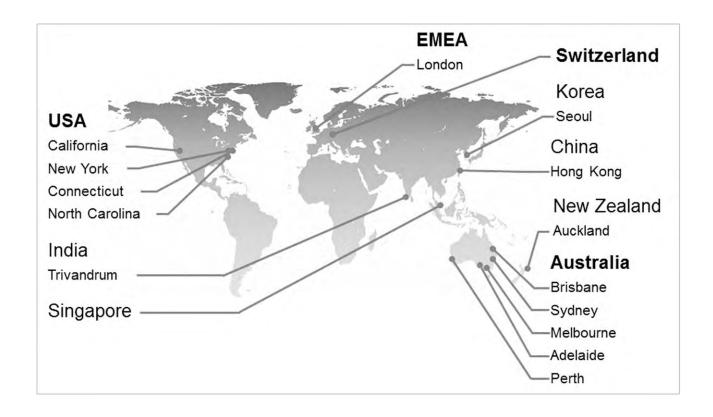
## **Argent Product Portfolio**



### Instant Support Anytime Anywhere



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### **Argent Job Scheduler**

The days of manually scheduling and managing batch processes are over. Business process automation lowers overall IT costs, ensures application efficiency, enhances IT service and assists with compliance requirements. Argent Job Scheduler and Argent Queue Engine automate business processes, alert customers via Argent Console when issues occur, and provide Service Level Agreements so that management receives the Business View of IT. Argent Job Scheduler provides a single point of control across all operating systems, applications and databases for Windows, Linux, Solaris, HP-UX, AIX, SCO, and iSeries Servers.

Business process automation is simplified with Argent Job Scheduler and Argent Queue Engine. Installation requires no reboot. Argent Job Scheduler has a comprehensive feature set, including complete forecasting, auditing, calendaring, and failover, as well as job and file dependency support.

#### World View Web Interface

Argent World View is a Web 2.0 interface for Argent Job Scheduler.

Argent World View integrates Argent Job Scheduler GUI and the Queue Engine functionalities into a single pane of glass.

Once installed, Argent World View can be browsed from anywhere, as long as sufficient security and access rights are provided.

### **Centralized Job Scheduling**

From a central scheduling server, Argent Job Scheduler can submit jobs to an unlimited number of servers where the batch jobs actually execute. All jobs on all servers regardless of platform can be viewed on the central console, which is also webenabled. Any user - with the appropriate rights - on any workstation or server can view the central job scheduling console. With the powerful filtering capabilities, administrators, operators, and users can quickly and easily obtain customized views of their own jobs. From a central client GUI, jobs can be submitted to an unlimited number of Argent Queue Engine Servers including Windows, Linux, Unix, iSeries and other platforms where the batch jobs actually execute.

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### **Queue Priorities: Critical Work Runs First**

Up to 256 batch queues can be defined on a server where batch jobs execute. Each queue can have its own execution priority - customers can define one queue for high-priority jobs, another queue for intermediate priority jobs, and a third queue for low-priority jobs. Thus, all jobs in the high-priority queue get CPU resources before all jobs in the other two queues. Each batch queue can run almost 33,000 jobs.

### **Argent Exploits SMP Architecture**

Individual queues can be associated with specific processors in an SMP environment. For example, on an 8-way server, CPU-7 can be associated with a queue and the jobs in that queue will only use that processor. This facility enables effective performance of true load balancing, and makes the most of expensive and powerful SMP Servers.

### **Complete Work Load Balancing**

Argent Job Scheduler provides complete server load balancing, whereby a job can be submitted to the server that currently has the lowest CPU load. This enables the most efficient use of hardware resources. Once defined, this load balancing is automatic and requires no manual intervention.

### **Total Job Dependency Support**

Argent Job Scheduler provides full job dependency support so that complex job streams are easily created and managed. Automatic job failure retry permits job streams to restart without manual intervention.

### **Total File And ODBC Dependency Support**

File dependency support enables a job to automatically start executing only after all the files required are present on one or more servers. Argent Job Scheduler also has full file dependency support for files located on FTP sites.

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### **Uniquely Powerful Calendaring**

Some businesses may start the fiscal year on July 1st while the U.S. federal government starts its fiscal year on October 1st. Employees may get paid biweekly or on a monthly basis. Regardless of the calendar, Argent Job Scheduler is easily customized to meet specific needs. Argent Job Scheduler is delivered with a number of pre-built calendars that can be customized to meet exact requirements. Creating calendars based upon fiscal years, manufacturing cycles, payroll periods, etc. allows customers the freedom to truly customize the product to best suit individual organizations.

#### Alerts You When Jobs Fail

Argent Job Scheduler in conjunction with Argent Console has extensive alerting facilities so the appropriate parties can be alerted when jobs fail. Alerts can be issued via email, alphanumeric pager, SMS, pop-ups, and beeper. Argent Job Scheduler also provides the ability to automatically resubmit failed jobs. Argent Job Scheduler is tightly integrated with Argent Console, resulting in customers benefiting from all the advanced console and alert escalation features of Argent Console when jobs fail.

### **Full Redundancy**

An unlimited number of backup servers can be defined for Argent Job Scheduler so that if the primary job scheduling server fails or it loses its network connection, job scheduling continues on a backup server. Once defined, the failover process is automatic. Once the primary scheduling server is operational again, all processing reverts back to the primary server.

### Reporting

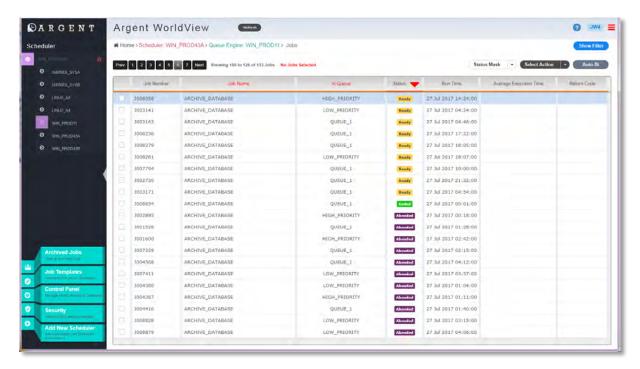
Argent Job Scheduler has a full set of reports, enabling Operations Managers to create reports that run on a daily, weekly, monthly, or on an ad-hoc basis. In addition, projected load reports are also available that enable seeing the CPU and other resources needed to run the day's jobs.

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### **Uniquely Powerful Simulation**

Argent Job Scheduler's job simulation feature allows the quick simulation of when and how often jobs will run over a period of time. A simulation of a large block of time, such as a full day, can be performed in just seconds because the computer's time is rapidly incremented.





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### **Argent Guardian Ultra**

Argent Guardian Ultra is the world's most scalable monitoring solution for all Windows, Linux, UNIX (AIX, HP-UX, SCO, Solaris), and iSeries Servers. Using a patented agent-optional architecture, Argent Guardian Ultra monitors servers with or without installing agents, providing the power and flexibility to define the monitoring architecture to match customers' exact needs.

Argent Guardian Ultra monitors the health and performance of servers and when issues arise, alerts are executed via Argent Console. Argent Console can be viewed using both a traditional GUI interface, as well as a web-based interface. Over a dozen different types of alerts can be executed using Argent Console, such as alphanumeric paging, email, and SMS. Argent also can take corrective measures, such as restarting stopped or stalled services and even rebooting servers. As a result, IT personnel are notified and issues are addressed automatically before end users even know problems exist. Argent makes SLA commitments easy to meet.

Find out why more than 2,000 organizations worldwide rely on Argent to enhance the reliability and performance of their enterprise.

