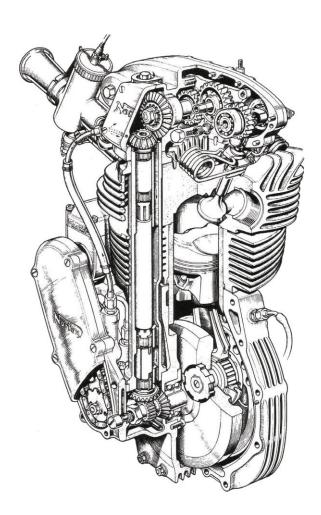
Argent Reporter



www.Argent.com

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Introduction

Argent Reporter is the reporting facility in Argent Omega. Argent Reporter uses RDLC (Report Definition Language Client) to generate reports by taking an RDL file designed with Microsoft Report Builder to generate RDLC files for reporting.

The most important aspect of Argent Reporter is that it can take data from any database – SQL Server, Oracle, etc. – there is no limit.

Moreover, the PowerShell script facility enables Argent Reporter to generate reports from <u>any data</u> <u>source</u> – flat files, Excel spreadsheets, web pages, etc. – there is no limit.

Logic in RDL (Report Definition Language) can optionally be used.

Argent Reporter also reports on critical aspects of Argent Omega, such as Cross-Reference, Outstanding Events, Performance Chart, System Events, and User Audit, etc. An array of these reports has been created for you.

Argent Reporter report output formats include:

- PDF
- Microsoft Word
- Microsoft Excel
- Image
- XML

Argent Reporter includes the Easy Automation feature to automatically generate reports at a scheduled time and deliver the reports to users' mailboxes.

Report Definition

	Refresh New Group				
Generator Settings Name	Last Changed Time (UTC)	Count	Description		
P Argent Omega	01 Jun 2022 05:28:57	1			
Argent Alert Mechanism	01 Jun 2022 05:28:57	19			
P Argent Forecaster Cross Reference	01 Jun 2022 05:28:57	8			
Argent SIEM-Complete	01 Jun 2022 05:28:57	17			
Security Miscellaneous	01 Jun 2022 05:28:57	1			
Network Scan Performance	01 Jun 2022 05:28:57	3			
Event Logs PowerShell	01 Jun 2022 05:28:57	1			
SuperMaps SLA	01 Jun 2022 05:28:57	1			
Topology Maps SQL Query	01 Jun 2022 05:28:57	3			
Argent Reporter Report Definition Alerts Compliance Cross Reference HIPAA Miscellaneous Performance PowerShell					

Argent Omega installs the most commonly used reports during setup:

Available report types include:

• Alert

Listing Argent Alert Mechanism Console Events and Archived Console Events.

Compliance Report

Listing Argent Compliance reports.

Cross Reference

Argent Omega Relator-centric cross-reference reports.

Custom Report

Report that is fully defined in RDL. Argent Reporter only provides an interface to define and report generating.

Performance Chart

Report the performance data saved in Argent Forecaster.

PowerShell Script Report

Report on data provided by custom logic defined in PowerShell.

• SQL Query Report

Report on SQL Query output.

• SLA Report

Report on SLA.

• SQL Server Jobs

Report on SQL Server Jobs of selected SQL Server machines:

■ ARGENT OME	GA (2.2A-2204-T1) Pre-Proc		r 着 Home	کې ک	<mark>رئ</mark> Logout
▼ 🐸 Generator Settings	Report Type:	Alert	•		<u>^</u>
 o^o Argent Omega o^o Argent Alert Mechanism 	RDL File Name:	Alert Compliance Report	Download RDL Export R	Report	
Ø ^o Argent Forecaster	Report Title:	Cross Reference			
of Argent SIEM-Complete	Orientation:	Custom Report		2	
 Security Metwork Scan Event Logs 	Argent Omega Toolsets: Data Source:	Performance Graph Performance Statistics Performance Top X	-	•	
🕨 🚟 SuperMaps	Use Time:	PowerShell Script Report	~		
🕨 🔚 Topology Maps	Events Status:	Outstanding			
Contacts	Show Less Detail:			¥	
🕶 🔚 Argent Reporter	Node Selection:	Apply Following Nodes		÷ 🖌 🗙	
🔻 🔛 Report Definition		Object Name	Object Type		
👻 🔚 Alerts		•	Node		
RPT_OUTSTANDING_EVENTS					
Cross Reference					
🕨 🚧 HIPAA					
Miscellaneous					
Performance					
PowerShell					
SLA	Date/Time Range:	Since Previous Date/Time Within Specified Date/	Time Range 🔵 Include All Available	e Data	
🕨 🚾 SQL Query	In Past:				
Report Group		24 🗘 Hours 👻			
Easy Automator	Use Coordinated Universal Time (UTC):				
🥖 Tag	Custom Date/Time Format:	Hel	p		
🎩 Knowledge Base	Use Advanced Settings:				
👰 Total Support Interface	Custom File Name:				

Report Common Fields include

• RDL File

Default RDL is provided for all types, except Custom Report. For Custom Report, browse the corresponding RDL file.

