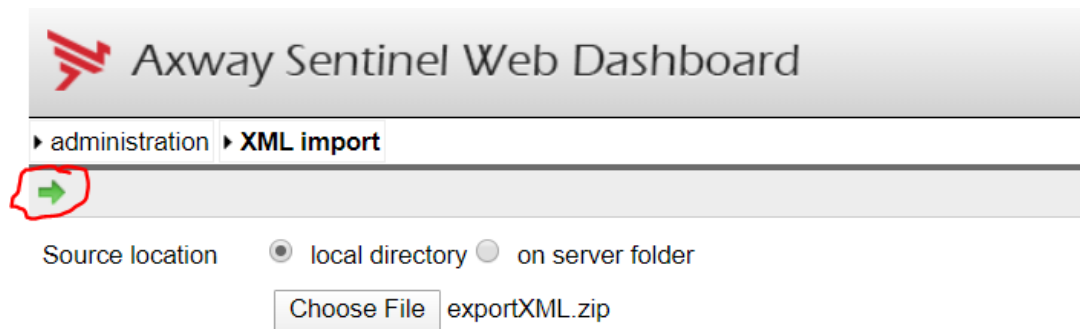
- From the Administration menu, select “XML import”



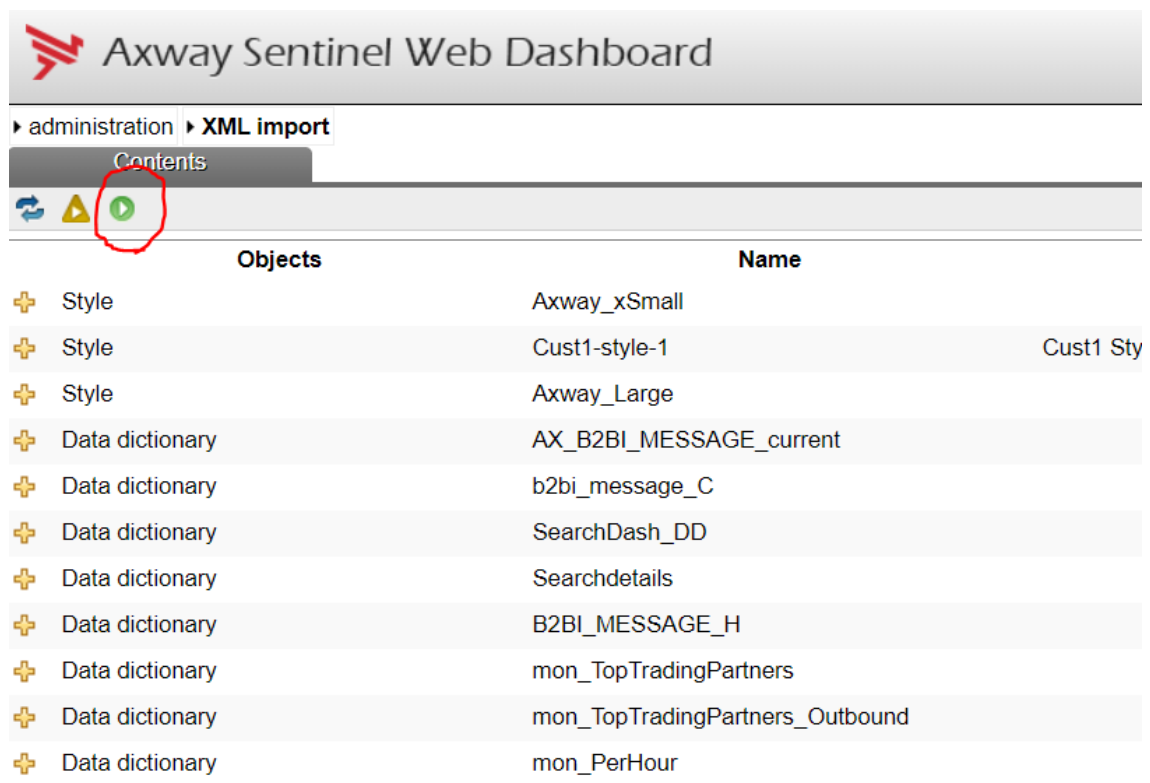
- Select the package from your local path.