### **Agent-Optional Architecture**

Using a unique and patented agent-optional architecture, Argent Guardian Ultra is the leading solution for monitoring all aspects of the enterprise from a central console. Argent Guardian Ultra supports all Windows, Linux, Unix and iSeries systems. The product is delivered with powerful, pre-defined Rule Sets containing over 10,000 Rules and pre-defined reports enabling customers to immediately maximize the reliability of production servers and applications through the automatic detection and correction of problems and issues. For example, Service Level Agreement reports can be generated each day and then automatically emailed to management.

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### **Lower Support Costs And Increased Reliability**

Argent Guardian Ultra decreases the Total Cost of Ownership (TCO) while at the same time increasing the reliability of production servers, all from a central console that can be viewed using both a traditional GUI interface, as well as a web-based interface. Over 10,000 pre-defined Rules enable customers to effectively and comprehensively monitor all production servers within two hours of installation.

### Flexible Architecture: Scales To Meet Requirements

Only Argent supports a number of different monitoring architectures. Install Argent Guardian Ultra on a single server and, in a matter of minutes, monitor all the servers in the enterprise. For larger organizations, install Regional Agents for greater flexibility. For customers with unique needs, Argent Guardian Ultra supports both remote (agentless) and agent-based monitoring in the same domain. As a result, whether there are 10 servers or 10,000 servers, Argent Guardian Ultra is the ideal solution.

Argent is the choice of four of the five largest law firms on the world.

### **Unique n-Tier Architecture**

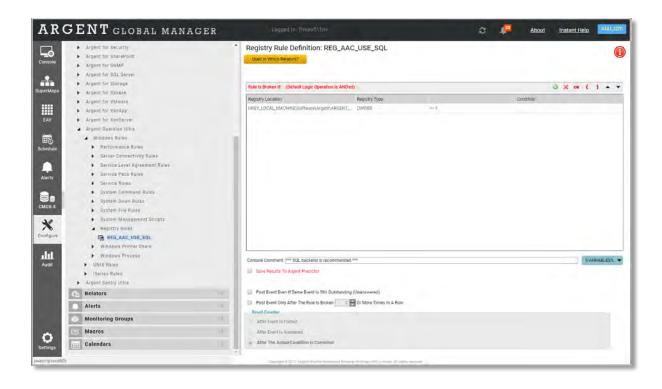
No other product has Argent Guardian Ultra's true n-tier architecture. Monitoring Groups and SuperConsoles can easily be created to group servers along business lines, geographic location, or server type; the possibilities are unlimited.

Only Argent Console enables customers to view all outstanding alerts from all Monitoring Groups worldwide on a central console as well as issue alerts when problems arise. For example, servers can be grouped by type - all SQL Servers in one monitoring environment, all Exchange Servers in another, all IIS Servers in another, and so on and yet still view them all on the same console.

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#### **A Total Solution**

Argent Guardian Ultra is a complete and integrated solution. Unlike other vendors who sell separate consoles and GUIs, Argent Guardian Ultra provides everything needed to completely monitor the enterprise at one cost-effective price. Argent Guardian Ultra integrates with help desk solutions, such as Remedy, as well as all common hardware monitors, such as Dell OpenManage and IBM Director.



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### **Argent for Active Directory**

Argent for Active Directory is more than just a monitoring solution -- like all Argent products, <u>Argent for Active Directory is a complete automation solution</u>, automating all the essential but labor-intensive chores that all customers must perform to ensure Active Directory runs smoothly.

With all the layoffs, there are fewer people to do more work - this is why Argent's unique <u>Instant Best Practices</u> is essential - who has the time to read White Papers?

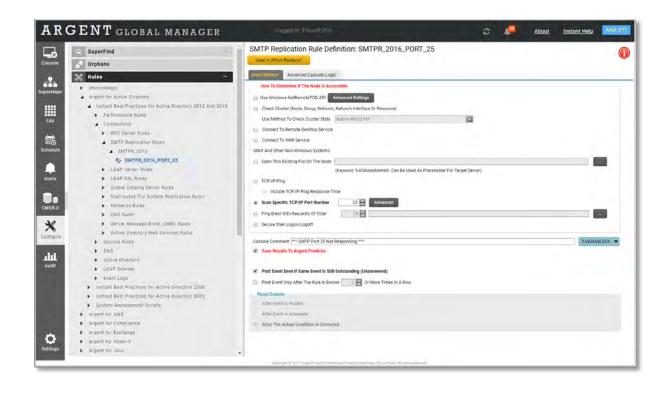
The most significant aspect of Argent for Active Directory product is the use of a number of different approaches to monitoring Active Directory: PowerShell, WMI, and classic Windows APIs are all used in different parts of the product. Think of Argent for Active Directory as four or five discrete products all integrated into one superproduct.

#### **Details**

Argent for Active Directory monitors and reports on Active Directory baselines, such as DNS, LDAP response times, file replication, trusts and authentication.

Argent for Active Directory comes with pre-defined SLA reports that can be automatically emailed every morning to show the actual health and performance of Active Directory.

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## **Argent for AWS**

AWS is new, AWS is exciting, and AWS is grossly undermanaged.

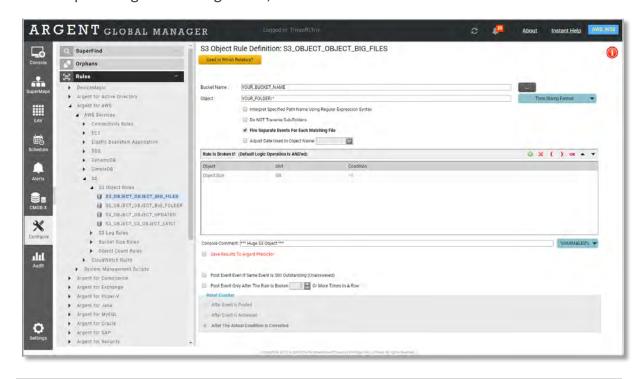
While Amazon has done a superb job, an independent, agnostic, and even-handed outside auditor and monitor is essential for all production AWS implementation.

This is precisely what the new Argent for AWS provides.

AWS is growing by the day, and it is getting more and more difficult to have a global view of your entire AWS environment.

Argent for AWS provides the following baseline facilities:

- Ability To Monitor All Aspects Exposed By AWS Console And AWS SDK
- Integration With Argent Console, The World's Leading Alerting Console
- Integration With Argent Predictor For Long-Term Trend Analysis (Not Just 14 Days)
- Capable Of Native Monitoring of Windows And Linux Applications
- Comprehensive S3 Monitoring
- Complete Log Monitoring On S3, EBS Volume Or EC2 Instance Store Volume



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### **Argent Console**

Argent Console is the world's leading alerting console.

With Argent Console, Alerts can be consolidated from customer applications, third-party products, as well as from all Argent products.

All Alerts and alarms from customer applications and third-party products can be consolidated using Argent's powerful ActiveX and XML interfaces. Any number of third party packages can send Alerts directly to the console as well.

Argent Console is the perfect solution for a customer's central console. Argent Console allows tracking of and creates Alerts about all events as they occur on the network.

### **Enterprise Application View**

What Argent provides today is an Enterprise View of Customer's critical applications. Rather than just monitoring the CPU load in isolation, Argent integrates this single metric into a custom weighted scheme.

For example, take an Exchange 2007 environment running on four servers.

If one server fails, then Argent reports the Exchange environment has been degraded by 25% and sends out one set of Argent Alerts.

If two servers fail, Argent Enterprise View reports a 50% degradation and sends out additional Argent Alerts.

If three servers fail, then Argent Enterprise View will report a 75% degradation and sends out additional Argent Alerts.

