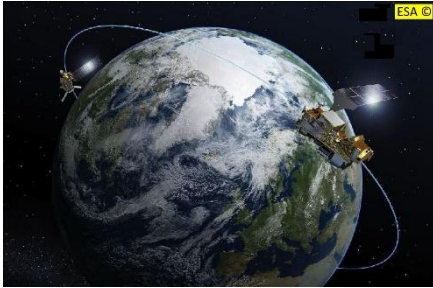


Corporate news

BD SENSORS on the meteorological satellite METOP SG



The goal of the METOP SG (Meteorological Operational Second Generation) space program is to develop completely new meteorological satellites that will orbit the Earth's polar orbit and capture high-resolution data to ensure many times more accurate and reliable weather forecasts anywhere on our

planet. This will be ensured by a total of 10 unique scientific instruments, which should work reliably at least until 2040. The launch of this ESA mission is scheduled for 2023.

Czech scientists and companies also play an important role in this project.

BD SENSORS participates in the development through its Space division and the production of a 3MI scientific instrument (Multi-viewing, Multi-channel, Multi-polarization Imager) for measuring, processing and graphical display of meteorological data. Our specific task is to produce a precise electronic unit FWC (Filter Wheel Controller) controlling the rotational movement of a complex mechanical system of optical filters, including testers to verify its proper function before the start of the space mission.

Work on the production of FWC began in 2015 and the production of final flight boards is now underway.

The picture on the right shows the FWC QM module manufactured in Kroměříž in 2019

