

## **Abstract**

During the thesis, the design of the VSAT satellite network for the corporate network will be introduced, the rationale for choosing the topic of the project is given. Satellite communications is being explained by the development of traditional radio-relay communications by moving the repeater to a very high altitude, the advantage of being able to communicate anywhere in the world is justified, while mobile operators can only transmit data in a certain coverage area. In order to prove that the proposed project is quick and applicable, economic calculations will be developed and life safety issues will be considered.