



Robert Bosch Venture Capital leads USD 17.5 million investment in Teralytics

Multi-modal mobility intelligence based on proprietary AI technology

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- ▶ Robert Bosch Venture Capital leads investment together with Deutsche Bahn Digital Ventures, innogy Ventures, LBBW Venture Capital, Liil Ventures, Atomico and Lakestar
- ▶ RBVC Managing Director Dr. Ingo Ramesohl: "The way people move changes rapidly and we look forward to shaping it together with Teralytics"
- ▶ Telecom network data powered analytics to help mobility providers, cities and transport services understand, predict and improve people's journeys

Stuttgart, Germany – Robert Bosch Venture Capital GmbH (RBVC), the corporate venture capital company of the Bosch Group, is leading a USD 17.5 million investment in Teralytics. The Swiss software company is building a platform to provide advanced mobility analytics powered by telecom network data. It uses proprietary artificial intelligence to extrapolate insights, anonymized and aggregated. This enables customers such as mobility providers, cities and transport services to understand, predict and improve people's journeys. A study conducted by MarketsandMarkets on the "Transportation Systems and Analytics Market" has estimated this market at USD 57.46 billion in 2018, at an estimated compound annual growth rate (CAGR) of 15.4 percent from 2013 to 2018. Together with RBVC, other strategic and financial investors participating in the round include Deutsche Bahn Digital Ventures, innogy Ventures, LBBW Venture Capital, Liil Ventures, alongside existing investors Atomico and Lakestar. "As a leading provider of mobility solutions, we are excited to welcome Teralytics to our portfolio", says Dr. Ingo Ramesohl, Managing Director at RBVC. "The way people move changes rapidly and we look forward to shaping it together with Teralytics."

The way the world moves is changing

Due to the growing population and the trend that more and more people live in urban areas, mobility flows in cities are changing and new modes of transportation such as ride-sharing, bike-sharing and e-scooters are appearing. Meanwhile, cities are striving to understand how new technologies and services impact their residents, with little or no valid data to base critical planning and

operational decisions on. As the concepts of private car ownership or scheduled transportation give way to mobility-on-demand, these dynamics will accelerate, generating ever more complex questions requiring data to solve them.

“Simply throwing new modes of transportation at challenges such as congestion, traffic safety, crowded public transportation and long wait times, without a thorough understanding of how all people travel, is not delivering the desired results,” says Alastair MacLeod, CEO at Teralytics. “There is a need for unbiased, all-encompassing insights into people’s journeys across all modes of transportation, in real-time. Human mobility is changing beyond recognition. The next ten years will bring a seismic shift in mobility technologies, comparable to the impact that transistor and personal computer advancements had on miniaturization and digitalization.”

Towards an intelligent mobility operating system

Zurich based Teralytics, with offices in New York and Singapore, partners with telecom network operators to solve the challenge of understanding human mobility on population scale with the most accurate indicator of people’s movement – their mobile devices. “It is the one thing everyone has with them at all times”, Alastair points out. Teralytics receives anonymized cell tower signal data and turns them into aggregated mobility behavior of groups of people, thereby being fully compliant with the EU General Data Protection Regulation (GDPR). Teralytics is developing global mobility insights and analytics solutions to better understand how people travel and how new modes of transportation affect the entire transport network.

Top team and investors

The leadership team consists of entrepreneurs, engineers and industry veterans with backgrounds from a wide range of technical disciplines, and with strong professional and academic credentials from blue-chip global companies and the best universities in the world. The funding follows a period of growing commercial traction and expansion into more than ten countries. With the support of RBVC and other strategic investors, Teralytics plans to grow globally to cover more than one billion people’s journeys and become a global marketplace for mobility insights.

Press photos: #2716400, #2716398, #2716399

Contact person for press inquiries:

Aron Bahn Müller

phone: +49-711-811-47950

About RBVC GmbH

Robert Bosch Venture Capital GmbH (RBVC) is the corporate venture capital company of the Bosch Group, a leading global supplier of technology and services. RBVC invests worldwide in innovative start-up companies at all stages of their development. Its investment activities focus on technology companies working in areas of business of current and future relevance for Bosch, above all, automation and electrification, energy efficiency, enabling technologies, and healthcare systems. RBVC also invests in services and business models that are relevant to the above-mentioned areas of business.

Additional information is available at: www.rbvc.com

The Bosch Group is a leading global supplier of technology and services. It employs roughly 410,000 associates worldwide (as of December 31, 2018). The company generated sales of 78.5 billion euros in 2018. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT company, Bosch offers innovative solutions for smart homes, smart cities, connected mobility, and connected manufacturing. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to deliver innovations for a connected life. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 460 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. At nearly 130 locations across the globe, Bosch employs some 68,700 associates in research and development.

The company was set up in Stuttgart in 1886 by Robert Bosch (1861-1942) as "Workshop for Precision Mechanics and Electrical Engineering." The special ownership structure of Robert Bosch GmbH guarantees the entrepreneurial freedom of the Bosch Group, making it possible for the company to plan over the long term and to undertake significant upfront investments in the safeguarding of its future. Ninety-two percent of the share capital of Robert Bosch GmbH is held by Robert Bosch Stiftung GmbH, a charitable foundation. The majority of voting rights are held by Robert Bosch Industrietreuhand KG, an industrial trust. The entrepreneurial ownership functions are carried out by the trust. The remaining shares are held by the Bosch family and by Robert Bosch GmbH.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-press.com, [www.twitter.com/BoschPress](https://twitter.com/BoschPress).

About Teralytics AG

Teralytics is a technology company that provides unprecedented insights into people's journeys.

Until now, cities and mobility services have been designed based on assumptions of how public authorities and private companies expect people to move. But, they aren't taking the journeys of the whole population into consideration. As a result, for many, mobility is limited. Not just physically, but socially and economically. It's stopping people from reaching their full potential. Ineffective transport services can be the difference between a job not taken and a family life compromised.

Teralytics partners with mobile network operators to solve this problem with the most accurate indicator of people's movement – their mobile devices. It's the one thing everyone has with them at all times. And the cell towers receiving their signals don't discriminate based on device model or apps. Due to its complexity and scale, mobile network data has been nearly impossible to understand or utilize. That's why Teralytics has pioneered a way to translate it into actionable insights. For the first time, Teralytics has unlocked truly inclusive data on people's journeys. Additional information at <https://www.teralytics.net/>