- Select the **Green** next button



- Select the “TO Import” button highlighted below.
(Note: it should display a longer list than shown in the screenshot)



Note : You would have successfully imported the Web Dashboards package with the above step.

Updating the Dashboards

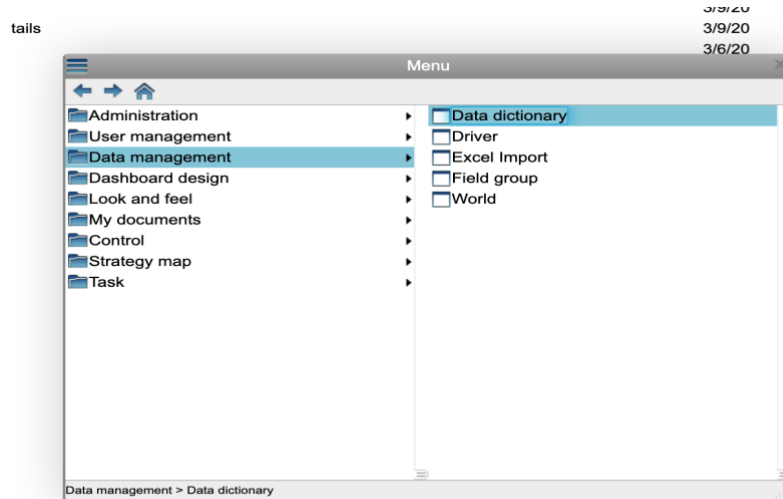
- When the updated version of dashboards are made available , it would be easy to update the dashboards by simply following the above Steps.
- Updated components would be showed up selected under the UPDATE status as shown below.
- It's up to the user whether to override the Object by selecting the right option from the UI.

