

SUDAN WILL HAVE ITS OWN «VOLGA»

RUSSIAN HIGH-SPEED DWDM DATA TRANSMISSION SYSTEM «VOLGA» WILL APPEAR IN THE COUNTRY OF THE BLUE AND WHITE NILE

Development and partnership in a field of telecommunications and information technologies is a key activity of the Russian-Sudanese Business Council (RSBC) of the Chamber of Commerce and Industry of the Russian Federation.

In a domain of high-tech and intelligence solutions RSBC was joined by T8 - a leading Russian manufacturer of backbone fiber optic data transmission systems.

Today T8 experts together with authorized company of RSBC «Trans Afro Telecom» and a number of foreign partners are developing a strategy of project realization aimed at improvement and development of the Sudan's telecommunication network, information security in telecom networks, and usage of satellite navigation systems GPS/GLONASS. These projects should have a positive effect on adjacent sectors of the economy, including oil and gas industry. It is assumed that Sudanese high-tech companies will take primary and active part in implementation of common projects.

«We are interested in penetration to foreign markets, and consider that partnership with Sudan Republic is very prospective», - stated Konstantin Marchenko, strategic development director of T8. «Sudan is a large country with a long and famous history, rich with natural resources, - the same as Russia, - and specific parameters of telecom networks of our countries are similar in many respects. Our equipment and an experience of our engineers, with no doubts, can be effectively applied for development of Sudan's telecom networks».

The core product of T8 is a fiber optic telecommunication system based on wavelength division multiplexing (DWDM system) «Volga» with a maximal capacity of up to 9,6 Tbit/s. This equipment allows to build country-wide fiber optic backbones with length of segments up to thousands of kilometers. «Volga» system is well known in Russia and being actively implemented on the networks of Russian telecom operators. In 2013 the T8 company became a resident of the Technopark «Skolkovo» with a project of next generation DWDM system with a capacity of up to 25 Tbit/s.

«Volga» system has outstanding technical parameters that allow to reach record range of data transmission. In 2012 two world records were set:

- Transmission of 100 Gbit/s at 500 km without using of intermediate attenuators that requires power supply
- Transmission of 100 Gbit/s at 4000 km without signal regeneration and without using of dispersion compensators

«We are not only develop and produce the equipment, but build communication networks on a turnkey basis, - starting from development of the network's design and finishing with maintenance service of the created infrastructure and training of the customer personnel», - notes Vladimir Treshchikov, general director of T8. «This is crucially important for systems of such class, because the reliable operation of backbone telecom networks is an issue of national security. Our customers can always be confident that they will be provided with highly skilled technical support throughout the maintenance and development of the network».

In addition to DWDM systems, the T8 produces a range of high-tech special purpose systems based on optical technologies. For example, Russian oil and gas companies have appreciated the fiber optic system of monitoring and protection of extended objects «Dunay». It is able to register mechanical and acoustic activity in a pipeline protection zone (or protected site perimeter) and localize the influence with accuracy of up to 10 m. «Dunay» is an indispensable solution for remote covert surveillance of pipelines and perimeters with lengths of up to dozens of kilometers.

T8 telecom equipment is widely known on the Russian market and competes effectively with equipment from other world producers. T8 has built more than 45 000 kilometers of DWDM systems on the Russian territory, and provides their technical maintenance.

«Such systems like «Volga» and «Dunay» allow to use existing fiber optic infrastructure more effectively, and to build new networks at the most up-to-date level», - says Vladimir Treshchikov. «We are ready to work with Sudanese partners on a wide range of tasks - from building and modernization of national telecom networks to realization of special projects for the benefit of resource companies, oil and gas transportation companies».

Implementation of the ambitious telecommunication project in a region will allow to provide modern high-quality communication services to Sudanese people. Moreover, the modernization of national telecom network will result in significant increase of Sudan's ability to transfer transit traffic on its territory. It will provide a positive effect on increase of the budget of the country.

Trans Afro Telecom LLP UK was formed in 2010 particular for providing the assistance and collaboration for African high technology projects and has developed a strong market strategy aimed at space satellite, telecommunication and the oil, gas and water industries in specific markets in the world.

Trans Afro Telecom Group is based in Moscow and Khartoum and was formed as a Russian Chamber of Commerce Russian-Sudanese-Business Council international umbrella operating business company vehicle to develop market entry strategies for its clients and also to promote and develop Russian-Sudanese joint infrastructure large-scale telecommunication and GPS/GLONAS projects.

Trans Afro Telecom has exclusive relationships with some of the worlds leading technological and service operators that are within the market sector.

Trans Afro Telecom is reliable partner for these independent companies to develop a strong long term relationship in its target markets.

Trans Afro Telecom offers a seamless organisational structure to offer economically solutions , exclusive technology and services to key market partners.

Trans Afro Telecom Group and its partners are flexible in terms of market operations, format and structure and will meet all requirements and suggestions within reason of its clients both of Government and Corporate sectors.