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The Navigator for Enterprise Solutions

DATA ANALYTICS SPECIAL

March 15, 2017

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## 20 Most Promising Data Analytics Solution Providers - 2017

Today, the data analytics landscape is experiencing a transition from reactive analytics platforms to a more advanced set of data discovery tools. Data discovery is a proactive process that involves automatic extraction and compilation of data from diverse sources to assist the business users with minimizing the time and complexity involved in preparing data for analysis. Also, Artificial Intelligence (AI) and automation are gaining momentum as a part of advanced analytics solutions portfolio, as they drive customer-centricity and help businesses improve their decision-making capabilities.

The end-user centric analytics tools delivered by the software vendors in the data analytics space enable business users to access data, perform queries and analysis, and generate reports without depending on the expertise of data scientists and database engineers. In addition to providing ad hoc reporting, business analysis, and customizable dashboards, and seamless data delivery options, the solution providers provide customers

with flexible Business Intelligence (BI) platforms for a unified view of enterprise-wide data. Identifying the numerous benefits of data analytics, CIOs are on a constant quest to find solutions that deliver insightful information in a timely and accurate manner and also elevate productivity to a whole new level.

In order to assist CIOs identify the right analytics solution providers, CIO Review presents “20 Most Promising Data Analytics Solution Providers 2017”. In the last few months, a distinguished panel comprising of CEOs, CIOs, VCs, and analysts, including CIO Review’s editorial board reviewed and selected the top 20 companies in the analytics domain. In our selection process, we evaluated the vendors’ capabilities to fulfill the need for cost-effective and value-adding data analytics solutions across diverse industries. The shortlisted firms are at the forefront of tackling the challenges associated with modern-day data analytics.

We present to you “20 Most Promising Data Analytics Solution Providers 2017”.



**Company:**  
ReSurfX

**Description:**  
Provides enterprise data analytics workflow product for improved data-based decision making

**Key Person:**  
Dr. Suresh Gopalan  
Founder & CEO

**Website:**  
[resurfX.com](http://resurfX.com)

# ReSurfX

## Premium Data Accuracy for Better Outcomes

The true value of big data lies in harvesting it for making informed decisions that improve business outcomes. However, with the proliferation of data, companies across industries are struggling to find new ways of utilizing data and are seeking superior value-based business models and highly sensitive measurement technologies to reduce analytic errors. Based in Cambridge, MA, ReSurfX is developing a new breed of ‘Big Data’ technology that deals with both data generation and utilization for effective decision making. ReSurfX posits that dramatic improvements in accuracy and novel insights can only happen through innovation outside the mainstream framework—given that error properties are often non-uniform in big data, and most analytic shortcomings result from model assumptions not robust enough to handle that. “Adaptive Hypersurface Technology (AHT) of ReSurfX is one such novel framework that facilitates superior outcomes and ROI through significant robustness to unknown error properties to improve accuracy, uncovering new insights that also brings an inherent degree of personalization.”

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**vysen is powered by our patented and proprietary Adaptive Hypersurface Technology to make better decisions on outcomes through superior accuracy and novel insights, improving innovation and ROI**

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“Our approach is to provide a novel data analytics platform as well as target premium measurement technologies for reducing analytical errors at each stage of the workflow, thus making a large improvement in sensitivity,

accuracy, and effective use of data,” says Dr. Suresh Gopalan, CEO and Founder, ReSurfX.

ReSurfX is geared to provide innovative classes of solutions for the effective use of large volumes of data through strategic design of measurement technology, implemented as hardware/component level changes, as well as a data analytics solution which focuses on sensitivity and accuracy. These solutions enable analytics on each data source and in successive combination of data sources, enabling newer value based business models, and highly sensitive measurement technology outputs.

ReSurfX’s vysen—is an enterprise grade SaaS analytics platform for the life sciences and healthcare sectors. “vysen is powered by our patented, and proprietary Adaptive Hypersurface Technology to make better decisions on outcomes through superior accuracy and novel insights, improving innovation and ROI” states Dr. Gopalan. vysen integrates with numerous stages of the workflow and complements preferred solutions and infrastructure built around specific data and applications in an enterprise.

ReSurfX’s core AHT is a datasource agnostic and targets a pervasive data



Dr. Suresh Gopalan

“But our focus is specifically on healthcare where clients are facing tremendous challenges in drug discovery and development pipelines, and health care utilization efficiency,” points out Gopalan. ReSurfX’s solutions to evidence-based medicine, point-of-care products, and personalized medicine make medical care more accurate and efficient, thereby adding tremendous value to the life science and healthcare sectors.

ReSurfX has served organizations in the healthcare sector to reduce false positives as well as to identify overlooked “hits” through analytics—facilitating effective use of manpower and other resources. In one instance, ReSurfX enabled a research unit developing personalized and evidence-based medicine to make novel discoveries and prevented the publication of faulty analytics.

Recently, ReSurfX launched its redesigned version of vysen as a scalable platform for repository-scale processing to deliver large increase in enterprise efficiency that initially deals with microarray and RNASeq based gene expression data. “We will continue to empower customers and build additional applications and features into our platform to solve a variety of problems end-to-end,” concludes Gopalan. [OR](#)