• Report Title

Report title text.

• Report Header

Not used, by default.

• Report Footer

Report footer text.

• Orientation

Portrait or Landscape.

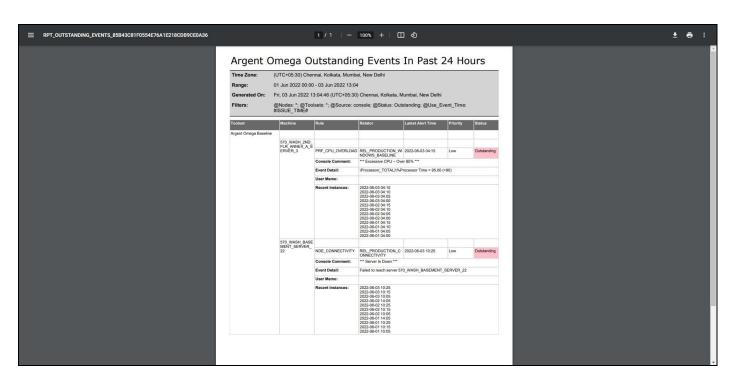
• Easy Automator

Define whether to generate report automatically.

Generating A Report - Run Report

Select Run Report on right click menu to display report:

	R2S
• of Argent Omega RDL File Name: (default) Choose A File Download RDL Export • of Argent SEM-Complete Orientation: (default) • (default) • (hoose A File Download RDL Export • of Argent SEM-Complete Orientation: (default) • (default) • (hoose A File Download RDL Export • of Argent SEM-Complete Orientation: (default) • (default) • (hoose A File • (default) • of Argent SEM-Complete Orientation: (default) • (default) • (hoose A File • (default) • of Argent SEM-Complete Orientation: (default) • (default) • (default) • (default) • of Argent SEM-Complete Orientation: (default) • (default) • (default) • (default) • of Argent Argent SEM-Complete Orientation: (default) • (default) • (default) • (default) • of Argent Argent SEM-Complete Orientation: (default) • (default) • (default) • (default) • (default) Argent Argent Reporter Orientation: (default) • (default) • (default) • (default) Orientation: (default) • (default) • (default) • (default) • (default) Orienta	^
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* Ør Argent ForeGaster Report Title: * Ør Argent SIEM-Complete Orientation: 0 3 un 2022 12:53:45 STARTED running report 'RPT_OUTSTANDING_EVENTS' 0 3 un 2022 12:53:45 Strakted On 0 3 un 2022 12:53:45 Strakted Vier 0 3 un 2022 12:54:00 Entitie 0 3 un 2022 12:54:00 Entitie 0 3 un 2022 12:54:00 Entitie 0 3 un 2022 12:54:00 Time Spert 0 3 un 2022 12:54:00 Time Spert <t< td=""><td></td></t<>	
V Argent Stater Complexe Orientation: 03 Jun 2022 12:33:45 Startle don	
C Security Argent Omega Too 0 Jun 2022 12:53:45 Request User Anytime-SupPoRT/Vijoy) Metwork Scan Data Source: 0 Jun 2022 12:53:45 Request User 03 Jun 2022 12:53:45 Request User) Event Lags Data Source:) SuperMaps Use Time: 0 Jun 2022 12:53:45 Request User 03 Jun 2022 12:53:45 Request User) Jun 2022 12:53:47 Request User 03 Jun 2022 12:53:47 Request User) SuperMaps Use Time: 0 Jun 2022 12:53:40 Request User 03 Jun 2022 12:53:40 Request User) Jun 2022 12:53:40 Request User 03 Jun 2022 12:53:40 Request User) Jun 2022 12:53:40 Request User 03 Jun 2022 12:53:40 Request User) Locations Show Less Detail:) Show Less Detail: 03 Jun 2022 12:54:00 Reporting Process completed with ext code: 0) Jun 2022 12:54:00 Reporting Process completed with ext code: 0) Jun 2022 12:54:00 Reporting Process completed with ext code: 0) Jun 2022 12:54:00 Reporting Process completed with ext code: 0) Jun 2022 12:54:00 Reporting Process completed with ext code: 0) Jun 2022 12:54:00 Reporting Process completed with ext code: 0) Jun 2022 12:54:00 Reporting Process completed with ext code: 0) Jun 2022 12:54:00 Reporting Process completed with ext code: 0) Jun 2022 12:54:00 Reporting Process completed with ext code: 0) Jun 2022 1	
• Network Scan 03 Jun 2022 12:53:45 SQL Connection String 03 Jun 2022 12:53:45 SQL Connection String • Event Logs 03 Jun 2022 12:53:46 SQL Connection String server=13:52020- 31 database=A0, 2205, 31; Ninted_Connection=True; • Topology Maps Use Time: 03 Jun 2022 12:53:46 SQL Connection String server=13:52020- 31 database=A0, 2205, 31; Ninted_Connection=True; • Topology Maps Event Status: 03 Jun 2022 12:53:46 SQL Connection String Status • Topology Maps Event Status: 03 Jun 2022 12:54:00 Rporting process completed with wet code; 0 03 Jun 2022 12:54:00 Rporting process completed with wet code; 0 • Contacts Show Less Detail: 03 Jun 2022 12:54:00 End Time 03 Jun 2022 12:54:00 End Time • Alerts Node Selection: 03 Jun 2022 12:54:00 End Time 03 Jun 2022 12:54:00 End Time • Alerts Node Selection: 03 Jun 2022 12:54:00 End Time 03 Jun 2022 12:54:00 End Time • Compliance Visit Report Definition Visit Report Definition Visit Report Definition	
image: Sevent Logs Use Time: 3;database=A0,220;3;firusd_connection=True; image: SuperMaps Use Time: 3;database=A0,220;3;firusd_connection=True; image: SuperMaps Use Time: 03 un 2022 12:53:48 Max Lookback Logs image: SuperMaps Events Status: 03 un 2022 12:53:48 Max Lookback Logs image: SuperMaps Events Status: 03 un 2022 12:53:48 Max Lookback Logs image: SuperMaps Events Status: 03 un 2022 12:54:00 End Time image: SuperMaps Show Less Detail: 03 un 2022 12:54:00 End Time image: SuperMaps Node Selection: Node Selection: image: Report Definition Node Selection: Image: SuperMaps image: Report Definition Show Less Detail: 03 un 2022 12:54:00 Time Spert image: Report Definition Show Less Detail: 03 un 2022 12:54:00 Time Spert image: Report Definition Image: Report Definition Image: Report Definition image: Report Definition Image: Report Definition Image: Report Definition image: Report Definition Image: Report Definition Image: Report Definition image: Report Definition Image: Report Definition Image: Report Definition image: Report Definition Image: Report Definition Image: Report Definition image: Report Definition Image: Report Definitio	
V Supernaps User Time: 03 Jun 2022 12:33:85 Successfully export report RPT_OUTSTANDING_EVENTS' to The line: V Topology Maps Events Status: 03 Jun 2022 12:33:85 Successfully export report RPT_OUTSTANDING_EVENTS' to The line: V Topology Maps Events Status: 03 Jun 2022 12:35:40 December June 2000:00:15 V Topology Maps Show Less Detail: 03 Jun 2022 12:54:00 End Time V Argent Reporter Node Selection: V Argent Reporter Node Selection: V Alerts Alerts Mergor OUTSTANDING_EVENTS User Status:	
• Topology Maps Events Status: RPT_OUTSTANDING_EVENTS • Locations Show Less Detail: 0 Jun 2022 12:54:00 End Time	
> In Locations 03 Jun 2022 12:54:00 End Time	
Contacts Mode Selection: Mode Selection: Appent Definition Appent Definition Appent Sense Compliance	
KPT_OUTSTANDING_EVENTS Main Compliance	
> 🖬 Compliance	
Image: Second	
> 📷 HIPAA	
> Miscellaneous	
> Seformance	
PowerShell	
Print Close	
bit SOLQuery Date/Time Range: Date	
In Past: 24 Hours	
P Easy Automator Use Coordinated Universal Time (UTC):	
✓ Tag Custom Date/Time Format; Help	
& Knowledge Base Use Advanced Settings:	
Total Support Interface Custom File Name:	