administration > XML import						
Contents						
Objects	Name	Description	XML Version	DB version	NONE UPDATE DEL.	
Style	Axway_xSmall	Axway_xSmall	00.00.004	00.00.003	<input type="radio"/>	<input checked="" type="radio"/>
Data dictionary	b2bi_message_C	Current Monitoring	00.00.003	00.00.000	<input type="radio"/>	<input checked="" type="radio"/>
Data dictionary	Searchdetails	Search Dashboard Data Dictionary Details	00.00.137	00.00.135	<input type="radio"/>	<input checked="" type="radio"/>
Data dictionary	mon_TopTradingPartners	mon_TopTradingPartners - Inbound	00.00.071	00.00.068	<input type="radio"/>	<input checked="" type="radio"/>
Data dictionary	mon_TopTradingPartners_Outbound	mon_TopTradingPartners - Outbound	00.00.074	00.00.072	<input type="radio"/>	<input checked="" type="radio"/>
Data dictionary	mon_PerHour	mon_TransactionsPerHour	00.00.019	00.00.016	<input checked="" type="radio"/>	<input type="radio"/>
Data dictionary	DD_B2BIMessagesC	DD_B2BIMessagesC	00.00.000	00.00.000	<input checked="" type="radio"/>	<input type="radio"/>
Data dictionary	b2bmessage_historic		00.00.000		<input type="radio"/>	<input checked="" type="radio"/>
Data dictionary	b2b_message_current		00.00.002		<input type="radio"/>	<input checked="" type="radio"/>
Report	DistributionByState	Distribution By State	00.00.017	00.00.017	<input checked="" type="radio"/>	<input type="radio"/>
Report	SearchDetails	Related Events	00.00.013	00.00.012	<input type="radio"/>	<input checked="" type="radio"/>
Report	mon_MessageErrorTrend	Error trend	00.00.018	00.00.016	<input type="radio"/>	<input checked="" type="radio"/>
Report	mon_TopTradingPartners	Top 10 Inbound Partners	00.00.030	00.00.030	<input checked="" type="radio"/>	<input type="radio"/>
Report	mon_TopTradingPartners_Outbound	Top 10 Outbound Partners	00.00.012	00.00.012	<input checked="" type="radio"/>	<input type="radio"/>
Report	mon_ConsumedCount	Consumed	00.00.081	00.00.073	<input type="radio"/>	<input checked="" type="radio"/>
Report	mon_DeliveredCount	Delivered	00.00.075	00.00.068	<input type="radio"/>	<input checked="" type="radio"/>
Report	mon_TransportProtocols	Trading Pickup protocol summary	00.00.017	00.00.011	<input type="radio"/>	<input checked="" type="radio"/>
Report	mon_ErrorSummary	Errors	00.00.111	00.00.105	<input type="radio"/>	<input checked="" type="radio"/>
Report	R022_TransactionsPerHour	Transactions/hour (Consumed)	00.00.163	00.00.163	<input checked="" type="radio"/>	<input type="radio"/>
Report	R023_TransactionsPerHour	Transactions/hour (Delivered)	00.00.161	00.00.161	<input checked="" type="radio"/>	<input type="radio"/>
Report	Out_Transport_protocol_summary	ApplicationPickup protocol summary	00.00.018	00.00.013	<input type="radio"/>	<input checked="" type="radio"/>
Report	MessageTracker	Transaction Tracker (click here for filters)	00.00.071	00.00.058	<input type="radio"/>	<input checked="" type="radio"/>
Report	Messages_Processed_Outbound_new		00.00.059		<input type="radio"/>	<input checked="" type="radio"/>
Report	MessagesProcessedOKTodayDetails	Messages Processed OK Today Inbound Details	00.00.042	00.00.036	<input type="radio"/>	<input checked="" type="radio"/>
Report	Message_Processed_Today_Outbound		00.00.044		<input type="radio"/>	<input checked="" type="radio"/>
Report	Message_Processed_Faile_Outbound		00.00.046		<input type="radio"/>	<input checked="" type="radio"/>

EDITS

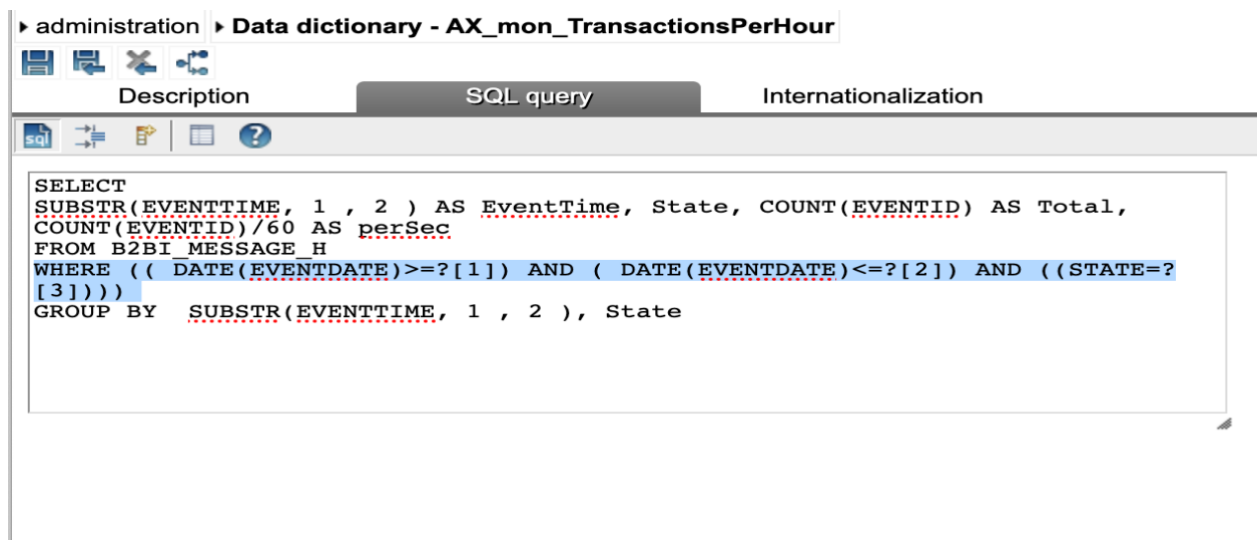
Note: A few data-dictionaries use Free Form SQL and these queries are built on MySQL DB, to use with ORACLE DB few changes have to be made to following Data dictionary.

