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# **VIST**

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VIST is a part of Zyfra Group of Companies, which focuses on improving efficiency and safety of mining, oil and gas, chemical and machine-building industries in Russia. VIST was founded in 1988 by a group of like-minded friends who graduated from the Applied Mathematics Department of the Moscow Institute of Electronics and Mathematics. By the time the company was founded, its founders were working in industry and academic research institutes, which largely determined the future direction of joint activities related to the introduction of modern control systems and automated systems for various industries.

Since 1994 the mining industry has In 2019 VIST has successfully become a key area for VIST, and in tested the robotic dump trucks 1999 the company successfully brought to the market and to this as well as robotic drilling rigs at

BELAZ with a capacity of 130 tons, industry, the company won the day continues to develop its own the enterprises of the leading coal category Mining of the future in

For its work on the implementation of technological solutions in the international competition in the



mine fleet management system VG company in Russia. The robotic Karier. This is a hardware-software dump truck BELAZ was created complex for control, management and demonstrated within the and optimization of processes at a framework of the Intellectual mining enterprise, which allows Career project together with reducing the cost of mining. The equipment is effectively used at residents of the Skolkovo fund. enterprises not only in Russia, but The robotic dump truck operates also worldwide.

and demonstrated within the framework of the Intellectual Career project together with partners - the companies - residents of the Skolkovo fund. The robotic dump truck operates on the basis of artificial intelligence technologies: the loader can independently build a 3D model of the rock mass for loading, determine the most effective order of action, correlate its movement with the position of the dump truck.

Barcelona at IOT World Congress in 2019. Throughout its activity the company's specialists, engineers and IT-specialists found new innovative solutions for industrial enterprises.

### VIST was awarded by the Russian Government in

2009

in the field of science and technology for development own mine fleet management system VG Karier

## **Geography of partners**

VIST started to expand and develop its presence in Russian regions in 2000. To date, cooperation and partnership relations have been established with the world's leading manufacturers of quarry equipment



and mining and transport equipment. In addition, the company is a partner of many educational institutions, research centers and non-profit organizations to develop innovative technologies for the mining industry around the world.

### **Projects**

For 32 years since its foundation, the company VIST has already implemented more than 80 projects around the world for enterprises that are mining gold, coal, phosphates, non-ferrous metals, iron ore and other solid minerals. The company offers digital solutions for open-pit and underground mining, gold mining, concentration plants and metallurgy, industrial safety, industrial railway transport.

In 32 years of experience, VIST has already implemented more than

80 projects

around the world



in gold, coal, phosphates, non-ferrous metals, iron ore and other solid minerals mining projects

### **Priorities**

Today the VIST company pays special attention to participation in programs to stimulate the Russian industry and is a member of the technological platform of solid minerals.

One of the important tasks of the company is not only to attract new customers, but also to maintain partnerships with existing ones - modernization of systems used by customers, technical support, as well as expanding the functionality and adding new modules to meet the changing needs of mining operations.

# More than $32_{\text{years}}$ of experience



### **Contacts**



Russia, Moscow, 6, prospekt Vernadskogo

**L** +7 495 665-91-31

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