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ANALYSIS OF THE GSM COMMUNICATION CHANNEL IN SECURITY SYSTEMS

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ABSTRACT

The article outlines the basic principles initially; wireless systems were not widely used due to low reliability. But now there is a wide range of various additional devices, and new generations of wireless communication systems are actively used. The capabilities provided by mobile operators are increasingly used in security systems. The capabilities provided by mobile operators are increasingly used in security systems. To date, wireless security systems based on the base have become widespread due to their relatively low cost and ease of installation and operation. The GSM-900/1800 cellular network provides good communication quality and is already deployed in most cities.

KEYWORDS: *GSM operators, GPRS channel, 3G, SMS messages, mode, DTMF, GSM/GPRS communication.*

REFERENCES

1. Fundamentals of telecommunication systems and networks: textbook for universities / VV Krukhmalev, NV Gordienko, AD Mochenov and others; under. Ed. VN Gordienko and VV Krukhmaleva. - M.: Hot line. Telecom, 2004 - 510 p
2. Anin B.Yu. Protection of computer information / B.Yu.Anin. - St. Petersburg: BHV - St. Petersburg, 2000.
3. Kartashevsky VG Motor communication networks / VG Kartashevsky, SN Semenov, TV Firstova. - M.: Eco-Trends, 2001.

4. Mobile communication systems: textbook for universities / V.P. Ipatov, VK Orlov, IM Samoilo, VN Smirnov; under the editorship of VP Ipatova. - M.: Hot line - Telecom, 2003. - 272 p., Ill.
5. Karimov U. et al. USING NEW INFORMATION TECHNOLOGIES IN DISTANCE LEARNING SYSTEM // NEW INDUSTRIAL REVOLUTION IN THE MIRROR OF MODERN SCIENCE. - 2018. - C. 9-11.
6. Karimov A., Muxammadjonov X. INFORMATION TECHNOLOGIES: INFORMATION EDUCATION AND INFORMATICS // Economics and society. – 2020. – №. 8. – C. 40-43.
7. Yahyo, Muhammad Amin. Protection from internet threats. Supporting tutorial. Tashkent, 2016.
8. M.Tojiyev, R.Salaxutdinov. Modern information technologies in the educational process. Tashkent, 2001.
9. <http://ru.wikipedia.org/>
10. <http://pbsecurity.ru/>
11. <http://tzmagazine.ru/>
12. <https://smekni.com/a/119758/>