

IntelliSense.io to Establish and Operate a Smart Monitoring & Optimisation Centre in a Joint Venture with the Kazakhstan Mining Industry Competence Centre

London, UK – 7th December 2016 – The Kazakhstan Mining Industry Competence Centre in (MICC) signed a five-year agreement with Cambridge-based IntelliSense.io to partner with and jointly operate a Smart Monitoring & Optimisation Centre (SMOC) for the national mining industry on 22nd November 2016.

The Vice Minister of Investment and Development of Kazakhstan, Erlan Khairov, and the UK Minister of State for Trade and Investment, Rt Hon Greg Hands MP, presided over the signing, which took place at the UK-Kazakhstan Inter-Governmental Commission in London.

The SMOC will be the first of its kind in Kazakhstan and one of the first in Central Asia. The Centre will monitor the country's mining operations to ensure their pit-to-port processes run with minimum variability. acting as the first line of support for IntelliSense.io OaaS applications that deliver continuous process optimisation. The SMOC will communicate proactively with mine engineering and management teams, as well as introduce new ways of running an operation that balances technical efficiency, productivity and financial economics.

"We are thrilled to be opening the SMOC in conjunction with IntelliSense.io to ensure that Kazakhstan is firmly at the forefront of innovation in mining," said Sanzhar Kettebekov, General Director of Almaty Tech Garden, which is part of the MICC. "As a Center of Excellence, we fully understand the importance of updating our technologies for Industry.4.0. The SMOC will provide a significant competitive edge to our mining industry and facilitates proper industry transformation and a transparent strategy to integrate Industry 4.0 to our country's mining industry."

The SMOC is part of the country's 1% Mine Subsoil Reporting Program, which requires routine reporting of site performance.

"IntelliSense.io technologies deliver a step change in productivity and efficiency across mining operations resulting in increased yield and reduced operating expense," said Sam G. Bose, CEO and Founder, IntelliSense.io. "By integrating modern computing technologies such as the Internet of Things and Big Data with advanced data science capabilities through our machine learning algorithms, we are bringing a new category of No CapEx solutions to the mining industry. By proactively communicating with busy mine operations teams through prediction of incoming materials and circuit optimisation opportunities identified by our applications, we aim to help the operations team overcome the 'variability' challenge and progress towards steady state operations."

By IntelliSense.io having its OaaS applications delivered in various geographies, the SMOC is also a platform to learn from other industries and geographies, and to benchmark process and equipment performance. The SMOC is scheduled to be open and operating from the beginning of January 2017.

The SMOC for Mining in Kazakhstan will be IntelliSense's first centre, with a similar mining optimization centre planned to open early 2017 in Santiago, Chile.



Sanzhar Kettebekov, General Director of Almaty Tech Garden (left) shaking hands with Sam G. Bose, CEO and Founder of IntelliSense.io.

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Almaty Tech Garden

Autonomous cluster fund "Innovative Technologies Park" (Almaty Tech Garden) has the status of non profit institution. The chairman of the Supreme Board of Trustees is the President of the Republic of Kazakhstan Nursultan Nazarbayev, Chairman of the Management Committee is the Prime Minister Bakytzhan Abdirovich Sagintayev. The Fund consolidates existing potential and R&D infrastructure in Almaty and Special Economic Zone "PIT", transfers 1% of total annual revenue from subsoil users to fund innovative projects, focuses on creating Technology Centres based on transnational corporations and attracting critical mass of startups.

IntelliSense.io

IntelliSense.io is the market leader in providing innovative real-time data analytics applications over resilient wireless sensor networks for natural resources industries. IntelliSense.io offers the leading Industrial Internet of Things platform for delivering “Optimisation as a Service” applications. IntelliSense.io applications portfolio has been deployed in the Mining industry across Latin America and Kazakhstan for base and precious metal mining operations. IntelliSense.io is a privately-held company based in Cambridge, UK, with offices in Santiago, Chile.

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