GOTO- Main Menu -> Data management-> Select Data dictionary



#1: Edit the AX_mon_TransactionsPerHour

- Goto SQL query tab



- Replace the where condition

- **FROM MYSQL**

WHERE ((DATE(EVENTDATE)>=?[1]) AND (DATE(EVENTDATE)<=?[2]) AND ((STATE=?[3])))

- **TO ORACLE**

WHERE ((TRUNC(EVENTDATE,'DD')>=?[1]) AND (TRUNC("EVENTDATE" ,'DD')<=?[2]) AND ((STATE=?[3])))

- **TO SQLSERVER**

- Replace the where condition with the following statement

WHERE ((CONVERT(date,EVENTDATE) >=?[1]) AND (CONVERT(date,EVENTDATE) <=?[2]) AND ((STATE=?[3])))

- Replace the **SUBSTR** function with SUBSTRING

#2 For Data dictionaries : **mon_TopTradingPartners – Inbound** and **mon_TopTradingPartners - Outbound**

Update the LIMIT statement when using ORACLE DB and SQL Server DB

- **From MYSQL**

LIMIT 10 OFFSET 0

- **TO SQLSERVER**

1. Replace SELECT with SELECT TOP 10
2. Delete the statement “LIMIT 10 OFFSET 0 “

- **TO ORACLE**

For ORACLE Version 12c and above use the following syntax

Replace LIMIT 10 OFFSET 0 to

OFFSET 0 ROWS FETCH NEXT 10 ROWS ONLY

For ORACLE Version 11g use the following syntax

Step1: wrap the query around the select statement : **Select * from (**

Step2: add a closing where condition: **) where rownum <=10**

Step3: Delete the statement **LIMIT 10 OFFSET 0**

Example:

Select * from (

SELECT ReceiverName, count(*)

FROM b2bi_message_h

WHERE

EventDate >= ?[1] AND EventDate <= ?[2] AND

STATE = 'Delivered' AND Direction = 'Outbound'

