The Complex Telemedicine projects to provide medical and social services to remote communities to address the spread and treatment of infectious diseases

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The "National Telemedicine Agency" Research-and-Production Union for today is leading in Russia developer and producer of telemedicine systems, based on modern information and communication technologies. The key element of this systems is Mobile Telemedicine Laboratory (MTL) equipped with necessary medical diagnostic and communication equipment for transmitting data of examination to the central clinics in the country or abroad. The laboratory is rigged on chassis with cross-country capacity or other mobile vehicle (for example on the boat). Between various modifications of this system are: 1. Telemedicine network SCAESNet (Satellite Communication AntiEpidemic Screening Network). SCAESNet project is considerable increase efficiency in fight with HIV, tuberculosis, malaria and other diseases, it also allows to accomplish a medical care break-through in the countries. This system can be adapted to fight against a various epidemics, in particular, against the avian influenza pandemics. It’s possible to say that using of telemedicine systems for fight against the avian influenza is a direct way for decision of this problem. 2. Multi-Functional Mobile Social Complex "CyberTwin". Designated to render universal compete set social services to the population of rural, remote and hardly accessible regions, including a complete set of mailing services, Internet access facilities, package of telemedicine service, banking services, commercial services. "CyberTwin" Complex is installed in a special-purpose isothermal van mounted on a cross-country frame and has workplaces for a mailing operator, collective access points "CyberMail" and a telemedicine point with appropriate equipment. "CyberTwin" Complex workplaces have access to telecommunication networks, Internet and telemedicine networks via special info-communication equipment, including a computer-aided VSAT satellite communication station.

Thank you.

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