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SOFTWARE TESTING SPECIAL

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20 Most Promising Software Testing Solution Providers-2015

As small and large businesses across industries are engaged in building applications to deliver captivating end-user experience, it can be said that software today is the key differentiator in a business outcome. With investment on the line, businesses need to ensure that their software is protected and resilient in the production environment.

Helping businesses achieve this today, software testing should be able to sustain an extensive assortment of devices and operating systems, which would facilitate the conception of multiple test scenarios or executions across manifold platforms. The software testing market is undergoing metamorphosis to align with this disrupting environment. Software testing teams have to make sure that the software delivers cross-platform resolution across mobile, cloud, and web scenarios. Testing services

is progressively modifying to quality assurance in contemplation of ensuring business transformation. New technologies like IoT, cloud and mobile testing are on the rise and software testers need to be fully equipped to grab the emerging opportunities.

In this edition of CIO Review, we present you the “20 Most Promising Software Testing Solution Providers of 2015,” featuring the best solution and service providers offering tools and services on the software testing landscape. The companies compiled in this issue have exhibited extensive business process knowledge, along with in-depth, integrated, and innovative strategies. The listing provides a look into how the solutions and services work in the real world so that organizations can gain a comprehensive understanding of what technologies are available and how they shape up against the competition.



Company:

TurnKey Solutions

Key Person:

Daniel Gannon,
President & CEO

Website:

www.turnkeysolutions.com

Description:

TurnKey Solutions develops, sells, trains, and implements the industry's only data-driven, HP Certified, scriptless test automation platform for Application Lifecycle Management

TurnKey Solutions

The Next Gen Platform: Application Aware Scriptless Testing

The explosion of new technologies, including web, cloud, and mobile, enables businesses to offer significant new value to end users.

Leading organizations are tapping into the power of these technologies through innovative applications that create additional touch points to improve business efficiencies and enhance service. But with increased opportunity comes the potential for increased risk. Ensuring applications are fully tested before they are released in the market is imperative.

The advent of “access anywhere” solutions and their growing importance in the market is putting huge pressure on organizations. It is compelling them to look for technologies that can handle the exponential increase in testing complexity for business critical applications and platforms, while keeping quality and agility intact. “Various vendors in the testing space provide a partial solution, but fail to deliver technology that is holistic in its approach,” says Daniel Gannon, President and CEO, TurnKey Solutions. “We’ve adopted a different way of looking at it.”

TurnKey Solutions provides a combination of adaptive, agile technologies and deep expertise in managing independent application tests, as well as streamlining more complex ERP/CRM systems and end-to-end business flows. With its intelligent solutions, TurnKey eliminates the time and effort typically



Daniel Gannon

range of enterprise applications, cFactory assists organizations in creating a fully automated test environment. It supports virtually any underlying technology or platform, from complex Oracle and SAP environments to the latest web and mobile apps. Application Accelerators are also available to provide pre-built content and test cases for the most complex ERP systems. The solutions leverage reusable test components through a simple drag-n-drop interface, so that even business users can validate applications without expensive, time-consuming IT intervention.

The software enables testers to automatically detect and identify changes in applications and update a full suite of functional tests; this is done without having to search through and manually maintain each test scenario. “We offer a very continuous process where automated testing is always consistent with the latest updates. The software helps businesses stay compatible with their applications regardless of the complexity,” adds Gannon.

TurnKey recently worked with a life sciences organization that was facing challenges in managing its various systems. The company managed a broad portfolio of packaged, third-party and in-house applications that ran the supply chain and critical business functions. Due to the inter-dependencies of the company’s various systems, the organization soon discovered that the manually created script-based tests were rapidly becoming obsolete as new updates to software were being made available.

After implementing the TurnKey solution, the organization was able to efficiently and cost-effectively support core business process change through successful end-to-end application tests. The TurnKey team also built out a complete library of tests, offering a model that proved the ability to automatically execute tests for its supply chain applications. All TurnKey reusable components, test cases, and test data were saved directly and tracked from inside the current ALM testing platform.

TurnKey is committed to keeping its products, software, and services perfectly aligned with the ever-evolving requirements of today’s industries. “The pace of technology, change, and competition dictates that businesses should be more responsive to the market, if they don’t want to end up losing customers,” says Gannon. The company continues to adopt the latest trends in testing, including support for DevOps and Agile application development. **CR**

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required for manual testing processes, empowering customers to deliver applications to market faster, more accurately, and at lower cost.

TurnKey cFactory, the company’s flagship testing platform, is designed to accelerate software delivery by eliminating the cost and complexity of test automation. Built to support a wide