Syncsort Acquires Cross-Platform Capacity Management Leader Metron

“As enterprises embrace the power of leveraging data as a source of competitive advantage, we continually see two key connected goals. Organizations are looking to deliver critical data from core applications to their next generation Big Data infrastructures and need to optimize the infrastructure running the applications. Syncsort’s infrastructure optimization portfolio, combined with our market-leading Big Iron to Big Data integration solutions, allow customers to pursue both goals. Metron’s athene software further strengthens Syncsort’s value proposition in both of these key solution areas.”

- Josh Rogers, CEO, Syncsort

READ FULL RELEASE: WWW.METRON-ATHENE.COM/COMPANY/PRESS
Differentiated Solutions Portfolio & Technical Expertise

Data Integration

* Industry-leading mainframe data access and highest performing ETL
  - Ironstream®
  - DMX & DMX-h
  - DMX Change Data Capture

Data Quality

* Market-leading data quality capability
  - Trillium Software System
  - TS Quality for Hadoop
  - Trillium Precise
  - Trillium Cloud
  - Trillium Global Locator

Data Availability

* #1 in high availability for IBM i and AIX Power Systems
  - MIMIX Availability & DR
  - MIMIX Move
  - MIMIX Share
  - iTera Availability
  - Enforcive IBM i Security
  - Enforcive Cross-Platform Security
  - Enforcive Mainframe Security

Data Infrastructure Optimization

* Best-in-class resource utilization and performance for managing data systems, on premise or in the cloud
  - MFX® for z/OS
  - ZPSaver Suite
  - DL/2
  - Zen Suite
  - EZ-DB2
  - EZ-IDMS
  - athene®
  - athene SaaS®
  - DMX & DMX-h
  - DMX AppMod
Metron – expert trusted partner

• **IT capacity specialists**
  – Capacity planning since 1986
  – athene® is a complete ITIL aligned CP software solution
  – Adaption and evolution with the enterprise
  – Customers worldwide – large and complex IT environments

• **Part of the IT community**
  – Co-authored Capacity Planning specification for ITIL
  – Heavily involved with CMG (Computer Measurement Group)

• **Training, Consulting and support**
  – Deliver solutions with longevity and sustainability
360° Capacity Management
Features

• Breadth of target platform coverage (physical and virtual)

• Scalability to thousands of targets

• Consistent, easy to use software across all platforms

• Fully automated management reporting
  – Many trending and performance reports “out-of-the-box” included

• Analytical modeling engine for applications, physical servers and VMs

• Open platform – integrates data from other sources

• Built on ITIL Capacity Management foundation
athene® architecture

athene® core

CMIS (SQL)

Integrator

Control Center

Application (SCOM, SAP, solarwinds, etc.)

SAN (EMC, Netapp, HP, etc.)

Business

Network Data

Pull: sFTP, SMB, FTP
Push (windows only): FTPs

athene® Acquire

UNIX

Windows & Hyper-V

z/OS zVM

Linux

Oracle

SQL

VMware

Other tools e.g. alerting

Pull: sFTP, SMB, FTP
Push (windows only): FTPs
athene® architecture

Inside the VMs
Windows or Linux Acquire (Memory, Applications, Users, OS Paging)

Cloud Support
- AWS, Azure (VM counts, CPU, Disk, Network)
- Private
- Hybrid
- SES (Quotas, Send Statistics)
- ELB, Route 53, VPC, SNS, CloudFront
Methods of data collection

- athene® Acquire
- Agentless (VMWare, Windows, SQL, IIS, Exchange)
- Framework
- Integrator (Solarwinds, business data, etc.)

All methods fully automated

All methods centrally managed
Capacity Management today has the same goals and desired outcomes as it did decades ago – providing adequate capacity at controlled costs, now and in the future.

The only difference nowadays is the complex nature of the IT Infrastructure and the need to manage so many disparate systems together. We believe we have the answer with our 360° Capacity Management portfolio and our range of off the shelf Capture Packs. Use the buttons to find out more about our current Capture Pack range, developed and supported by us. We’re adding new Capture Packs to our portfolio all the time.

