

SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM (B2)  
Mobile Satellite Communications and Navigation Technology (3)

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## THE FUTURE OF INTERNET SERVICES

**Abstract**

After an early 2000s crisis, when 40% of recourses was unused the stable economical grow ensued. In 2008 total income to satellite industry increases 19% against previous year. But income to satellite production decreases 5% in last five years. TV broadcasting has shown the highest growth of income, near 17% among other utilities. In spite of this leasing companies have to sur-vive in case of financial crisis. So nothing predicts big income leap, cause of using traditional branches of income.

Contemporary information technologies are spreading so fast and so quickly born new popular tools as anybody did not imagine a few years ago. Twitter, Facebook, IM, LiveJournal, RSS, Skype, even traditional emails and web surfing demand solid internet connection. Every popular internet tool is owned by big company, which wants to increase profits and to be named as a "good" (users friendly) company. Sharing services with each other, making them free of charge, providing it to any platform and operational system – it is a short list of deals.

That is why the problem of mobile communication is a burning issue for users of different social groups and countries. Using GPRS/EDGE or fast HSDPA features from data plans of cell companies are expensive and very expensive in case of travelling to another country (in Russia even city), so mostly consumers have to choose inexpensive mobile internet and expensive phone calls or ex-pensive internet and cheap calls. In case of cheap internet, problem of phone calls would solve using Skype or Google Voice, but problems of changing country or going out of coverage zone have no solutions.

Satellites seem the best solution for this contemporary problem, but they are using like a special or an additional part of communication systems, cause of it dearness, especially compared with cell operator's data plans.

So the best solution is cheap internet for users, extremely popular tools for corporations and new technologies in satellite communications. These three decisions must be realize together, for example building huge satellite network by Google (the best and the biggest internet based company with effective advertisement tools) and setting up the lowest industry prices (free and ads or no free without ads) will give a powerful spurt to satellite communication development. Using program tools closely connected with hardware equipment will give Google the best oppor-tunity to win users confidence and make communications through internet so easy as simple phone calls.