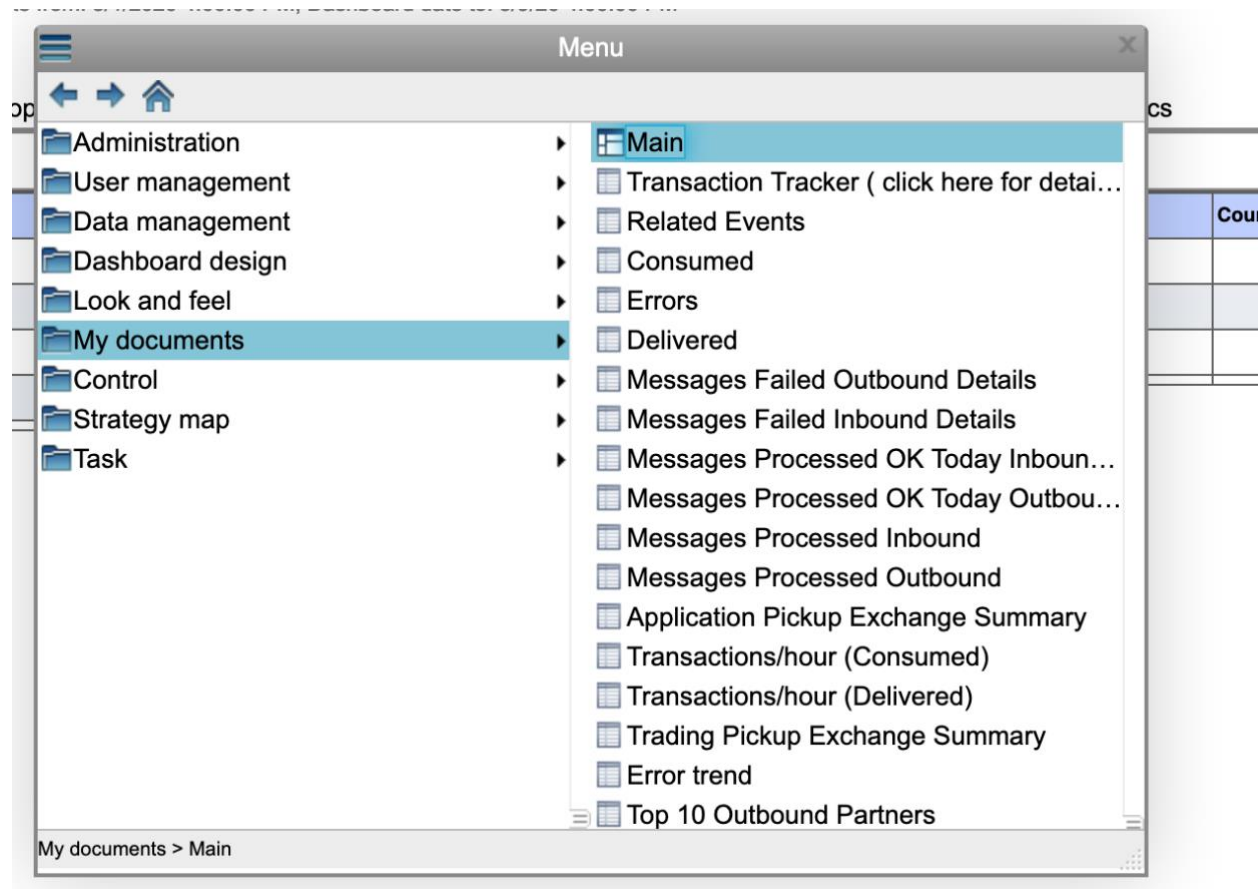
GROUP BY ReceiverName

ORDER By Count(*) DESC

) where rownum <=10

VIEWING the Web Dashboards

GOTO main menu, My documents -> select Main



- By Default, Web Dashboards are set to current date range, and to update the date range. Click on the Update the Date Filter:

- Click on the filter ICON (first one from the left) and choose the From and TO date range.
 - *Note: this filter will be applied to all the TABS in the Main Web Dashboard*

Main Dashboard Filter

Axway Sentinel Web Dashboard

administration Main Filter by - Dashboard date from: 3/1/2020 4:00:00 PM; Dashboard date to: 3/9/20 4:00:00 PM

Filters

Main

☒ Dashboard date from 3/1/20 4:00:00 PM

☒ Dashboard date to 3/9/20 4:00:00 PM

Consumers

Date
Mar 8, 2020
Mar 8, 2020
Mar 3, 2020
Mar 3, 2020

Transport Statistics

Count

Message Search

Message Status

Delivered

Date	Direction
Mar 8, 2020	Outbound
Mar 8, 2020	Inbound
Mar 3, 2020	Outbound

Main Filter, that controls the data displayed on all the sub tabs.