In addition licensed athene® users are able to quickly and easily create their own unique Capture Packs.

**AWS Capture Pack (Amazon Web Services)**

The athene® AWS (Amazon Web Services) Capture Pack brings performance and capacity statistics from the EC2 Cloud Computing environment into the athene® Capacity Management Information System (CMIS).

Many organizations rely on Cloud providers like Amazon to deliver complex environments to support large scale computing services, storage, content delivery, and databases, along with the day-to-day administration of these environments.

Organizations and their capacity managers need to monitor the usage and performance of this AWS investment. The AWS Capture Pack captures those vital statistics provided by Amazon’s CloudWatch service to enable you to achieve this. The security of your data is guaranteed using standard Amazon controls.

The athene® AWS Capture Pack captures metrics and analytics offer additional value beyond traditional monitoring.

- basis for chargeback for those delivering Software as a Service (SaaS)
- management and confirmation of Amazon’s billing
- ensure your business doesn’t inadvertently waste money by firing up unnecessary instances
athene® Key Functions

- Hotspot
- Dashboard
- Analysis
- Advice
- Virtualization
- Business
- Trending
- Modeling
athene® Portal

[Image of a software interface with multiple graphs and charts, likely related to performance monitoring or data analysis.]
Service View Dashboard

- Enterprise Service Capacity
- Single pane of glass
- Business aligned with “Time to Live” value
- Datacenter metrics
Roadmap: Athene®

Strategic Intent: Optimizing IT Infrastructure Capacity whatever the Platform

<table>
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<tr>
<th>RELEASES/ FEATURES</th>
<th>LATEST 10.30 (Q3-2017)</th>
<th>PLANNED 11.00 (Q1-2018)</th>
<th>UNDER CONSIDERATION</th>
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<td>▪ ServiceView</td>
<td>▪ Concentrator</td>
<td>▪ CMDB Integration</td>
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<td>▪ Single pane service</td>
<td>▪ athene® SaaS</td>
<td>▪ Dynamic service</td>
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<td>capacity health views</td>
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<td>▪ Early warning system</td>
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<td>▪ Aligned with business</td>
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<td>change via Days to Live thresholds</td>
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<td>descriptions</td>
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<td></td>
<td>▪ Short, Medium and Long Term forecasting</td>
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<td></td>
<td>▪ Integrator - REST API</td>
<td>▪ ServiceView enhancements</td>
<td>▪ One minute data capture</td>
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<td></td>
<td>▪ AWS and Azure coverage</td>
<td>▪ Integrator metrics</td>
<td>▪ Global timezone</td>
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<td>▪ Greater enterprise data coverage</td>
<td>▪ User customizable templates</td>
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<td>▪ Reduction in agent deployment</td>
<td>▪ Reporting Enhancements</td>
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<td>▪ Enhanced dashboard reporting and automation</td>
<td>▪ Pre-defined chart domain templates</td>
<td>▪ Global service data comparisons</td>
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<td>▪ Increased dynamic date options</td>
<td>▪ User Defined Metrics</td>
<td>▪ Multi CMIS chart reporting</td>
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<td>▪ Visual alerts for exception and recurrence reports</td>
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<td>▪ Percentile and Highest Hour per day aggregation</td>
<td>▪ Enhanced user descriptions</td>
<td>▪ Docker and Linux containers support</td>
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<td>▪ Dashboard auto-refresh</td>
<td>▪ Additional metrics for SQL, ZIIP CPU and z/OS DB2</td>
<td>▪ Cost Optimization</td>
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<td>▪ Metrics as Thresholds</td>
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<td>▪ CMDB Integration</td>
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<td>▪ Portal charts/dashboards annotation</td>
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<td>▪ Dynamic service group creation</td>
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<td>▪ Auto target creation</td>
<td>▪ Feed into Business Value Dashboards</td>
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<td>▪ Enhanced user descriptions</td>
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<td>▪ What if modeling tool for cross platform environments, including virtual clusters and cloud</td>
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THANK YOU