



KATOD

Leading Russian manufacturer

of Image Intensifier Tubes
and Night Vision Devices



History

Our history started on 19 October 1959, when Special Design Department (SDD) of Novosibirsk optical factory was officially registered. SDD was renamed into the State Enterprise "Katod" in December 1991. It was re-registered as a private company JSC "Katod" in 1999. During the first two decades since its initial inception the company conducted about 330 scientific, research and experimental design projects in cooperation with many Soviet universities. Scientific projects resulted in numerous developments such

as the following:

- Image Intensifiers for registration of short time photonic emissions;
- Image Amplifiers for high speed photography;
- Innovative technology of photomultiplier tubes (PMT) and electron-beam tubes (EBT) manufacturing.

Later our specialists took part in a scientific experiment of neutrino registration. Image amplifier samples with a large spherical photocathode "Kvazar", designed and made by Katod, allowed creation of a high sensitive interconnected photon detector with a large spherical resolution. That equipment was employed in the deep-water neutrino telescope at the bottom of Lake Baikal. Another significant R&D work was connected with the space exploration program. A compact photomultiplier design was developed to equip the "Soyuz" spacecraft. These devices served for scientific experiment of interplanetary flight with three stars orientation.

Until the beginning of the 80-s, SDD activity was not narrowly specified, and Image Intensifier Tubes development was just one of many research directions. However, in 90-s SDD had to find its own niche in the electrooptics industry. In 1996 Katod has started Generation 2+ IIT manufacturing. Generation 3 tubes were added to production in 1999. Simultaneously we started the full cycle NIVD manufacturing thus turning into vertically integrated enterprise.

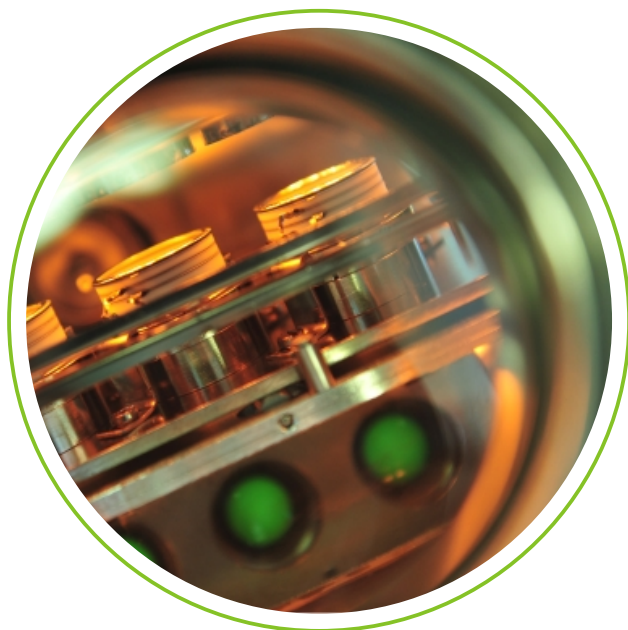
Nowadays JSC Katod is the leading Russian and world manufacturer of Image Intensifier Tubes and Night Vision Devices. We have grown from a small Development Department into a large manufacturing company with its own scientific resources.

At present JSC "Katod" is the only Russian company having a unique technology of Generation 3 Image intensifier Tubes mass production. Thanks to the accumulated scientific and production experience the company is able to perfect the level of technical parameters and promptly respond to market demands. This is the main factor, which enables us to become a true world leader in the industry.





KATOD



Quality

Quality has always been the top priority for our company.

The Quality Management System of JSC Katod is a part of the company Management System, which is a cornerstone of policy aimed at permanent quality improvement and maximum satisfaction of the customer's demands and expectations. The Quality Management System of JSC Katod was certified in February 2005 by a voluntary certification system 'Military Register'.

Since year 2005 JSC Katod twice confirmed its compliance with the requirements of the Russian and international standards: GOST R ISO 9001-2001 and GOST RV 15.002-2003. For the purpose of the best conformity to the international requirements the NATO standard AQAP-2110 was implemented in 2005.

Awards and Achievements

- JSC "Katod" maintains mass production of more than 280 IIT types producing many thousands of units monthly;
- JSC Katod was acknowledged as a member of top hundred of best exporters in the country and top twenty of the fast developing companies;
- Our leading specialists were awarded several times with the state prize in the domain of science and technology for scientific research and development for National Defense;
- The General Manager of the factory Mr. Vladimir I. Loktionov was awarded with a medal of II degree Order of Merit for the Motherland in 2007.

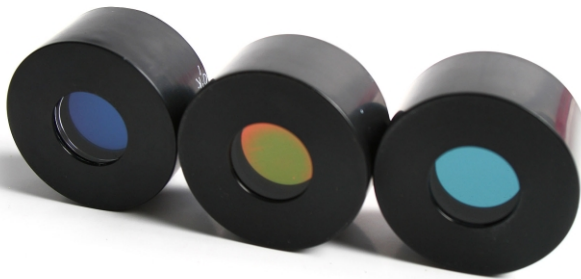




KATOD

Our Products:

Image Intensifier Tubes
(Gen. 2+ & 3)



Night Vision Devices



Digital Night Vision



Photomultipliers





www.katodnv.com

KATOD



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