- **NAVIGATE** through different Web Dashboards by clicking on the different TABS
 - Find below the **DESCRIPTION** about each Web Dashboard and the different elements in the Web Dashboards

Summary

Summary				Top 10				Transport Statistics				Message Search				Message Statistics				0 (Autorefresh disabled)			
Consumed				Delivered				Errors															
Date	Direction	Count		Date	Direction	Count		Date	State	Total													
Mar 6, 2020	Outbound	2		Mar 6, 2020	Outbound	4		Mar 3, 2020	Error	3													
Mar 6, 2020	Inbound	4		Mar 6, 2020	Inbound	4																	
Mar 3, 2020	Outbound	2		Mar 3, 2020	Outbound	1				All Errors	3												
Mar 3, 2020	Inbound	2																					

Displays the "Consumed" State message Counts summary for each day

Displays the "Delivered" State message Counts summary for each day

Displays the "Error" State message Counts summary for each day

Transactions/hour (Consumed)				Transactions/hour (Delivered)			
Hour (Consumed)	21	22	Total / Median	Hour (Delivered)	21	22	Total / Median
Total	7	3	10	Total	8	1	9
per Min	0	0	.1	per Min	0	0	.1

Displays the count of messages per Hour/per Minute with "Consumed" State

Displays the count of messages per Hour/per Minute with "Delivered" State

Top 10

Summary				Top 10				Transport protocols				Message Search				Transaction Drill Down				Technical Dashboard			
Top 10 Inbound Partners				Top 10 Outbound Partners																			
Sender name	Inbound			Receiver name	Outbound																		
Digipay	21			Prime Goods	8																		
Prime Goods	2			Digipay	7																		
zTech_FTP	2			Grok	3																		
Space Bank	1			Jasper Online Shop	2																		
				Safe T Bank	1																		
					21																		

Displays the Top 10 Trading Partner Inbound-Message counts

Displays the Top 10 Trading Partner Outbound-Message counts

Transport Statistics


<div> <div> <div> <div></div> <div></div> <div></div> </div> <div>Summary</div> <div>Top 10</div> <div>Transport Statistics</div> <div>Message Search</div> <div>Message Statistics</div> <div>0 (Autorefresh disabled)</div> </div> </div>			
Trading Pickup Exchange Summary			
EXCHANGE NAME	FILE SIZE (Bytes)	Count	% Total
TP_Bs_Asmc_pcl pickup		1,802	4
TP_pslst_Asmc		512	1
TP_atp_Asmc		15,436	1
		17,750	6

Displays the counts of messages, sum of bytes, % usages of Trading Pickup Exchanges

EXCHANGE NAME	FILESIZE (bytes)	Count	%Total
AP_3s_name_EIP	783	2	50%
AP_pssst_name	1,024	2	50%
	1,787	4	100%

Displays the counts of messages, sum of bytes, % usages of Application Pickup Exchanges

Message Search



Summary
Top 10
Transport Statistics
Message Search
Message Statistics

AutoRefresh disabled

Transaction Track (click here for more filters)

2. Click on filters, opens the following detailed Filters

1. By Default displays the messages based on the Main (Date) filter.

3. Click on the LINK field highlighted above, opens the following detail events for each record above.

Link Detail Events	EVENTDATE	EVENTTIME	DIRECTION	SENDERNAME	SENDERROUTINGID	RECEIVERNAME	RECEIVERROUTINGID	STATE	ISALERT	FILENAME	EXCHANGEURL	DESCRIPTION
01581720308465.19417128sub-sevprv_30	Mar 8, 2020	21:49:00	Inbound	AAME	AAME	AAME	AAME	Delivered	0	997_ahm_00000000KB.ed	optrway/sharedexchanges/business/ad_default	Delivered
01581720308465.19417128sub-sevprv_30	Mar 8, 2020	21:49:00	Inbound	AAME	AAME	AAME	AAME	Delivered	0	997_ahm_00000000KB.ed	optrway/sharedexchanges/business/ad_default	Delivered
01581720308465.19417128sub-sevprv_30	Mar 8, 2020	21:49:00	Inbound	Prime Goods		AAME		InboundX12Trans	0	997_ahm_00000000KB	optrway/sharedexchanges/business/tp_ahm_30	Inbound X12 Transaction Set
01581720308465.19417128sub-sevprv_30	Mar 8, 2020	21:49:00	Outbound	AAME		Prime Goods		AcftReceived	0	ahm_00000000KB		Received acknowledgement
01581720308465.19417128sub-sevprv_30	Mar 8, 2020	21:49:00	Inbound	Prime Goods		AAME		InboundX12H	0	997_ahm_00000000KB	optrway/sharedexchanges/business/tp_ahm_30	Inbound X12 interchange
01581720308465.19417128sub-sevprv_30	Mar 8, 2020	21:49:00	Inbound	Prime Goods		AAME		InboundX12Trans	0	997_ahm_00000000KB	optrway/sharedexchanges/business/tp_ahm_30	Inbound X12 Transaction Set
01581720308465.19417128sub-sevprv_30	Mar 8, 2020	21:49:00	Outbound	AAME		Prime Goods		AcftReceived	0	ahm_00000000KB		Received acknowledgement
01581720308465.19417128sub-sevprv_30	Mar 8, 2020	21:49:00	Inbound	Prime Goods		ZZPRIMEGOODS:PRIMEGOODS		AcftRequested	0	ahm_00000000KB	optrway/sharedexchanges/business/tp_primegoods	Requested Acknowledgment

