



Climate LLC Recognized for Predictive Analytics Innovation in 2022 Data Breakthrough Awards Program

Prestigious International Awards Program Honors Outstanding Data Technology Products and Companies

SAN FRANCISCO, March 29, 2022 – [Climate LLC](#), Bayer’s digital farming arm, today announced that its Climate FieldView™ platform has been selected as the winner of the “Predictive Analytics Solutions of the Year” award in the 3rd annual Data Breakthrough Awards program conducted by [Data Breakthrough](#), an independent market intelligence organization that recognizes the top companies, technologies and products in the global data technology market today.

Helping farmers harvest massive amounts of field data, Climate is leveraging [machine learning](#), [data analytics](#) and artificial intelligence approaches to produce personalized recommendations aimed at helping farmers optimize their farming operations, even as the amount of farmable land globally shrinks. Climate FieldView™ provides farmers with a comprehensive, connected suite of digital tools aimed at mitigating risk and optimizing farm productivity.

With an Amazon Web Services (AWS) cloud environment already in place, the engineering team at Climate looked for the best data analytics solution to integrate with their existing toolset. The company uses Looker as a data visualization solution, Apache Spark to pre-process data, and Pentaho for ODBC connectivity for ETL (Extract, Transform, and Load) processes to prepare data for analysis. [Vertica](#) integrates all these and other existing tools as they expand their data analytics capabilities into machine learning and geospatial data.

Additionally, a wide range of data sources, combining third-party intelligence with application click stream and the field’s own data, are processed and integrated in Vertica, resulting in a rich environment that provides a 360° view of the grower and their operation.

“We are grateful to Data Breakthrough for this award, and a very special thank you to Vertica for the nomination. We believe that farmers need access to tools that support the decisions they make every day to maximize their return on every acre. Our mission is to help farmers around the world sustainably increase their productivity through the use of digital tools,” said Erich Hochmuth, Director of Analytics Engineering at Climate. “Our next breakthrough on the farm will happen off the farm, as we use data analytics at scale to achieve value for our farmers.”

The annual Data Breakthrough Awards is the premier awards program founded to recognize the data technology innovators, leaders and visionaries from around the world in a range of categories, including Data Analytics, Big Data, Business Intelligence, Data Storage and many more. The third annual Data Breakthrough Award program attracted more than 1,850 nominations from across the globe.



“In a few short decades, the world’s population is on pace to grow fifty percent. For farmers, that rapid growth translates to an urgent need to find more efficient, sustainable ways to grow substantially more food,” said James Johnson, Managing Director, Data Breakthrough. “The ability for the Climate FieldView platform to provide a scalable machine learning and data visualization ecosystem is critical in building a data-driven platform to ensure the best product is being delivered to create the most value for the farmer. Congratulations to the innovative teams delivering farming innovation at Climate for taking home a well-deserved 2022 Data Breakthrough Award.”

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About Bayer

Bayer is a global enterprise with core competencies in the life science fields of healthcare and nutrition. Its products and services are designed to help people and the planet thrive by supporting efforts to master the major challenges presented by a growing and aging global population. Bayer is committed to drive sustainable development and generate a positive impact with its businesses. At the same time, the Group aims to increase its earning power and create value through innovation and growth. The Bayer brand stands for trust, reliability and quality throughout the world. In fiscal 2020, the Group employed around 100,000 people and had sales of 41.4 billion euros. R&D expenses before special items amounted to 4.9 billion euros. For more information, go to www.bayer.com.

Climate FieldView is a global, industry-leading digital platform. Through its suite of easy-to-use data visualisation and analysis tools, farmers have a single platform to unite data from each piece of their precision equipment and access those insights from anywhere with a smartphone, tablet device or computer.

About Data Breakthrough

Part of the [Tech Breakthrough](#) organization, a leading global provider of market intelligence and recognition platforms for technology innovation and leadership, the [Data Breakthrough Awards](#) program is devoted to honoring innovation and market disruption in data technologies, services, companies and products. The global Data Breakthrough Awards program provides a forum for public recognition around the achievements of data companies and solutions in categories including data analytics, management, infrastructure and hardware, storage, Business Intelligence and more. For more information visit DataBreakthroughAwards.com.

About Vertica

The core analytical platform within the Micro Focus software portfolio, Vertica is the Unified Analytics Platform, based on a massively scalable architecture with the broadest set of analytical functions spanning event and time series, pattern matching, geospatial, and end-to-end in-database machine learning. Vertica enables many customers – from Philips to The Trade Desk to MassMutual to many others – to easily apply these powerful functions to the largest and most demanding analytical workloads, arming businesses and its customers with predictive business insights faster than any data analytical platform in the market. Vertica provides its Unified Analytics Platform as SaaS on AWS, across all major public clouds and on-premises data centers as a BYOL (bring your own license) model, and integrates data in cloud object storage.