

# High-resolution Earth Observation Data for Universities



ScanEx Center offers to the international education community the possibility to get the universal small-aperture ground station UniScan with licenses to receive 100 scenes of EROS A, 600 minutes of IRS-1D and the unlimited access to SPOT 4 images within the first year of station operations, all included.

Initial inclusion of the license into the functionality of the UniScan station (as per the agreement with Operators of the respective RS programs) will enable to significantly decrease the total cost of the ground station and of space images for the universities and to make telemetry license prices affordable.

In keeping with its mission of streamlining access to the Earth observation data and understanding the role of a quality education in the development of the human potential, ScanEx R&D Center has been realising the possibilities of fitting up Russian and foreign higher education institutions with the real-time high resolution (up to 1.8 m) remote sensing data reception technology in 2009.

In such a way universities may efficiently use modern space technologies in education, research and development processes, applying up-to-date satellite data, received to own ground stations with the footprint of up to a radius of 2500 kilometres.

Selection of specific satellite programs for UniScan station depends on the university specialisation. Thus, for example, the Israeli EROS A satellite is intended to acquire very high resolution data (1.8 metres) for region development monitoring, detailed visualisation of middle and low resolution images and large scale maps updating. ImageSat Int. being the Operator of EROS A satellite plans to extend its operation till 2012.