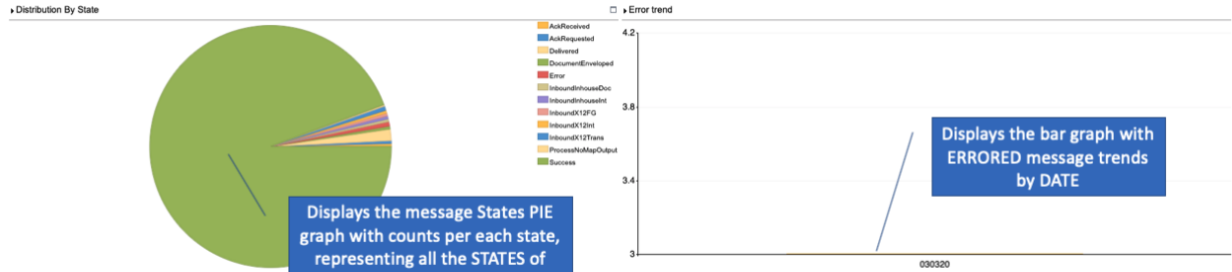
Related Events

EventDate	Status	Sender Name	Receiver Name	Direction	Protocol	Message Format	Message Type	Document Type	Description	Exchange
Mar 8, 2020	Succeeded			Inbound	FILESYSTEM				Consumed	TP_30_AAME_301 pickup
Mar 8, 2020	Succeeded	Prime Goods	AAME	Inbound	FILESYSTEM	X12	997		Message processing completed	TP_30_AAME_301 pickup
Mar 8, 2020	Succeeded	Prime Goods	AAME	Inbound	FILESYSTEM	X12	997		Inbound X12 interchange	TP_30_AAME_301 pickup
Mar 8, 2020	Succeeded	Prime Goods	AAME	Outbound	FILESYSTEM	X12			Received acknowledgement	TP_30_AAME_301 pickup
Mar 8, 2020	Succeeded	Prime Goods	AAME	Inbound	FILESYSTEM	X12	997		Inbound X12 Transaction Set	TP_30_AAME_301 pickup
Mar 8, 2020	Succeeded	Prime Goods	AAME	Inbound	FILESYSTEM	X12			Outbound X12 Transaction Set	AD_30_AAME_default
Mar 8, 2020	Succeeded	AAME	AAME	Inbound	FILESYSTEM	X12			Delivered	AD_30_AAME_default
Mar 19, 2020	Succeeded	AAME	AAME	Inbound	FILESYSTEM	X12			Received	AD_30_AAME_default
Mar 19, 2020	Succeeded	AAME	AAME	Inbound	FILESYSTEM	X12			Delivered	AD_30_AAME_default

Message Statistics

Summary				Top 10				Transport Statistics				Message Search				Message Statistics			
Messages Processed Inbound								Messages Processed Outbound											
Date	MessagesProcessed	Error Messages	MessageInProgress		Date	MessagesProcessed	Error Messages	MessageInProgress											
Mar 19, 2020	1	0	0	0	Mar 3, 2020	1	1	0	0										
Mar 12, 2020	0	0	0	0	Mar 6, 2020	2	0	0	0										
Mar 8, 2020	4	0	0	0															
Mar 5, 2020	0	0	0	0															
Mar 3, 2020	0	0	0	0															

Displays the counts of messages with different states for Inbound and Outbound, with ability to DETAIL Drill down



Displays the message States PIE graph with counts per each state, representing all the STATES of messages.