Alert Report

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▼ 🚾 Generator Settings	Report Type:	Alert							-
o ^o Argent Omega	RDL File Name:								
► 🕫 Argent Alert Mechanism	KDL File Name:	{default} Ch	ose A File Download RDL	Export Re	eport				
Ø ^o Argent Forecaster	Report Title:	Argent Omega Outstanding Events In Past 24 Hour	í.						
▶ 0 ⁰ Argent SIEM-Complete	Orientation:	Portrait Landscape							
2 Security	Argent Omega Toolsets:	*							
Network Scan									
Event Logs	Data Source:	Argent Alert Mechanism Console Archived E	vents						
SuperMaps	Use Time:	Latest Issue Time Alert Time Record T	me						
Topology Maps	Events Status:	Outstanding				-			
Locations	Show Less Detail:								
Contacts	Node Selection:								
👻 🔚 Argent Reporter	Node Selection:	Apply Following Nodes				/ ×			
👻 🔚 Report Definition		Object Name	Object Type						
▼ 🛀 Alerts			Node						
M RPT_OUTSTANDING_EVENTS	1								
Compliance									
Cross Reference									
🕨 🔛 HIPAA									
Miscellaneous									
Performance									
PowerShell									
SLA	Date/Time Range:	Since Previous Date/Time Within Specified	ato/Timo Rango		Data				
SQL Query			Jace/ Inne Kange	All Available	Data				
🕨 🔚 Report Group	In Past:	2 🗘 Days 👻							
🕨 🚟 Easy Automator	Use Coordinated Universal Time (UTC):								
🏉 Tag	Custom Date/Time Format:		Help						
🎩 Knowledge Base	Use Advanced Settings:	0							
Total Support Interface	Custom File Name:								-

Report specific fields, including:

Argent Omega Toolsets

'*' is used by default to include all.