Customers can adjust the parameters to meet their needs. The impact of a single event can be entirely different than that of multiple events.

Argent Enterprise View looks at all of the application's critical components. It does not matter if the various components are distributed throughout the world.

Argent monitors all aspects of your critical applications.

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### **Unprecedented SNMP Support**

Argent Console provides a new level of support to receive alarms and Alerts from any SNMP device and record it on the central Argent Console.

### **Unlimited Alerting And Alert Escalation**

Argent Console has long been known for its powerful array of Alerts such as Email Alerts, Alphanumeric Pager Alerts, Network Message Alerts, SMS Alerts, SQL Alerts (that fire customer created SQL scripts as an Alert), and Service Alerts (to stop and restart Windows Services).

These Alerts can be used with pre-existing applications -- the alarm is simply sent to Argent Console, the customer specifies which alert is to be fired and Argent does the rest.

Escalating Alerts allow customers the ability to specify a detailed alerting sequence for any particular issue. For instance, if employee X is alerted via email and does not respond, then employee Z will be alerted via pager, etc. Customers have complete control over escalation details including who will be notified and how the alert will be sent.

#### Ease Of Use

The Total Support Interface, part of Argent Console, enables the sending of any customized Alerts directly to the console.

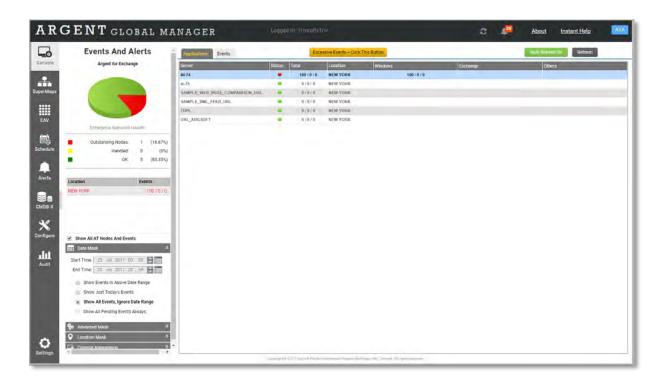
Because of the universal nature of Argent Console, the ActiveX interface allows the sending of alarms and Alerts from literally any language, from PERL to Visual Basic, to C++.

The Total Support Interface provides complete code samples, technical notes, and engineering notes and an SDK.

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### **Automation**

Argent introduces a powerful new automatic report distribution facility to allow receipt of specific reports that are considered important to the customer. Reports can be scheduled of the customer's top-10 issues or weekly reports of the top-10 problematic servers. And of course, the revolutionary Argent calendaring features, popular in Argent AT and Argent Job Scheduler, are fully supported.



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### Argent for Exchange

Argent for Exchange is more than just a monitoring solution -- like all Argent products, Argent for Exchange is a complete automation solution, automating all the essential but labor-intensive chores that all customers must perform to ensure Exchange runs smoothly.

With all the layoffs, there are fewer people to do more work - this is why Argent's unique <u>Instant Best Practices</u> is essential - who has the time to read White Papers?

The most significant aspect of Argent for Exchange is the use of a number of different approaches to monitoring Exchange: PowerShell, Exchange Management Shell, WMI, and classic Windows APIs are all used in different parts of the product. Think of Argent for Exchange as four or five discrete products all integrated into one super-product.

#### **Details**

Exchange 2016 and below are fully supported -- Argent for Exchange is tightly integrated with the Exchange Management Shell, and it can automate all the Exchange administration work. Also, any future Microsoft update on Exchange can easily be added.

.NET environments are also fully supported by incorporating a powerful Argent PowerShell engine. Any custom Exchange script, either PowerShell or WMI, can easily be added.

Product configuration is greatly simplified. No need to explicitly configure customer profiles, etc. Argent for Exchange also takes advantage of the auto-discover function in Exchange without tying to an explicit Exchange Client Access Server. In contrast, in other products, customers may need to configure customer profiles, which are customer-specific and confusing, when the logon the customer uses is different from the monitoring service account.

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With Argent for Exchange, customers can now monitor Exchange from the viewpoint of an end user - the product supports the complete set of client-access protocols used in Exchange, namely:

- Round Trip Test
- MAPI interface, which is the default Exchange protocol for Outlook
- Outlook Anywhere, which is the mobile Exchange protocol for Outlook
- Outlook Web Access (OWA)
- Outlook Web Services

With Argent for Exchange, customers can now monitor Exchange server baselines including DNS, Active Directory, Service Health, System Health, and System Messages.

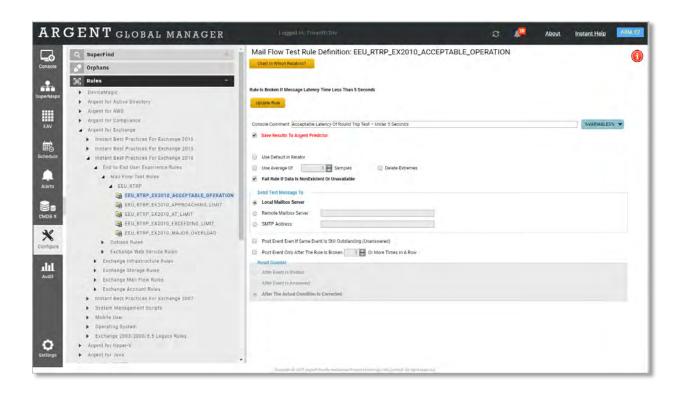
With Argent for Exchange, customers can now monitor Exchange server infrastructure, especially the Transport functionalities.

With Argent for Exchange, customers can monitor Exchange mailbox servers as a whole, as well as the individual mailbox. The information is guaranteed to be consistent with the data reported by Exchange management tools.

With Argent for Exchange, customers can now monitor mail flow by directly analyzing the message tracking log. Argent for Exchange detects bad mail as well as providing statistics on traffic of individual account.

With Argent for Exchange, customers can still monitor legacy Exchange 2003/Exchange 2000/Exchange 5.5 systems through custom WMI rules, legacy protocol rules and legacy MAPI rules. This can help with a smooth migration process.

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### **Argent for Java**

Designed and architected by technology visionary James Gosling in the mid-1990s, Java is a very popular programming language that has been adopted by many software developers. Programs written in Java are used today on millions of devices worldwide.

Java is the buzzword today everywhere.

Google's Android phones are a key factor and, as Android dominates the smartphone industry, Java is increasingly used in home appliances like televisions, refrigerators, dishwashers, and security systems. Java is an important technology driving the explosive growth of the Internet, especially smart devices and the 'Internet of Things'. Keep counting the number of computers and devices that use Java as the list is growing day by day.

Java's rapid adoption and growth cannot be attributed only to Android. Java can be easily ported to a wide variety of operating systems and platforms. Java can be used in Web applications, mobile apps, and complex user interface (UI) programs. Java can be used to integrate divergent legacy applications in extract-transfer-load (ETL) scenarios.

With so many Java programs all around us, it is important to manage and monitor existing and emerging Java-based applications.

### What is Argent for Java?

Argent for Java is a comprehensive tracking, monitoring, and management solution focused on Java-based applications across your enterprise.

Argent for Java provides a rule-based monitoring engine that collects statistics and metrics about your Java applications and reports and generates alerts for exception conditions.

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### Why Argent for Java?

Although Java has been ported and migrated to many operating systems and platforms, the language and run-time performance is rarely optimized for each particular platform. Independent Software Providers (ISPs) and IT departments are often most concerned about delivering application features and functionality as a priority ahead of performance and reliability.

