

The press service of the St. Petersburg Federal Research Center of the Russian Academy of Sciences (St. Petersburg FIC RAS) reported that scientists have developed a FORECASTATE software complex to detect cyberosis in industrial enterprises. The system uses artificial intelligence algorithms (AI) and demonstrates 30% less errors compared to existing analogues.

The development is designed to monitor the infrastructure of the Internet of Things (IIOT), which includes sensors, controllers and robots. These devices collect data to optimize production, but at the same time become a target for cyber attacks, information leaks and failures in software.

The framework is tested on various industrial systems, including water purification and network of electrical transformers. Modular architecture allows you to adapt it for different industries - from the oil and gas industry to mechanical engineering.

The use of FORECASTATE will help enterprises not only in the detection of cyberosis, but also in the prediction of equipment, preventing accidents and product quality control.