Displays the bar graph with ERRORED message trends by DATE

Message Statistics

contd..

Summary				Top 10				Transport Statistics				Message Search				Message Statistics			
Messages Processed Inbound								Messages Processed Outbound											
Date	MessagesProcessed	Error Messages	MessageInProgress		Date	MessagesProcessed	Error Messages	MessageInProgress											
Mar 19, 2020		1	0	0	Mar 3, 2020		1	1	0										
Mar 12, 2020		0	0	0	Mar 6, 2020		2	0	0										
Mar 8, 2020		4	0	0															
Mar 5, 2020		0	0	0															
Mar 3, 2020		0	0	0															

Click on the numbers link to see the messages failed/processed

Messages Processed OK Today Outbound Details									
Link Detail Events	EVENTDATE	EVENTTIME	PROTOCOL	EXCHANGENAME	FILENAME	MESSAGEFORMAT	FILESIZE		
g15637292725.1546787@b2b-server.lt	Mar 8, 2020	21:48:27	FILESYSTEM	PD_Is_PrimeGoods	ord_000000000KA.edi	X12	253		
g156372927834.1546826@b2b-server.lt	Mar 8, 2020	21:48:27	FILESYSTEM	PD_Is_PrimeGoods	pay_000000000KD.edi	X12	253		
Total	2 Protocols	2 Core Systems	2 Files				506 KB		

Related Events

EventDate	Status	Sender Name	Receiver Name	Direction	Protocol	Message Format	Message Type	Document Type	Description	Exchange
Mar 8, 2020	Succeeded			Inbound	FILESYSTEM				Consumed	TP_Is_Axme_in1 pickup
Mar 8, 2020	Succeeded	Prime Goods	Axme	Inbound	FILESYSTEM				Metadata processing completed	TP_Is_Axme_in1-pickup
Mar 8, 2020	Succeeded	Prime Goods	Axme	Inbound	FILESYSTEM	X12	820		Inbound X12 Interchange	TP_Is_Axme_in1 pickup
Mar 8, 2020	Succeeded	Prime Goods	Axme	Inbound	FILESYSTEM	X12	820		Inbound X12 Functional Group	TP_Is_Axme_in1 pickup
Mar 8, 2020	Succeeded	Prime Goods	Axme	Inbound	FILESYSTEM	X12	820		Inbound X12 Transaction Set	TP_Is_Axme_in1 pickup
Mar 8, 2020	Succeeded	Prime Goods	Axme	Inbound	INHOUSE				Outbound Inhouse Document	
Mar 8, 2020	Succeeded	Axme	Prime Goods	Outbound	X12		997		Created acknowledgement	
Mar 8, 2020	Succeeded	Axme	Prime Goods	Outbound	FILESYSTEM	X12	997		Ack Enveloping completed	PD_Is_PrimeGoods
Mar 8, 2020	Succeeded	Axme	Prime Goods	Outbound		X12	997		Document enveloped	
Mar 8, 2020	Succeeded	Axme	Axme	Inbound	FILESYSTEM	Binary			Delivered	AD_Is_Axme_de
Mar 8, 2020	Succeeded	Axme	Prime Goods	Outbound	FILESYSTEM	X12			Delivered	PD_Is_PrimeGoods

Click on the "Detail Events Link" to see all the Detailed Events for each record.

Click on the "Detail Events Link" to see all the Detailed Events for each record.