• Data Source

Reports on Argent Alert Mechanism console or console archive.

• Use Time

Comparing time using Latest Issue Time, Alert Time or Record Time.

• Event Status

Can be combination of Outstanding, Answered or Resolved.

Show Less Detail

If checked, uses event short description instead of long description.

Node Selection

Server or Devices to report.

• Date/Time Range

Event time range.

• Use UTC

Report should display UTC time instead of local time if it is checked.

Cross-Reference Reports

Argent Reporter bundles quite a few useful cross-reference reports. Among the most used are **Node or Rule or Email or SMS** Cross Reference reports. It shows that each CMDB-X node is actively monitored by some Rules; email or SMS recipients should be notified when Rules are broken. It literally tells how the enterprise environment is monitored currently:

	GA (2.24-2204-T1) Pro-Pro					🚮 Home	🔅 Theme -	ে) Argent Instant help	? About	U Logout	R2S
Event Logs SuperMaps	Report Type:	Cross Reference		~							
▶ 🚧 Topology Maps	Cross Reference Type:	Relator List		-							
Locations	RDL File Name:	{default}		 Choose A File 	Download RDL	Export R	oport				
Contacts	Bernet This			Choose A file	Download RDE	Export is	epore				
→ Argent Reporter	Report Title:	Relator List Report									
▼ III Report Definition	Orientation:	Portrait Landscape									
Alerts Gompliance	Column Display:	Apply Following Custom	Settings		++	Hide All	Clear	Тоддіе			
Constance Cross Reference		Name	Hide	Remove HTML Tag	Column Header		Width (%)				
M RPT_RELATOR_LIST		RELATOR			Relator						
RPT_XREF_MGROUP_NODE		MONITORING_GROUP			Monitoring Group						
RPT_XREF_NODE_RULE_ALERTS		RULE			Rules						
RPT_XREF_RELATOR_ALERT		SCHEDULE			Schedule						
RPT_XREF_RELATOR_NODE		ALERT			Alerts						
M RPT_XREF_RELATOR_RULE		ALERT_BASE									
MPT_XREF_RELATOR_SCHEDULE		ALERT_ESCALATION									
RPT_XREF_RELATOR_SCHEDULE_EXCLUDE		ALERT_NOTIFICATION						-			
HIPAA	Argent Omega Toolsets:	Please Choose:						~			
Miscellaneous	Show Production Relator Only:										
Performance	Use Advanced Settings:										
PowerShell	Custom File Name:										
🕨 🔛 SLA	Easy Automator:										
SQL Query	Easy Automator:	Not Used		▼ Test							
Report Group	Description:										
🕨 🚾 Easy Automator	B Z U Format Block - Font	▼ T ▼ A ▼ ▲	- = = =	··· 🖬 🗄 🔚 🚥							I Screen
nag 🖉	This report list important components of Relator										
Knowledge Base											
Total Support Interface											

Report specific fields include:

• Column Display

It controls what columns should be displayed and how they are displayed.

• Argent Omega Toolsets

'*' is used by default to include all.

• Show Production Relator Only

It is checked by default.

Performance Chart

■ ARGENT OME	GA (2.2A-2204-TI) Brg-Pro-	Auction Version			Home	🔅 Theme -	(්) Argent Instant help	? About	ပုံ Logout	R2S
✓	Report Type:	Performance Graph								-
License (Admin Only)	RDL File Name:									
 Generator Settings 	RDL Flie Name:	{default}	 Choose A File Download F 	tDL Export Report						
 o^o Argent Omega 	Report Title:	Processor Usage								
of Argent Alert Mechanism of Argent Forecaster	Orientation:	Portrait Landscape								
or Argent SIEM-Complete	Performance Counter Selection:	Apply Following Counters		+ /	×					
2 Security		Object	Counter	Instance						
Network Scan		Processor	% Processor Time	_Total						
Event Logs				1	_					
SuperMaps										
Topology Maps										
Locations										
Contacts										
👻 🚧 Argent Reporter										
✓ Image: Contract of the second s										
Alerts	Show Metric Value:	Average Max Min La	ast Value							
Compliance	Use Aggregate Data Sets:									
Cross Reference	Show Series:	Server/Device	-							
▶ 📁 HIPAA										
Miscellaneous	Group Counters By Node:									
✓ Performance	Show Top Counters:									
AN RPT_CPU	Use Previous Value for Missing Data:									
RPT_KEY_PERFORMANCE	Resolution:	1 C Hours								
RPT_TOP_CPU	Data Range:	Specific	- C	100 🗘						
PowerShell	Value Title:			Let Me						
SLA	Node Selection:									
SQL Query		Apply Following Nodes		+ /	× .					
Report Group		Object Name	Object Type							
Easy Automator		&MG_WINDOWS	Monitoring Group							
🥖 Tag										
🤽 Knowledge Base										
Total Support Interface					-					

Performance Chart shows the performance data saved in Argent Forecaster:

Report specific columns include:

Node Selection

Server or Devices to report.

• Performance Counter Selection

Performance counters to report.

• Date/Time Range

Event time range.

