



OVER THE PAST 10 YEARS, a wealth of products and services has emerged to help companies wring more value from the large quantities of data they are amassing. New entries are constantly coming on the market, while tried-and-true offerings continue to be updated with cutting-edge capabilities.

Today, innovative approaches, such as Hadoop, Spark, NoSQL, and NewSQL, are being used in addition to more established technologies, including the mainframe and relational and MultiValue database systems. Cloud solutions are working alongside on-premises, the range of open source technologies is growing in addition to proprietary options, and software-defined data centers are being deployed to augment hardware-based approaches.

According to the 2016 IOUG Survey on Enterprise Data Storage Trends, "Cloud Steps Up as a Data Storage Platform," the volume of data to be stored continues to rise into the petabyte range for many organizations. The survey, conducted by Unisphere Research, a division of Information Today, Inc., and sponsored by Oracle, found that a total of 31% respondents have more than 100TB of Oracle Database data in storage, including clones, snapshots, replicas, backups, and archives—up from 28% of respondents 2 years ago. In addition, 15% of respondents now have more than 1PB of Oracle data within their enterprises—up from 10% in the previous survey.

Research from CSC finds that data production will be 44 times greater in 2020 than it was in 2009, and, by 2020, more than one-third of all data will live in or pass through

DBTA Trend-Setting Products for 2017

Kourier Integrator

the cloud. And, while projections for the growing number of connected devices have varied widely, many industry estimates still put the number of items that will collect and store data at a staggering number—somewhere between 20 billion and 30 billion—by 2020.

Indeed, data growth in all its varieties has been an ongoing hurdle for IT, yet today, there is no single solution that promises to answer all requirements.

As a result, it is more important than ever to have the right tools for the job. Leading vendors are stepping up to help customers address their data-driven challenges and opportunities, with the associated demand for capabilities spanning self-service access, real-time insights, security, collaboration, governance, scalability, high availability, and more.

To help bring these resources to light, each year, *Database Trends and Applications* magazine looks for offerings that promise to help organizations derive greater benefit from their data, make decisions faster, and work smarter and more securely. On the following pages, we present DBTA's list of Trend-Setting Products for 2017.

We encourage you to continue your exploration by visiting the companies' websites for additional information. And, to stay on top of the latest news, IT trends, and research, go to www.dbta.com, and review Unisphere Research's library of survey reports at www.unisphereresearch.com. ■

Read why Kourier Integrator was selected and Kore's perspective on what makes the product unique.

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Kourier Integrator

PRODUCT SPOTLIGHT



Mark Dobransky,
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KORE'S FLAGSHIP product is used by organizations to extend the value and functionality of their enterprise applications by enabling them to integrate and connect with disparate databases and best-in-class applications.

As a multi-source, multi-purpose enterprise integration and data management solution, Kourier Integrator provides advanced Extract, Transform and Load (ETL) and Enterprise Application Integration (EAI) capabilities.

Kore's "Net Change" technology is a key component of the solution because it enables near real-time data warehouses and integration via change data capture (CDC).

“'Net Change' is a key component of the solution.”

With the increased use of cloud-based and mobile applications, today's landscape for application integration is changing and so must the technology. Although traditional message-based, near real-time integration is still needed, the trend is toward real-time integration via RESTful Web Services for communication between disparate applications.

Kore has embraced this new paradigm with Kourier Integrator Release 4.3, which simplifies the building and deployment of bi-directional integrations using REST. Developers are more productive and have additional capabilities using Kore's framework to build REST APIs. Plus, the new Kourier REST Gateway provides secure and rate limited access to U2 application data. We've not only made it easier for organizations to create and deploy REST integrations, Kourier's REST APIs are also easier for third-party developers to use.

“Kourier will continue to embrace the trends and evolving standards for REST.”

Kourier will continue to embrace the trends and evolving standards for REST and will soon support "Webhooks." Leveraging our Net Change technology, system integration becomes more efficient and timely because external applications can be notified and take action when specific events occur in the U2 application (e.g., new sale).

For more information about Kore Technologies and Kourier Integrator, please contact us.

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