Kapsch Group

kapsch >>>
challenging limits

Press release

Innovations for the Future of Mobility and Cyber Security. Five start-ups exhibit their proof-of-concepts at the Kapsch Factory1 Demo Day.

The Demo Day on June 18th marked the successful conclusion of the Kapsch Accelerator Program Factory1 2K19. The five participating start-ups presented their developed projects. Once again, it became clear that innovation was not just a buzzword, but a reality.

Vienna, June 25, 2019 – On June 18, the finalists of the Accelerator Program Kapsch Factory1 presented their projects at the festive closing event at the Palmenhaus in Vienna. The five start-ups; Aerostate, Bestmile, Derq, Exeon Analytics, and ObjectBox, convinced the expert jury with their projects in February 2019. Over the past four months, they have been working together with experienced Kapsch experts on their proof-of-concept projects during the Acceleration Weeks in Vienna and Silicon Valley (USA).

"As part of our open innovation strategy, Kapsch Factory1 does not only treat new solutions theoretically – the goal was to generate concrete use cases with the participating start-ups. With their pioneering proof-of-concepts, the participants proved that this can be achieved in a very short time," says Georg Kapsch, CEO, Kapsch Group.

"We are working alongside the young entrepreneurs, to achieve a more effective, efficient and sustainable future for mobility and digital transformation. Our program is not about investments, but rather about mutual support. The solutions presented at the Demo Day will be the basis for long-term collaboration towards such a future," adds Marcus Handl, Head of Corporate Development & Innovation, Kapsch Group.

An overview on the five projects presented:

> **Aerostate** (USA) developed a platform for air quality analysis for smart cities. The platform consists of three levels: monitoring, analysis, and forecasting. Information on things like emissions, traffic volumes or weather developments serve as a basis for decisions on measures that affect urban ecology. This enables city administrations to make traffic plans and urban planning far more efficient.
  Website: aerostate.io

> The cloud-based software platform presented by **Bestmile** (Switzerland) provides information on the availability of mobility services. Together with data on the current traffic situation generated by the Kapsch solution EcoTrafiX™ and the MaaS solution FluidHub from the Kapsch Group company Fluidtime, Bestmile offers a comprehensive and efficient mobility solution.
  Website: bestmile.com

> **Derq** (United Arab Emirates) works with AI & ML (Artificial Intelligence and Machine Learning) algorithms, which predict the intentions and routes of road users. Relevant information is captured by cameras and sensors and analysed by the patented algorithms. Roadside units from Kapsch – based on V2X technology – pass the evaluated data on to road users and infrastructure facilities.
  Website: derq.com

> The service of **Exeon Analytics** (Switzerland) combats advanced cyber-attacks by using Big Data analysis and machine learning. The ExeonTrace solution identifies APT attacks (Advanced Persistent Threat) and malware infections hidden in the regular network. As part of the proof-of-concept, Exeon Analytics analysed a very extensive Kapsch network to identify security threats to demonstrate the advantages of the dynamic system.
  Website: exeon.ch

> **ObjectBox** (Germany) developed an Edge database that is specially optimized for IoT (Internet of Things) and mobile devices. The cloud-independent solution makes data available across platforms – from sensors to servers – ten times faster than comparable competing products. Companies such as railway operators can therefore optimize the efficiency of their operating systems and asset management.
  Website: objectbox.io

More information about Kapsch Factory1 at: factory1.net

Picture: The four-month Acceleration Program Kapsch Factory1 2K19 came to an end with the Demo Day on 18 June. Photo rights: © Martin Hörmandinger / Kapsch Group

The **Kapsch Group** is a globally operating technology corporation headquartered in Vienna. The company's areas of expertise – digitalization and mobility – are addressed via two business units that offer end-to-end solutions along the entire value chain. Kapsch BusinessCom is the ideal partner for digital transformation. Kapsch TrafficCom is an expert in traffic management and offers intelligent solutions for toll collection, smart urban mobility, road safety and connected vehicles.

Kapsch strives for global leadership in terms of quality and innovation and therefore annually invests some 10% of its total revenue in research and development. The R&D centers of the Kapsch Group are constantly working to make new technologies marketable. Long-standing collaborations with scientific institutions and strategic acquisitions provide additionalknow-how.

Kapsch Group

Press contact:

Alf Netek
Chief Marketing Officer & Press Officer
Kapsch Aktiengesellschaft
Am Europlatz 2, 1120 Vienna, Austria
P +43 50 811 1700
alf.netek@kapsch.net

Further information: *www.kapsch.net*
Follow us on *Twitter* and *LinkedIn*