The performance and reliability of Java-based applications vary widely and are not consistent. A Java application developed for a UNIX platform may perform poorly on a Windows platform (and vice versa).

Tracking, monitoring, and managing your Java-based applications' performance and resource utilization is critically important, especially in non-stop environments such as customer-facing website applications.

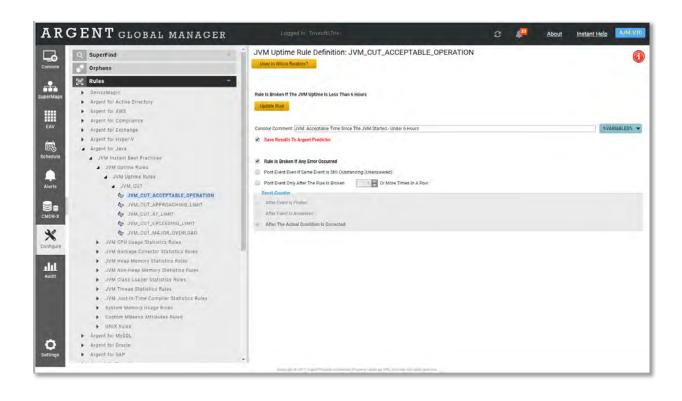
Monitoring CPU and memory utilization can provide useful information but does not help you relate that information to your Java applications.

Argent for Java makes monitoring and managing your Java applications both easy and efficient. With Argent for Java you can forget about memory leaks, deadlocked and blocked threads, CPU overload, and more.

Argent for Java helps ensure your Java-based applications perform smoothly and reliably across your entire enterprise.

Argent for Java screens both JVMs and base servers via Java Management Extensions (JMX) technology.

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### **Argent for SAP**

SAP runs your business; Argent for SAP ensures your SAP runs flawlessly.

Argent monitors your SAP landscape in real time, ensuring critical business functions never slow down, or worse, stop.

Argent <u>simplifies</u> monitoring the complex SAP environment and helps administrators troubleshoot issues before they become critical.

Argent for SAP installs in under 10 minutes, but has more power than any product on the market.

### Out of the box Argent monitors all the following:

- SAP Process and Host Agent
- ABAP Work Processes
- Internet Communication Manager (ICM)
- Trace and System Log Information
- SAP Alerts
- Queue Statistics
- Access Points
- Enqueue Locks and Server Statistics

### **SAP Process and Host Agent**

Out of the box, Argent monitors the running status of all critical SAP processes and host agents such as 'Redundant ABAP instance', 'Enqueue separation', etc.

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### **ABAP Work Processes**

Argent monitors all critical SAP Work Processes, out of the box:

- DIA Dialog Process
- UPD Update V1 Process
- UP2 Update V2 Process
- ENQ Enqueue Process
- BTC Background/Batch Process
- SPO Spool Process

### **Internet Communication Manager**

The status of WATCHDOG, SIGNAL, and Worker Threads Count of Internet Communication Manager are monitored, out of the box.

### **Trace and System Log Information**

TCode, Client Name, Log Type, Log Text and Log Severity of system log, and developer trace log for any period are monitored, out of the box.

#### **SAP Alerts**

Argent monitors the Object, Attribute, Alert, Severity, and text of Open Alerts, <u>out of</u> the box.

### **Queue Statistics**

The Waiting Requests Count, Write Count, and Read Count of dispatcher queue statistics are monitored, <u>out of the box</u>. Access Points Argent for SAP monitors the activity of Access Points, out of the box.

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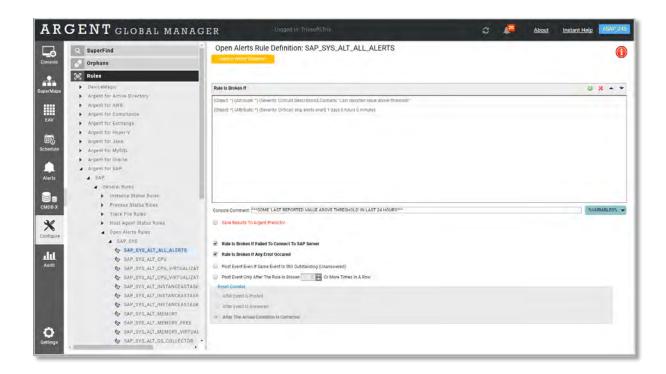
### **Enqueue Locks**

Argent monitors Enqueue Lock Count Value for the following parameters, as well as excessive lock counts, <u>out of the box</u>:

- Shared Lock
- Exclusive Lock
- Optimistic Lock
- Exclusive but not Cumulative Lock

### **Enqueue Server Statistics**

Argent monitors Request Count Values including Enqueue Request, Dequeue Request, and Enqueue Reject, <u>out of the box</u>.



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### Argent for SharePoint

All SharePoint environments need complete automation and Instant Best Practices.

With all the layoffs, there are fewer people to do more work - this is why Argent's unique **Instant Best Practices** is essential - who has the time to read White Papers?

Keep your worldwide SharePoint environment running smoothly with Argent for SharePoint - Instant Best Practices, Automation, Crystal Reports, Management, and Monitoring all in one fully-integrated solution.

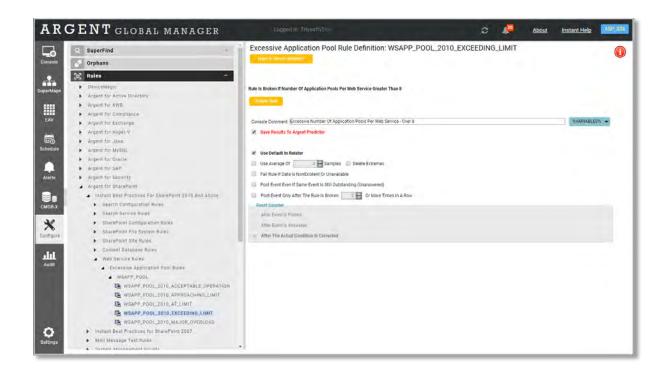
If you're serious about SharePoint, you'll need a serious solution with Instant Best Practices.

#### **Details**

Argent for SharePoint monitors and reports on SharePoint baselines, such as crawling properties, SSPs, fat documents, web applications, and site counts.

Argent for SharePoint comes with pre-defined reports that can be automatically emailed every morning to show the actual health and performance of SharePoint.

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### **Argent for SNMP**

Argent for SNMP is more than just a monitoring solution -- like all Argent products, <u>Argent for SNMP is a complete automation solution</u>, automating all the essential but labor-intensive chores that all customers must perform to ensure your SNMP devices run smoothly.

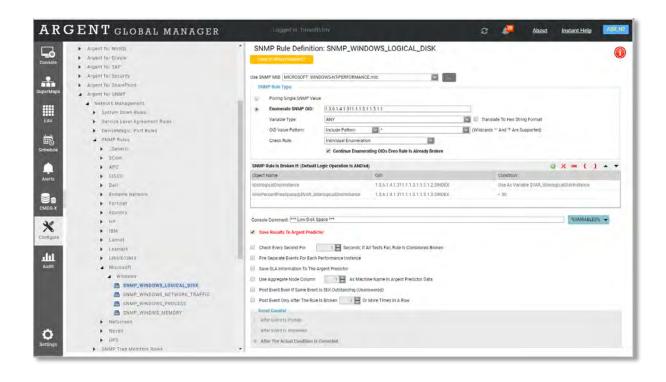
### Here are some of the features that Argent for SNMP provides:

- Reliable SNMP Discovery
- Network Topology Discovery
- Argent Universal MIB Library
- Support for all SNMP Versions
- Enhanced SNMP Trap Handling Model
- Readability of SNMP Events
- Automatic Monitoring -- monitor devices in a few clicks

#### **Automation - Automate All Your Work**

With uniquely powerful built-in scheduling, customers can prioritize SNMP monitoring and schedule data collection for performance reports to take place in real time, once an hour or only in the evenings and advanced calendaring options allow any number of different monitoring policies.

