

Kazakhstan Mining Industry Center of Competence Selects IntelliSense.io as their Industrial Internet of Things and Data Analytics partner for their Mining Innovations Program.

Cambridge, UK and Almaty, Kazakhstan -- 15th September 2016 -- IntelliSense.io and the Kazakhstan Center of Competence in Mining & Metallurgical announce that they have entered into a strategic partnership to deploy IntelliSense.io analytics and decision support technologies to improve efficiency and upgrade workforce skills for the Kazakhstan natural resources sector. The partnership is part of initiatives undertaken by the Competence Center of Mining and Metallurgical Complex (MMC), announced in April by the Kazakhstan autonomous cluster fund "Innovative Technologies Park", Almaty Tech Garden, and international consulting firm, McKinsey & Company. Almaty Tech Garden will represent the Center and manage the IntelliSense.io partnership in close collaboration with McKinsey.

A strategic partnership agreement has been signed between the two entities enabling IntelliSense.io to work closely with Almaty Tech Garden and McKinsey to deploy their mining applications portfolio across the mine extraction, mineral processing and utility systems with the primary goal of improving throughput and efficiency, reducing environmental impact and reducing operating expense to Kazakh mine operations. The partnership also supports training to global best practices and subject matter experts and will be accessible through a training program at the MMC focused on delivering data driven decision making expertise to the Kazakhstan Mining sector.

IntelliSense.io, whose technology is used to optimise processes and systems through a combination of sensors, software and simulation, have proven successes from their deployments in base and precious metal mining across the world. Its applications make capital and asset intensive industries more efficient and productive by delivering previously unknown operational insights from real-time sensor data analysis. One of the first pilot sites for deploying the technology through the partnership will be the Polymetal (Varvarinskoye) mine.

McKinsey has advocated the use of digital innovations and implementation of the "Industry 4.0" concept to improve mining productivity as a key requirement for global miners to improve productivity and efficiency amid the downturn in the commodity cycle. The MMC Competence Center will be first such center dedicated to the mining industry to be set up in Kazakhstan.

"The foundation of Almaty Tech Garden is to attract industry-leading players to develop innovation in the country," said Sanzhar Kettebekov, General Director of Almaty Tech Garden. "We believe the future of mining involves training our workforce to utilise the Industrial Internet, big data and analytics to enable better decision-making, deliver step change in productivity improvement and help in improving efficiency at their operations."

“We are pleased to have been selected to work in partnership with Almaty Tech Garden and McKinsey in delivering the mining center of excellence,” said Sam G. Bose, CEO and founder, IntelliSense.io. “Our technology platform have been successfully deployed to enable global mining organisations to optimise their Pit-to-Port processes by deploying ‘Optimisation applications as a Service’ (OaaS) applications that require little to no upfront CapEx, faster deployment and continuous solution upgrades delivering rapid return on investment. We look forward to introducing the technology and associated skills upgrade necessary to extract maximum value from the technology.”

“The MMC Competence Center will provide students opportunities to become familiar with examples of the best practices,” Kettebekov said. “We aim to improve the skill base of the Kazakh mining industry by exposing and training teams on leading edge technologies to compete in the global marketplace. In the future, we plan to offer the MMC companies the modules to increase ore production efficiency.”

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More About These Companies:

Almaty Tech Garden

Autonomous cluster fund “Innovative Technologies Park” (Almaty Tech Garden) has the status of nonprofit 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. 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 Centers 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 capital and asset-intensive 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.

Contacts:

Almaty Tech Garden:
Mukhtar Zhumaliev
Zhumaliyev.m@techgarden.kz
+7 778 999 4963

IntelliSense.io:
Joanne Hurley
joanne@intellisense.io
+44 (0) 1223 581201