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NATIONAL RADIO TELECOM CORPORATION
N R T C
PAKISTAN

National Radio & Telecommunication Corporation

Reliability - Quality - Self-Reliance

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sakoklkf:12235
akaoikmc:1213
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Communication Security

120   89

98   40

205

124

DATA
23233-5675
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Communication Security

Security needs confidentiality, integrity, non-repudiation, authentication, and access control. These solutions are implemented in a very wide range of areas where security and privacy are necessary.

Information Warfare historically as a concept, has tended to be more developed especially under military doctrine, and tends to favor technology, and tends to extend into the realms of Electronic Warfare, Cyber Warfare, Information Assurance and Computer Network Operations/Attack/Defense. Many nations across the world has included information security as 5th domain of warfare. Therefore, NRTC is providing security as primary feature in all of its communication products.

PCoIP Desktop K156D

NRTC's Zero Client Desktop provides ultimate information security using PC-over-IP technology. NRTC Zero Client Desktop has zero storage on it making it extremely secure. It uses AES encryption while transmitting data, keeping in view confidentiality, integrity and availability concern.

PCoIP Laptop

The world is pacing towards digital technology faster and faster with each day. Electronic media and devices are a major part of our lives. People rely on mobile devices, wireless and wired networks for all bigger and smaller tasks. Confidentiality, Integrity and availability also known as CIA are primary and most important concern of an organization. Mobile devices especially laptop computers, together with their data, are becoming an increasingly common threat for being theft. Protection of information stored on the laptop is a challenging task for information security manager. Therefore, NRTC offers Zero Client Laptop with zero data storage on the device.

NT10 Tablet

Commercial and ruggedized tablets in different sizes and customized specifications.

Secure IP Camera

The Usage of IP camera has increased day by day. The technology is getting easier to use and more people are installing cameras to monitor their premises, sensitive installations, and warehouses etc. . Home security video setups are increasingly targeted by hackers and bots. So, NRTC offers secure IP camera to encrypt the video stream from camera to the NVR. .

Secure IP Phone

Today, many organizations depend on a number of IP telephony services like voice calls, instant messaging, conferencing, and video conferencing. VoIP has its advantages, including lower network infrastructure costs, scalability and advanced features, such as unified communications and app integrations. But, security of VoIP is a big challenge. NRTC's IP phone is a secure, easy deployment, excellent sound quality with colored display supports. It supports advance key exchange mechanism i.e for each call and encrypts the voice calls with SRTP. Secure phone supports SIP over TLS for signaling security.

Secure Voice Application for Android

NRTC's Secure VoIP phone is an end-to-end VoIP encryption software solution, which turns an android mobile phone into a professional encryption communication device. Now you can protect communication against any interception attempts by business competitors, governmental services.

Secure VoIP encrypts full duplex speech conversation and also encrypts text messages. It does not require any hardware upgrades on the mobile phone. For the encryption, ZRTP based key exchange and 256 bit AES are used where the key is changed for every session, so highest encryption security is obtained.

NRTC's Secure SMS

NRTC's Secure SMS is android based application which protects your communication in transit and on your phone with AES-256. NRTC's Secure SMS is a full replacement for the default text messaging application.

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