• Show Metric Value

Average, Maximum, Minimum or Last value.

Use Aggregate Data Sets

Allows combining data from multiple tables if sharding is used in Data Set definition.

Group Counters By Node

One node on chart.

Limit Counters Per Chart

Spread counters over multiple charts.

• Show Top Counters

Show only top counters on chart.

- Use Previous Value For Missing Data Patch data if it is missing.
- Resolution

Data point resolution on chart.

Custom Date/Time Format

Time displayed on X-Axis. The defaults are yyyy-MM-dd or yyyy-MM-dd HH:mm:ss.

• Data Range

Custom data range is available.

• Value Title

Title for Y-Axis values.

• Show Series

In a line graph, each line represents a series of data changing with time. Each line will have an identifier to distinguish different series of data.

When **'Show Series'** is turned off, each line will be identified using full counter name in format of <u>\\machine\object</u> (instance)\counter

When graphing multiple nodes for the same metric, customer can consider enabling "**Show Series**" to shorten line identifier to show Server/Device name only.

When graphing multiple instances of the same metric of the same node, customer can consider enabling "**Show Series**" to shorten line identifier to show instance name only.

PowerShell Script Report

= ARGENT OME	GA (2.2A-2204-TI) BIG-BI						📅 Home	theme -	্রেণ) Argent Instant help	? About	U Logout	R2S
Base Definitions	Report Type:	PowerShell Script Report										-
Holidays	RDL File Name:	{default}										
- Administration				 Choose A File 	Download RDL Export	Report						
License (Admin Only)	Report Title:	Sample PS Report										
 Generator Settings 	Orientation:	Portrait Landscape										
 o^o Argent Omega o^o Argent Alert Mechanism 	PowerShell Script:	Properties Metho	te					Verify				
of Argent Arec Hechanish		1 \$PSPlayer.SetColumnValu		"NUC32")								
of Argent SIEM-Complete		2 SPSPlayer.SetColumnValu 3 SPSPlayer.SetColumnValu	e("LOCATIO	N", "BASEMENT")	*)							
2 Security		4 SPSPlayer.AddReportRow(iton, beveloper serv								
Network Scan		5 6 \$PSPlayer.SetColumnValu	e("NAME",	"NUC33")								
Event Logs		7 \$P\$Player.SetColumnValu 8 \$P\$Player.SetColumnValu	e("LOCATIO e("DESCRIP	N", "OFFICE") TION", "WebEx Workstat	ion")							
> SuperMaps		9 SPSPlayer.AddReportRow(10)									
Topology Maps		11 12										
Locations		12					•					
Contacts	Column Display:	Apply Following Custom Se	ttings				oggle					
💌 🚾 Argent Reporter		Name	Hide	Remove HTML Tag	Column Header	Width (%)						
✓ Meport Definition	The second se	NAME			Name							
Alerts		LOCATION			Location							
Compliance		DESCRIPTION			Description							
Cross Reference			-	-								
HIPAA												
Miscellaneous												
Performance												
MRPT_POWERSHELL_SAMPLE	Use Advanced Settings:											
▶ 🐸 SLA	Custom File Name:											
SQL Query	Easy Automator:	Not Used										
Report Group		Not Used		▼ Test								
Easy Automator	Description:											
🍼 Tag	B Z U Format Block ▼ Font										Ful	Screen
🎩 Knowledge Base	This report showcases how to use PowerShell so	ript to report non-SQL data.										
Total Support Interface												

Report-specific columns include:

PowerShell Script

Report logic.

• Column Display

Controls which columns should be displayed and how they are displayed.

Node Selection

Shows only if "\$PSPlayer.Nodes" is used in script.

• Date/Time Range

Shows only if "\$PSPlayer.StartTimeUtc" and/or "\$PSPlayer.EndTimeUtc" are used in script.

Argent Omega Toolsets

Shows only if "**\$P\$Player.Toolsets**" is used in script.

SQL Query Report

■ ARGENT OME	GA (2.24-2204-TI) Pre-Pro	duction Version					😭 Home	theme -	(⁰⁾ Argent Instant help	? About	U Logout	R2S
 Administration 	Report Type:	SQL Query Report		-								
License (Admin Only)	RDL File Name:											
🔻 🚾 Generator Settings		{default}		 Choose A File 	Download RDL Export Rep	port						
 o^o Argent Omega o^o Argent Alert Mechanism 	Database:	Argent Alert Mechanism		-								
of Argent Arect Precianism of Argent Forecaster	Report Title:	Alert Definition List Report										
of Argent SIEM-Complete	Orientation:	Portrait Landscape										
2 Security	SQL Query:	select name, description from a	ARGSOFT_	AAM_ALERT order by na	me			Verify				
Network Scan								venny				
Event Logs												
SuperMaps												
Topology Maps												
Locations												
Contacts												
🔻 🕍 Argent Reporter	SQL Query Type:	Query Stored Procedur	0									
✓	Column Display:											
Alerts	Column Display.	Apply Following Custom Set	ttings		🕈 🦊 Hide All	Clear Tog	gle					
Compliance	1	Name	Hide	Remove HTML Tag	Column Header	Width (%)						
Cross Reference		name			Name	35.00						
HIPAA		description			Description							
Miscellaneous												
Performance												
PowerShell												
▶ SLA												
SQL Query RPT_ALERT_LIST												
RPT_ALEKT_LIST												
RPT_USER_AUDIT_LOG	Use Advanced Settings:			-								
Report Group	Custom File Name:											
Easy Automator	Easy Automator:	Not Used		▼ Test								
Ø Tag	Description:											
🎩 Knowledge Base	B Z U Format Block → Font	▼ T ▼ A ▼ M ▼	= = =	고려 분분 편 야							Full	Screen
Total Support Interface	This report showcases how to report on SQL data.											