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### **Argent for Storage**

Storage is a critical component in most enterprise networks, and like all critical components — <u>it can't go down</u>.

To make matters worse, storage devices have many sub-components in and of themselves — *Storage Processors, Disk Array Enclosures, Buses, Disks, LUNs, Fibre Channel, Tape, Switches, Clusters* -- the list goes on.

The question "What should I be monitoring, and what thresholds?" is the immediate response for most Storage Administrators.

Argent for Storage's **Instant Best Practices** does the heavy-lifting for administrators, and provides <u>expert recommendations</u> on thresholds that typical enterprises would need. With Argent for Storage you can be up and running in 45 minutes, not 45 days; Argent for Storage is meticulously engineered to ensure you are not flooded with thousands of meaningless alerts.

And Argent is vendor-agnostic — Argent for Storage aims to cover all the major players: **EMC, NetApp, HP, IBM, and Dell**.

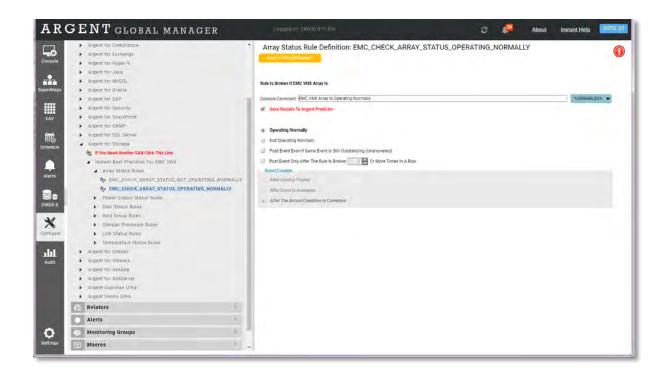
### **Proactive Monitoring and Reporting**

Argent for Storage <u>proactively</u> detects and stops SAN-related issues before your enterprise is impacted.

Critical data is collected for historical reporting and trend analysis, and visualized through Argent Reports and Argent Commander.

Argent for Storage also provides corrective actions by integrating with vendor-specific CLI or PowerShell that can be run in response to an issue. Additionally, detailed notifications that pinpoint the exact Disk, Bus, and Enclosure can be sent via email or SMS to the Storage team.

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### Argent for XenApp

Argent for XenApp is more than just a monitoring solution -- like all Argent products, Argent for XenApp is a complete automation solution, automating all the essential but labor-intensive chores that all customers must perform to ensure XenApp runs smoothly.

With all the layoffs, there are fewer people to do more work - this is why Argent's unique Instant Best Practices is essential - who has the time to read White Papers?

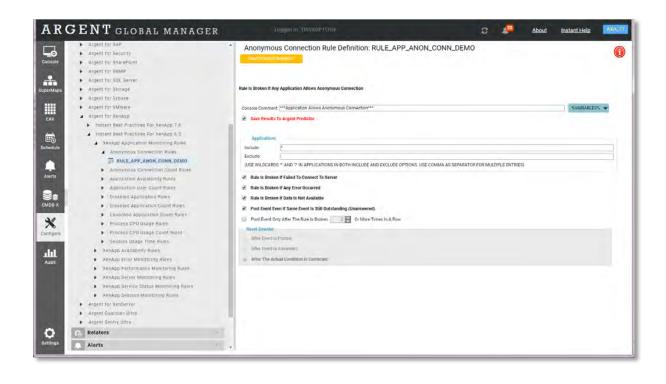
The most significant aspect of Argent for XenApp is the use of a number of different approaches to monitoring XenApp, unifying a centralized monitoring platform for XenApp running on all Windows or Linux/Unix systems. Think of Argent for XenApp as four or five discrete products all integrated into one super-product.

#### **Details**

Argent for XenApp monitors and reports on XenApp baselines, such as availability, access rules, authentication, licensing, and ICA session rules.

Argent for XenApp integrates with pre-defined Argent Reports that can be automatically emailed every morning to show the actual health and performance of XenApp.

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# ARGENT

# **Database Monitoring**

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### Argent for MySQL

Argent for MySQL is more than just a monitoring solution -- like all Argent products, Argent for MySQL is a complete automation solution, automating all the essential but labor-intensive chores that all customers must perform to ensure MySQL runs smoothly.

With all the layoffs, there are fewer people to do more work - this is why Argent's unique Instant Best Practices is essential - who has the time to read White Papers?

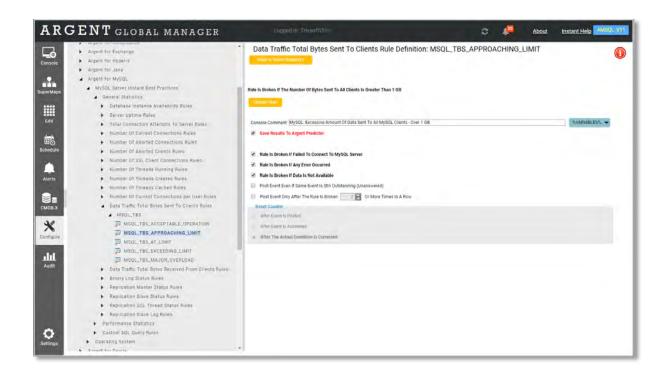
The most significant aspect of Argent for MySQL is the use of a number of different approaches to monitoring MySQL, unifying a centralized monitoring platform for MySQL running on all Windows or Linux/Unix systems. Think of Argent for MySQL as four or five discrete products, all integrated into one super-product.

#### **Details**

Argent for MySQL monitors and reports on MySQL baselines, such as connection statistics, replication status, locks, cache hit rates, and custom SQL queries.

Argent for MySQL integrates with pre-defined Argent Reports that can be automatically emailed every morning to show the actual health and performance of MySQL.

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### **Argent for Oracle**

Argent for Oracle is more than just a monitoring solution -- like all Argent products, <u>Argent for Oracle is a complete automation solution</u>, automating all the essential but labor-intensive chores that all customers must perform to ensure Oracle runs smoothly.

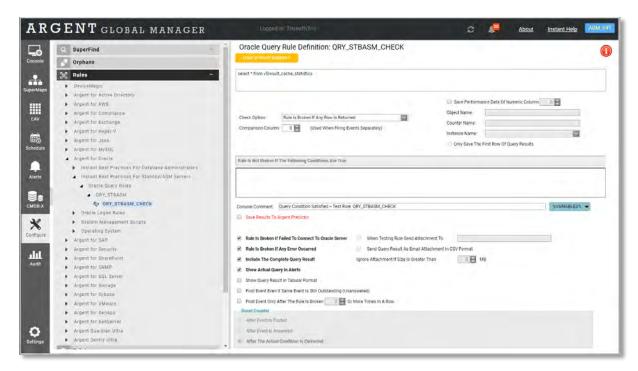
With all the layoffs, there are fewer people to do more work - this is why Argent's unique <u>Instant Best Practices</u> is essential - who has the time to read White Papers?

#### **Details**

Argent for Oracle monitors and reports on Oracle baselines, such as blocked processes, long queries, table space, CPU, memory, and more.

Argent's legendary alerting with 18 different types of alerts is fully integrated into Argent for Oracle.

Argent for Oracle comes with pre-defined SLA reports that can be automatically emailed every morning to show the actual health and performance of Oracle.



