A. Tryfuntau
(*F. Skaryna GSU, Gomel*)

AUTOMATION OF MONITORING
OF ENTERPRISE LAN WORKSTATIONS

Рассмотрены вопросы автоматизации мониторинга ЛВС предприятий.

The information infrastructure of a modern enterprise is a complex combination of multi-scale and heterogeneous networks and systems. To ensure their smooth and efficient operation, a corporate-scale monitoring system with integrated tools is needed. The network administrator, who is most often responsible for monitoring the state of workstations or servers, should be able to monitor the load on them in order to respond to emergency situations in a timely manner.

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Services such as autoscaling use load monitoring systems to determine whether resources or applications need to be scaled.

Investments aimed at modernizing modern industrial equipment are inevitably accompanied by concerns about the efficiency of their practical use. In this regard, the interest of the management of enterprises in the monitoring systems of industrial equipment available on the market is increasing.

The recent demand for monitoring systems stimulates the active development of their competing varieties, which leads to additional problems of finding optimal solutions for the management of consumer enterprises. The problems of the systems presented on the market, their features and development prospects, the issues of their integration into production processes and adaptation to the existing personnel and the specifics of the organization of production determine the need for the development of various monitoring systems.

However, until recently, the very structure of the network management industry prevented the creation of such systems – companies in this market, with their developed monitoring systems, sought to lead by releasing products with a limited scope that use tools and technologies that are not compatible with the systems of other suppliers. Today, the situation is changing for the better – there are products that claim to be universal management of the entire variety of corporate information resources, from desktop systems to mainframes. At the same time, it becomes clear that management applications should be open to solutions from all vendors.

Recently, it is becoming more and more obvious that without the widest distribution of monitoring and dispatching systems, a modern effective innovative economy at the enterprise is impossible.