Report-specific columns include:

• SQL Query

SQL query to filter data for Report.

• SQL Query Type

Can be query or stored procedure.

• Column Display

Controls which columns should be displayed and how they are displayed.

Node Selection

Shows only if "#NODES" is used in query. The keyword in query would be replaced with string of "node_1," "node_2," "node_3"..."node_xxx."

• Date/Time Range

Shows only if any of "#START_TIME_UTC#," "#END_TIME_UTC#," "#START_TIME#," or "#END_TIME#" are used in query.

Argent Omega Toolsets

Shows only if "**#TOOLSETS#**" is used in query. The keyword in query would be replaced with string of "toolset_1," "toolset _2," "toolset _3"..." toolset _xxx."

SQL Job Report

This report is a special case report. Argent can provide such reports when SQL Query reports and PowerShell Script reports are difficult to implement for certain external data:

■ ARGENT OME	GA (2.2A-2204-TI) Pre-Pro-	Juction Version		A Home	🔅 Theme -	ে) Argent Instant help	? About	ن Logout	R2S
✓	Report Type:	SQL Server Jobs							ł
License (Admin Only)									
▼ Menerator Settings	RDL File Name:	{default}	Choose A File Download RDL Export Report						
▶ o ^o Argent Omega	Report Title:	Alert Definition List Report							
 o^o Argent Alert Mechanism 	Orientation:	Portrait Landscape							
 o^o Argent Forecaster 	Node Selection:								
 o^o Argent SIEM-Complete 		Apply Following Nodes		+ / ×					
2 Security		Object Name	Object Type						
Network Scan		&MG_WINDOWS	Monitoring Group						
Event Logs									
SuperMaps Image: SuperMaps Image: SuperMaps									
Locations									
Contacts									
Argent Reporter									
Argent Report Definition									
Alerts	·								
Compliance	Job Type:	Please Choose:							
Cross Reference	Use Advanced Settings:								
	Custom File Name:		7						
Miscellaneous	Easy Automator:	Not Used	Test						
Performance		not useu	lest						
PowerShell	Description:							-	
> III SLA	B Z U Format Block ▼ Font	+ fT + ▲ + ▲ + ■ ■ ■ ■						Full Sci	reen
- SQL Query	This report showcases how to report on SQL data.								
iii RPT_ALERT_LIST									
M RPT_SYSTEM_EVENTS									
RPT_USER_AUDIT_LOG									
Report Group									
Easy Automator									
Ø Tag									
Knowledge Base									
Total Support Interface									

The difficulty in reporting SQL Jobs is that data comes from multiple SQL Server machines. It is possible to implement to use SQL Query report. However, it would involve DBA jobs, like linking external SQL Server machines and allowing remote execution, etc. Sometimes, this is difficult for the customer.

Easy Automator

Easy Automator provides reporting automation. Easy Automator runs on schedule and delivers reports to users' mailboxes:

■ ARGENT OM	EGA (2.2A-2204-TI)		Home	theme -	ڑٹ) Argent Instant help	? About	U Logout	R4S
Base Definitions	Email Type:	AUTO						
Holidays	Email Reports to:	&RM_ADMINISTRATORS						
 Administration 		ant_administrators						
Ticense (Admin Only)	CC:							
👻 🔚 Generator Settings	Importance:	Not Specified 👻						
 o^o Argent Omega 	Subject:	Test of Easy Automator						
 o^o Argent Alert Mechanism 	Message Text:							
 o^o Argent Forecaster 	B Z U Format Block V Fo	nt • 1 • A • • • = = = = = = = = A					Full Scre	00
 o^o Argent SIEM-Complete Security 								
Security Network Scan	Test of Easy Au	Itomator						- 11
Event Logs								
SuperMaps								
Topology Maps								
Locations								
> Contacts								
✓ I Argent Reporter								
Report Definition	Append Timestamp to File Nar	ne:						
Alerts	Send As Attachments:							
Compliance	Include Runtime Detail:							
Cross Reference	Execution Time:	12:00:00						
HIPAA	Repeat Task:	11.00.00						
Miscellaneous								
Performance	Calendar:	Please Choose:						
PowerShell	Export Format:	PDF 👻						
SLA	Send As Single Message:							
SQL Query	Temporarily Disabled:							
Report Group	Description:							
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Definition fields include:

• Email Type

It can be Auto, SMTP, Exchange Web Service, and MAPI.