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# Argent for SQL Server

Argent for SQL Server is more than just a monitoring solution -- like all Argent products, <u>Argent for SQL Server is a complete automation solution</u>, automating all the essential but labor-intensive chores that all customers must perform to ensure SQL Server runs smoothly.

With all the layoffs, there are fewer people to do more work - this is why Argent's unique <u>Instant Best Practices</u> is essential - who has the time to read White Papers?

The most significant aspect of Argent for SQL Server is the use of a number of different approaches to monitoring SQL Server: PowerShell, WMI, and classic Windows APIs are all used in different parts of the product. Think of Argent for SQL Server as four or five discrete products all integrated into one super-product.

### **Details**

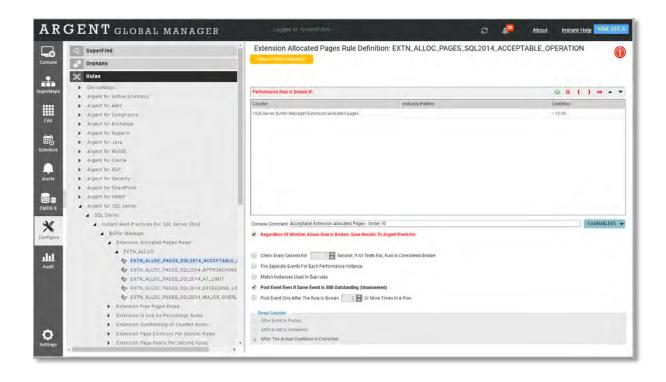
SQL Server 2000 through to SQL Server 2016 environments are fully supported.

Argent for SQL Server monitors and reports on SQL Server baselines, disk I/O rates, queue lengths, soft and hard page faults, and tracking logs - all within a single interface.

Argent's legendary alerting with 18 different types of alerts is fully integrated into Argent for SQL Server.

Argent for SQL Server comes with pre-defined SLA reports that can be automatically emailed every morning to show the actual health and performance of SQL Server.

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# **Argent for Sybase**

Argent for Sybase provides the complete monitoring of aspects of Sybase ASE database servers.

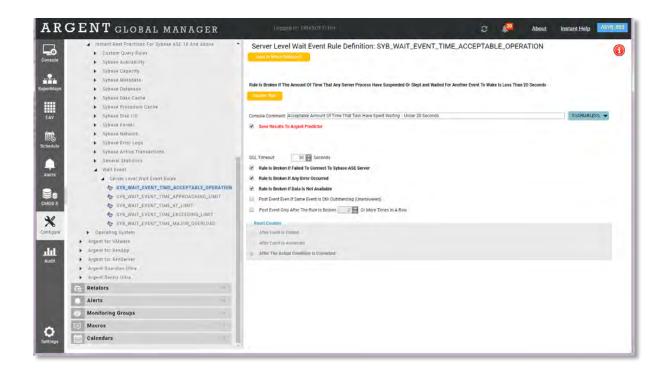
Argent for Sybase monitors all the important performance indicators of Sybase ASE database server and notifies through Alerts if the performance metrics are beyond a given threshold.

This helps the DBA to easily pinpoint the issues that affect the overall Sybase ASE database.

Argent for Sybase provides Rules for:

- Sybase Capacity
- Sybase Availability
- Sybase Disk I/O
- Sybase Kernel
- Sybase Data Cache
- Sybase Procedure Cache
- Sybase Metadata
- Sybase Database Usage
- Sybase Network
- Sybase Custom Queries
- Sybase Error Logs
- Sybase Active Transactions
- Sybase Wait Events

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# ARGENT

# **Security And Compliance**

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# **Argent for Compliance**

Government regulations such as Sarbanes Oxley and HIPAA are changing the ways companies do business worldwide. Argent for Compliance collects, scans, and consolidates all critical data from across the worldwide enterprise into one or more centralized SQL Server and/or ODBC databases, regardless of the hardware platform. Argent for Compliance can process data residing on Windows, Linux, AIX, HP-UX, SCO, Solaris, iSeries, and SNMP devices.

Argent for Compliance is completely scalable, extremely robust, and provides a complete audit trail for management. Now, companies can effectively comply with audit requests and initiate internal audits in response to "keywords" and behavior uncovered with a searchable centralized database.

In today's unstable world, it is not a question of need -- all companies and organizations require the security of data archiving and reporting.

Argent for Compliance comes with out-of-the-box **Instant Best Practices Reporting** for the following critical compliance acts:

- Australian Privacy Act APA
- Criminal Justice Information Services Act CJIS
- Federal Information Security Management Act FISMA
- General Data Protection Regulation GDPR
- Graham-Leach-Bliley Act GLBA
- Health Insurance Portability and Accounting Act HIPAA
- Payment Card Industry Data Security Standard PCI
- Sarbanes-Oxley SOX

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Additionally, Argent for Compliance provides many features to ensure customers stay compliant:

## **Proactive Monitoring**

Instead of waiting for issues to occur, Argent for Compliance allows customers to keep an eye on events as they are unfolding.

For example, monitoring for numerous, repetitive Event ID 529s or 4625s allows administrators to take action and ban a user or IP address before a brute force hack becomes successful.

Similarly, monitoring Linux/Unix message logs, SYSLOGs, IIS logs, SQL Server logs, and iSeries logs for warnings can prevent catastrophes before they have the chance of reaching a critical point.

With Argent's 18 different Alert types and robust customization, customers can ensure they are notified well in advance.

## **Data Archiving**

All data relating to compliance needs to be retained with the capability of being analyzed.

With Event Logs (or any log for that matter), data bloat can become a major nightmare for daily backups, poor reporting performance, and just a general feeling that the data being collected is a complete mess to sort through.

With Argent for Compliance, Security Logs are carefully and intelligently analyzed, and only the pertinent information is parsed into different fields in the database.

The database structure has been carefully designed for maximum performance for reporting and minimizes the growth of the database.

## **Instant Best Practice Reporting For All Compliance Acts**

When an auditor arrives, Argent's reports do the heavy lifting for customers.

All reports are broken down by compliance act.

Reports can be scheduled automatically to provide administrators with full visibility on who, what, and where changes occurred.

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## **Scalability**

Argent for Compliance has a true n-tier architecture, supporting from the smallest to the largest networks. Agents may be installed or all archiving can be done without installing any agents on the production servers; there is no difference in the price.

All common hardware platforms, such as Windows, Linux, AIX, HP-UX, SCO, Solaris, and iSeries

Argent for Compliance can even archive the data from networking equipment like routers and switches.

## **Robust Design**

Complete fault tolerance is engineered into Argent for Compliance to handle slow or erratic networks and hardware failures.

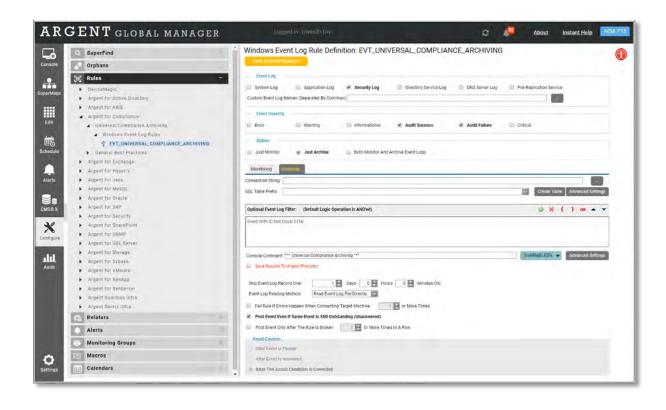
Trusted Agents can be replicated so if one server fails, another server immediately takes over the collecting, scanning, and consolidating of data.

