

CIORReview

The Navigator for Enterprise Solutions

DevOps Special

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20 Most Promising DevOps Solution Providers 2015

Today, DevOps is helping companies address the software development and delivery challenges by engaging both the operations and development teams in a single development sphere. Beyond enhanced delivery and support, DevOps provides room for innovation driven by the latest trends such as big data, cloud computing, and mobile applications and social media support.

Open source tools are crowding the DevOps landscape, attracting bigger organizations to adopt the agile practices advocated by DevOps. These practices spawn greater customer satisfaction, better communication, integration, and collaboration within the development life cycle. Although most enterprises uphold that software development and delivery are critical to profit-making, an IBM survey reveals that only 25 percent believe that their teams are effective in terms of execution and delivery. Migrating to a DevOps environment applies agile and lean practices across an organization and maximizes the speed of delivery of a product or a service, from the initial development stage, to customer feedback, to enhancements based on the feedback.

DevOps strategy has evolved over time, leading the solution providers to develop their own reliable toolkits and interfaces. Software developers can adopt these principles with a holistic DevOps approach to reap the benefits of agile development. DevOps providers are regularly updating their toolkits and APIs to support more verticals. In some cases, they are also developing tailor-made suites to service clients better. Ultimately, DevOps improves the way that a business delivers value to its customers, suppliers and partners—it can be considered as an essential business process, not just an IT capability.

As a prelude to CIOReview's 20 Most Promising DevOps Solution Providers, our selection panel evaluated the capabilities of several vendors who provide agile solutions to businesses. A distinguished panel comprising of CEOs, CIOs, VCs, industry analysts and the editorial board of CIOReview selected the final 20.

We present you CIOReview's 20 Most Promising DevOps Solution Providers 2015.

Company:

EnterpriseWeb LLC

Description:

EnterpriseWeb is as a platform provider delivering enterprise class applications at web-scale, driving more dynamic, connected, and adaptable business operations.

Key Person:

Dave Duggal,
Founder

Website:

enterpriseweb.com

CIOR 20 MOST PROMISING
DevOps
Review SOLUTION PROVIDERS - 2015

EnterpriseWeb LLC Re-imagining the Real-time Enterprise

While DevOps is predominantly understood in terms of automation scripts and standard configuration templates for deploying infrastructure, EnterpriseWeb, a platform provider, tackles the larger problem domain of orchestrating any kind of distributed process (e.g. Cloud, IoT, Network). Instead of a narrow IT focus, the team behind EnterpriseWeb saw the need to raise abstractions to the application layer to help organizations bring order to their increasingly diverse, distributed and dynamic environments.

With the explosion of new technologies, accelerating rate of change and agility demands of the business, enterprise IT has struggled to keep up with requirements. Today most business solutions are composite applications that involve many touchpoints across lines-of-business, IT silos and organizational boundaries. At the same time many IT budgets are shrinking. It's clear that IT needs to do more with less, but how? As information sources fragment, managing the explosion of endpoints becomes harder. We live in a new age. The methods of the 20th century cannot solve the problems of the 21st. Transformation requires a re-think of application architecture.

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EnterpriseWeb serves as an application fabric that brings together federated and heterogeneous IT assets for visibility, automation, and policy-based control

EnterpriseWeb was launched in 2009 to radically simplify distributed computing. It handles all the complexity of being parallel, asynchronous, reliable, stateless, immutable, multi-tenant, so organizations can focus on their business. The platform supports real-time, data-driven, policy-controlled processes. It provides a unified architecture with shared libraries, tools and services to support 'smart,' highly-connected, and scalable human, system, infrastructure and device workflows. "Instead of simply representing, 'Yet another Tool,' EnterpriseWeb serves as an application fabric that brings together federated and heterogeneous IT assets for visibility, automation, and policy-based control," says Dave Duggal, Founder, EnterpriseWeb.

The platform enables organizations to rapidly link disparate sources—existing Web-Services, APIs and Microservices—representing systems, databases, devices, and machines in a loosely-coupled enterprise web (hence the name) under common management. Instead of syntactically connecting endpoints in a tightly coupled manner, EnterpriseWeb supports semantic interoperability; every endpoint is represented by a metadata object, which declares the endpoints dependencies (connection details, backing stores, constraints,) to the platform.

EnterpriseWeb harmonizes the representation of objects to developers, enterprise architects and business users, abstracting complexity to improve interoperability, accelerate solution delivery and change management, and enables consistent policies over disparate endpoints (e.g. Security/Identity; Business Compliance, IT Governance).

The system presents a logical store of data and code. All objects, regardless of type and location can be searched from a single dashboard or API. Human and system agents can navigate dependencies between objects. A common object security model can be applied globally. Higher-level objects (entities, functions, data models, process models, etc.) can be composed simply using links and metadata references. All objects are version-controlled, indexed and tagged automatically.

The company delivers a wide-range of solutions around the world. Use-cases include:

- In the Telecom industry, EnterpriseWeb has been recognized as "Most Innovative" virtualization solution. It's enabling Carrier Virtualization by providing high-level abstractions over SDN and NFV, allowing them to focus on customers, products and billing as opposed to implementation details. The company's award-winning CloudNFV solution takes its hallmark DevOps, Service Velocity and Business Agility to the Telecom market.

- A large SAP integrator is developing next generation ETL and Data Migration Tools powered by EnterpriseWeb that support flexible interoperability with SAP stack while avoiding expensive and time-consuming customization projects.

- A leading Academic Medical School uses EnterpriseWeb for a unified Research Management portal, dynamic human processes, integrated administrative processes, and proactive enforcement of regulatory and institutional compliance. EnterpriseWeb offers a bold solution for a brave new world. [CR](#)

Dave Duggal