• Email Reports To

Email recipients.

• CC

Email CC.

• Importance

Message importance.

• Subject

Email subject.

Message Text

Email message.

Append Timestamp to File Name

This is useful in avoiding overwriting old report files.

• Send As Attachment

Report can be either sent as an email attachment or a download link in the email body.

• Include Runtime Detail

Add runtime detail at the end of the message. This is useful for debugging.

• Execution Time

Time at which the report runs.

Repeat Task

Set as repetition, such as sending report once per hour.

• Calendar

Determines the date for sending the report.

• Export Format

It can be PDF, Word, Excel or Image.

Custom RDL

Half of Argent Reporter's power comes from the sophisticated report designing tool – **Microsoft Report Builder, which** is free to download and use.

Argent Reporter provides the "Download Report Builder" menu option on the report definition screen:

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Base Definitions	Report Type:	Alert	•						ŕ
 Holidays Administration 	RDL File Name:	{default}	ile Download RDL Export Report						
👎 License (Admin Only)	Report Title:	Argent Omega Outstanding Events In Past 24 Hours			1				
🔻 🔚 Generator Settings	Orientation:	Portrait Candscape			-				
 o^o Argent Omega 	Argent Omega Toolsets:								
of Argent Alert Mechanism	Data Source:			9. 1					
 o^o Argent Forecaster o^o Argent SIEM-Complete 		Argent Alert Mechanism Console Archived Events							
2 Security	Use Time:	Latest Issue Time Alert Time Record Time							
Interview Scan	Events Status:	Outstanding				Add New Save			
Event Logs	Show Less Detail:								
SuperMaps	Node Selection:	Apply Following Nodes		+ / ×		Delete			
▶ 🔤 Topology Maps			1			Сору			
Locations		Object Name	Object Type			Rename			
Contacts			Node		-		-		
🔻 🔛 Argent Reporter						Run Report			
👻 🚧 Report Definition									
✓ Alerts						Test Easy Automator			
M RPT_OUTSTANDING_EVENTS							-		
Compliance						Delete Custom RDL			
Cross Reference						Download Report Template			
 HIPAA Miscellaneous 	Date/Time Range:	Since Previous Date/Time Within Specified Date/Ti	ne Range 🦳 Include All Available Data		-	Download Report Template	_		
Performance	In Past:	2 Days			Г	Download Report Builder 3.0	D		
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Report Group	Use Advanced Settings:								
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The actual download link is <u>https://www.microsoft.com/en-us/download/details.aspx?id=42301</u>

Microsoft® SQL Server® 2014 Report Builder	
Important! Selecting a language below will dynamically change the con	aplate page content to that language
importanti selecting a language below will dynamically change the con	ipiete page content to that language.
Select Language: English	✓ Download
Report Builder provides a productive report-author	ring environment for IT professionals
and power users. It supports the full capabilities of	
\sim	
Details	
Version:	Date Published:
12.0.2000.8	3/31/2014
File Nemer	
File Name: ENU\x86\ReportBuilder3.msi	File Size: 20.9 MB
Ento (xoo (heportbuilders.inst	20.5 100
Report Builder provides a productive report-authoring environment for provides a stand-alone installer for Report Builder.	IT professionals and power users. The download
Report Builder provides data visualizations that include charts, maps, sp.	arklines, and data bars that can help produce new
insights well beyond what can be achieved with standard tables and cha datasets. Publish report parts, and then browse the Report Part Gallery t	arts. Use Report Builder to create reports and shared
creating new reports quickly with a "grab and go" experience.	o reuse existing report parts as building blocks for
System Requirements	
System requirements	
Supported Operating System	
Windows 7, Windows 7 Service Pack 1, Windows 8, Windows 8.1, Windo Server 2012 R2	ws Server 2008 R2 SP1, Windows Server 2012, Windows
Note: This component also requires Microsoft .NET Framework 4.5.	
 80 MB of available hard disk space 	
 512 MB of RAM 	

After installing Report Builder, user can now customize the built-in report RDL or define his own RDL for Custom Report.

If user wants only to do minor changes such as adding company logo, changing font size, etc., it is better to download the built-in RDL first. To do so, click on the button '**Download RDL**'.

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Cross Reference									
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Miscellaneous Performance	In Past:								
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> SQL Query	Custom Date/Time Format:	Help							
Report Group	Use Advanced Settings:								
Easy Automator	Custom File Name:								
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Double Click on the downloaded RDL file; Report Builder should open for editing:

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	Footer Goes Here «Expn	
	Row Groups Column Groups -	
	[SERVER	Created by: Created:
		Modified by: Modified:
		Server path: Description:
No current report server. Connect		•

If you need to define a new RDL for Custom Report, to maintain report consistency, download Template RDL:

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Base Definitions	Report Type:	Alert						i i i i i i i i i i i i i i i i i i i
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Administration License (Admin Only)								
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OP Argent Forecaster	Data Source:	Argent Alert Mechanism Console Archived Events						
► of Argent SIEM-Complete	Use Time:	Latest Issue Time Alert Time Record Time						
2 Security	Events Status:							
Network Scan		Outstanding	•					
Event Logs	Show Less Detail:	•		Add	New			
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Miscellaneous	Date/Time Range:	Since Previous Date/Time		Dele	ete Custom RDL			
Performance	In Past:	2 🗘 Days 👻		Dov	vnload Report Template			
▶ 📁 PowerShell	Use Coordinated Universal Time (UTC):							
▶ 🐸 SLA	Custom Date/Time Format:	Heip		Dov	vnload Report Builder 3.0			
🕨 🐸 SQL Query	2							
🕨 🔚 Report Group	Use Advanced Settings:							
Easy Automator	Custom File Name:							
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🎩 Knowledge Base	Description:							
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To select a user RDL, click on button 'Choose A File' to upload RDL:

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Base Definitions	Report Type:	Alert						
Holidays dministration	RDL File Name:	{default} Choose A File Download RDL Expo	ort Report					
cense (Admin Only)	Report Title:	Argent Omega Outstanding Events In Past 24 Hours						
nerator Settings	Orientation:	Portrait Landscape						
rgent Omega	Argent Omega Toolsets:	Canascape						
argent Alert Mechanism		•	*					
Argent Forecaster	Data Source:	Argent Alert Mechanism Console						
rgent SIEM-Complete	Use Time:	Latest Issue Time Alert Time Record Time						
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teport Definition								
Alerts								
RPT_OUTSTANDING_EVENTS								
Compliance								
Cross Reference								
HIPAA								
Miscellaneous	Date/Time Range:	Since Previous Date/Time Within Specified Date/Time Range Include All Avail	lable Data					
Performance	In Past:	2 🗘 Days 👻						
PowerShell	Use Coordinated Universal Time (UTC):							
SLA	Custom Date/Time Format:	Help						
SQL Query	Use Advanced Settings:							
Report Group	Custom File Name:							
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nowledge base otal Support Interface	Description:							

While Report Builder is very powerful, it was created to report on SQL Server data. In other words, you must have a working SQL Server machine. SQL Server is used as a "crutch," after RDL file is defined, it can be used in Argent Reporter without talking to the SQL Server ever again.

This is usually true when doing PowerShell Script report on non-SQL data. How to do it?

Step 1: Define a new PowerShell Script report.

Step 2: Click on 'Verify' button to make sure PowerShell Script generates data:

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Base Definitions	Report Type:	PowerShell Script Report										
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Administration	KDL File Name:	{default}		▼ Choose A File	Download RDL Expo	ort Report						
License (Admin Only)	Report Title:	Sample PS Report										
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twork Scan		5 6 \$PSPlayer.SetColum	Value("NAME",	"NUC33")								
ent Logs		7 \$P\$Player.SetColum 8 \$P\$Player.SetColum	Value("LOCATIO	N", "OFFICE")	ion")							
perMaps		9 \$P\$Player.AddReport			2011 /							
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SQL Query	Easy Automator:	Not Used										
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owledge Base	This report showcases how to use Powe	rShell script to report non-SQL data.										
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Step 3: Download XML data:

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Base Definitions Holidays	Report Type:	PowerShell Script Report		-	1								
Administration	RDL File Name:	{default}		 Choose A File 	Download RDL	Export Repo	t						
License (Admin Only)	Report Title:	Sample PS Report				Export to PD							
Generator Settings	Orientation:	Portrait Landscap				Export to Ex	el						
o ^o Argent Omega		Portrait Landscap	e			Export to Mis	rosoft Word						
o ^o Argent Alert Mechanism	PowerShell Script:	Properties M	lethods			Export to Im	age		Verify				
P Argent Forecaster		1 SPSPlayer.SetColum 2 SPSPlayer.SetColum	Value("NAME", "	NUC32")		Download Da	ita as XML						
P Argent SIEM-Complete		3 \$PSPlayer.SetColum	NValue("DESCRIPT		ver")			_					
Security		4 \$P5Player.AddReport											
Network Scan		6 \$PSPlayer.SetColum 7 \$PSPlayer.SetColum	value("LOCATION	", "OFFICE")									
Event Logs		8 \$P\$Player.SetColum 9 \$P\$Player.AddReport	nValue("DESCRIPT	ION", "WebEx Worksta	tion")								
SuperMaps		10 11											
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ontacts		Apply Following Custo	m Settings			Hide All	Clear	loggle					
rgent Reporter		Name		Remove HTML Tag			Width (%)						
Report Definition		NAME			Name								
Alerts		LOCATION			Location								
Compliance		DESCRIPTION			Description								
Cross Reference													
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Miscellaneous													
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Knowledge Base	This report showcases how to use Power	Shell script to report non-SQL data.											
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Step 4: Import XML data to create SQL table. Run

C:\Argent\ArgentOmega\ ArgentReporterSampleXml.exe xml_data_file_path

Step 5: Now, user has a new SQL table matching the report name in the Argent Omega database. Assuming Argent Omega uses SQL Server as backend, user can start designing reports using the newly created SQL table.