Load balancing is provided to handle large amounts of data collection (in excess of 1,000 gigabytes per day).

### **Automation**

Argent for Compliance has a built-in scheduler in order to optimize resource consumption. Customers can schedule data archiving in real-time, or only during the evenings, on the weekends, or at night, when network load is minimal.

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# **Argent for Security**

Argent for Security alerts you whenever an employee copies a file to a CD or memstick or any USB device.

The leaking of over 200,000 U.S. Top Secret files by a person who copied these files to writable CDs disguised as Lady Gaga audio CDs would have been prevented by Argent for Security.

You spend a fortune to block Russian hackers breaking into to your network, but <u>the</u> biggest threat is from disgruntled employees, as the Lady Gaga case chillingly shows.

There are a small minority of employees who are actively looking to steal your trade secrets -- business plans, blueprints, compensation plans, sales projections, and CRM databases -- to sell to your competitors.

With the Internet, it's simple to send money to Panama or other countries with opaque banking systems, and some of your employees today are looking at what they can steal from you. You only need one breach for your company to be put out of business or for you to be fired for "gross negligence".

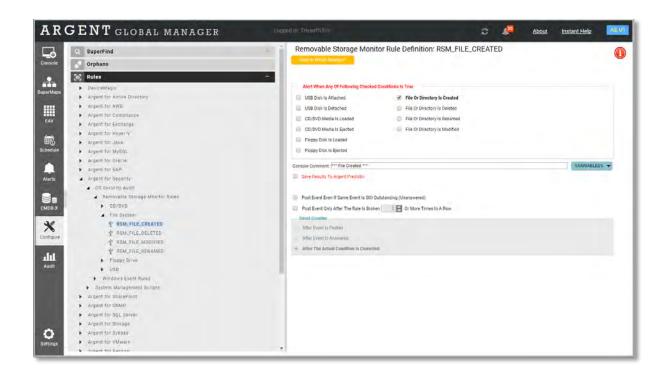
Argent for Security guarantees the safety of all your servers and all your desktops.

Argent for Security installs in under 10 minutes and uses no dangerous kernel mode code and no dangerous device drivers -- Argent for Security is safe and easy to use.

Argent for Security can optionally interface to Active Directory, or you can use Argent for Security as a free-standing product.

If you have compliance requirements such as Sarbanes, HIPAA, PCI, etc., then Argent for Security is a must-have: these strict compliance laws require you to be safe from external Russian hackers and also from internal disgruntled employees.

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# ARGENT

## **Web And Intranet**

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# **Argent Sentry Ultra**

Argent Sentry Ultra monitors websites, FTP sites, and email servers. It can identify website issues during development and after deployment in production. Argent Sentry Ultra integrates with Argent Console for flexible alerting and event escalation so issues can be dealt with promptly, even before the end user sees them. Argent Sentry Ultra's flexibility gives customers the power to maintain any size environment and provides full reporting.

Argent Sentry Ultra also has fraud prevention techniques, checking for changes to web pages. Argent Console will then alert customers if any unauthorized modifications are detected. Customers have full control over which web pages are monitored.

## **Total Web Integrity**

Total Web Integrity protects critical websites and intranets against all forms of attacks.

Total Web Integrity is based on a simple idea: a web property is really just a collection of files.

If these files are constantly monitored for hacker attacks and changes, the hackers are defeated.

Automatic restoration provides complete automation before, during, and after an attack.

## **Website Response Time Monitor**

Ongoing response time monitoring is essential for reporting website performance at various times and for detecting problems with a website. Argent Console generates alerts if the response time slows to a specified threshold, and the performance data can be saved for trend analysis.

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## **Website Reliability**

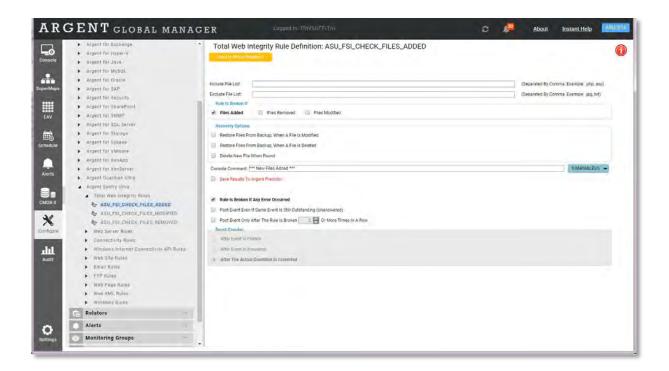
Improve website reliability by eliminating broken links and missing files. This feature traverses a website, checking for broken links, missing images, etc. Argent Console generates alerts if any issues are found.

### **FTP Site Monitor**

FTP site monitoring can be setup to check for specific files on the site and optionally test downloading the files. Alerts are generated by Argent Console if specified files are missing or fail to download. Alerts can also be triggered if a specified file exists on the FTP site.

### **Email Performance Monitor**

Argent Sentry Ultra will monitor the email sending and receiving capabilities of a mail server and test round-trip email performance. The performance data can be saved for trend analysis. Argent Console can generate alerts if the email round-trip performance exceeds the specified threshold.



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# ARGENT

## Virtualization

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# **Argent for Hyper-V**

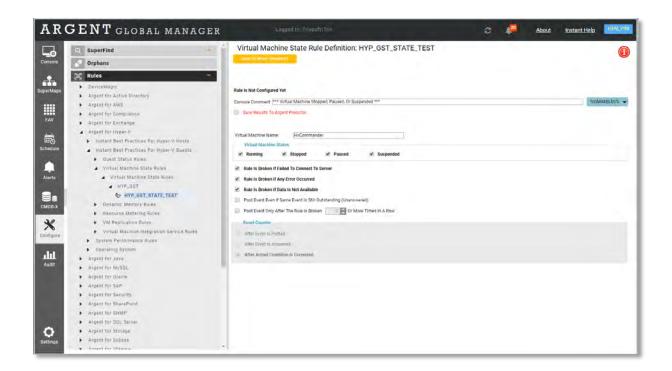
Argent for Hyper-V adds to Argent's Single Pane of Glass technology and provides real monitoring of all critical aspects of Hyper-V, <u>out of the box</u>.

#### **Details**

Argent for Hyper-V monitors and reports on both **Hyper-V Hosts** and **Hyper-V Guests**, along with all Operating System baselines

Argent's legendary alerting with 18 different types of alerts is fully integrated into Argent for Hyper-V.

Argent for Hyper-V comes with pre-defined SLA reports that can be automatically emailed every morning to show the actual health and performance of Oracle.



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## Argent for VMware

Argent for VMware provides Instant Best Practices for ESX/ESXi Hosts and all types of VM Guests.

With a vast array of Rules delivered out of the box, Argent is ready to monitor the **entire VMware cloud** the moment it is installed:

- Datacenters
- Datastores
- Clusters
- Resource Pools
- ESX/ESXi Hosts
- VM Guests Performance Rules, Event Logs, Services, etc., for both Windows and Linux/Unix guests
- VM Logs, Events, and Patch Versions
- vMotion

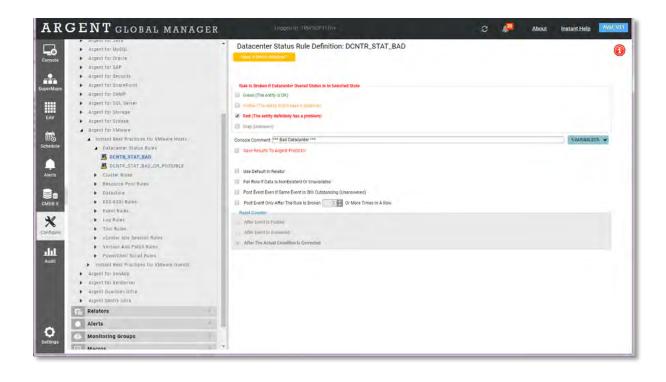
VMware is everywhere and VMware is the most important Cloud Facilitator - <u>VMware is what makes The Cloud a reality</u>.

VMware makes all existing monitoring products obsolete - why use a product based around servers when VMware is now the center of <u>your</u> universe?

Old server-centric monitoring makes no sense.

Are you missing out on the technology needed for your company to stay in business?

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# Argent for XenServer

Argent for XenServer is more than just a monitoring solution -- like all Argent products, <u>Argent for XenServer is a complete automation solution</u>, automating all the essential but labor-intensive chores that all customers must perform to ensure XenServer runs smoothly.

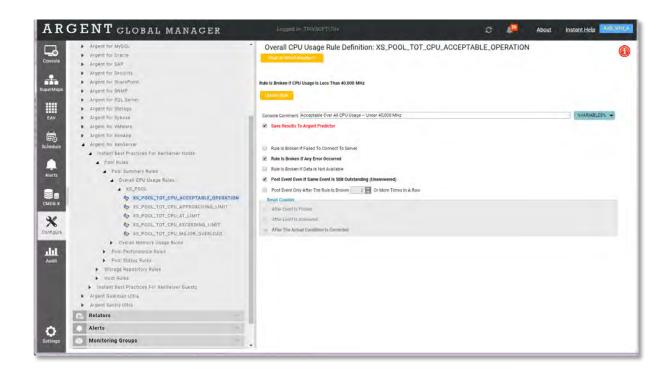
With all the layoffs, there are fewer people to do more work - this is why Argent's unique Instant Best Practices is essential - who has the time to read White Papers?

### **Details**

All versions of XenServer are fully supported.

Argent's legendary alerting with 18 different types of alerts is fully integrated into Argent for XenServer.

Argent for XenServer comes with pre-defined SLA reports that can be automatically emailed every morning to show the actual health and performance of XenServer.



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# ARGENT

# **Enterprise Overviews**

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# **Argent BoardRoom**

With Argent's patented BoardRoom technology, you can generate CIO and management drill downs out-of-the-box in minutes - Argent's BoardRoom is easy, fast, and flexible.

Argent's BoardRoom is delivered with an extensive portfolio of pre-defined Frames, and you can add as many new Frames as you like.

And only BoardRoom allows you to integrate web, intranet, and classical GUIs all on the same screen, so it doesn't matter if you're creating the CIO's personal desktop, or a map of your worldwide operation for the 50-inch monitors in your Network Operations Center.

And Argent's unique drilldown facilities means BoardRoom is more than just a pretty face - it's the world's first fully interactive Universal Media Presentation Manager.

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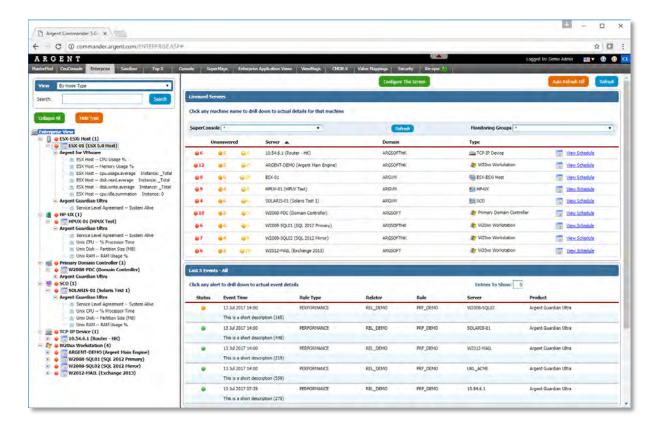
# **Argent Commander**

Argent Commander is an interactive, real-time facility based on Web 2.0 technology that integrates with your existing Argent Advanced Technology installation.

Argent Commander provides pre-defined "command modules" that report on key performance indicators, Top X charts, and tables, as well as event and alert summaries for all the individual servers in your enterprise.

In just three clicks, go from macro to micro -- drill down from an enterprise view to your individual servers and devices, to individual metrics and events.

Argent Commander fully integrates with Active Directory to provide maximum security and customization of rights and privileges.



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# Argent Global Manager

Argent Global Manager provides web-based access and full control of all Argent AT products. Within the past decade, the web browser has become one of the most popular and functional access devices on the desktop in virtually all business environments. Whether it's Chrome, Firefox or Internet Explorer, a web browser is often the very first application opened when a user logs on to their computer each day.

In fact, because Argent Global Manager is fully compatible with all of the award-winning Argent products, customers can now create web-based business views of their entire enterprise.

## **Fully Secure Environment**

Argent Global Manager conforms to the security settings within each Argent product, preventing unauthorized access to all Argent solutions.

## **Increased Flexibility**

Web-based access to critical systems and applications results in an unprecedented level of flexibility to manage Argent products.

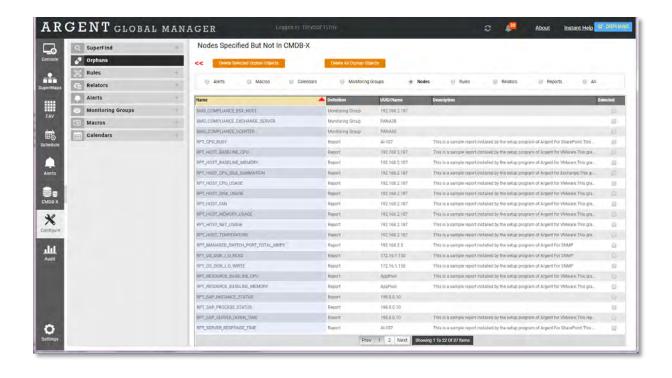
### **Increased Control**

With virtually all of the functionality of Argent AT and Argent XT built into Argent Global Manager, customers never had so much control over their company's critical applications.

### **Ease Of Use**

Like all Argent products, Argent Global Manager is inherently easy to use; the webbased architecture makes it even easier.

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# **Argent Reports**

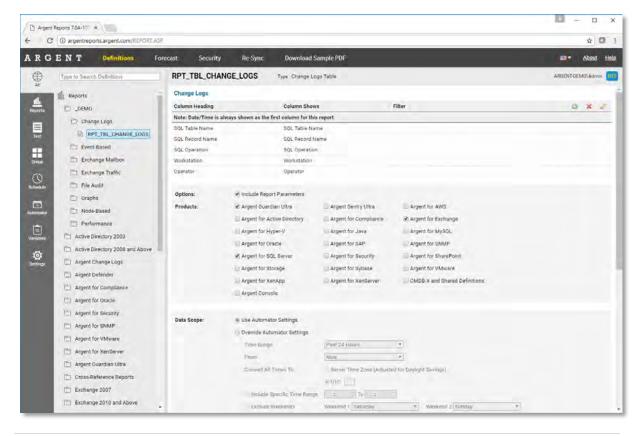
Argent has used industry-standard Crystal Reports in all Argent products for over 15 years

To help customers better leverage Web 2.0 in their use of Argent, Argent has created a new customizable reporting product, which we've dubbed "Argent Reports" (very imaginative, you say)

Argent Reports is a clean and crisp product you can use to instantly create your own reports

## Just think of it -- a few clicks on a simple Web 2.0 template and you're done

An easy-to-use but exceptionally powerful scheduler is built in so you can create your own Reports and Report Groups in minutes -- no hassle, just automated productivity.



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