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## Securing Record Communications: The TsecKW-26

By National Security Agency

Createspace. Paperback. Condition: New. This item is printed on demand. 24 pages. Dimensions: 9.0in. x 6.0in. x 0.1in. One of the missions of the National Security Agency (NSA) is to protect classified information whether in storage, processing, or transit. Collectively, information system security (INFOSEC) is the development and application of hardware, software, and doctrine. The in transit element, called communications security (COMSEC), assures that the underlying information is protected from external exploitation, disruption, or misrepresentation and is available only to authorized recipients. This brochure tells the cradle-to-grave story of highly successful cryptographic equipment for teletypewriter (TTY) communications, the TSEC/KW-26 and the people who developed, produced, and fielded it. The changes in communication technology leading up to the introduction of the KW-26 date back to 1907 with the introduction of the StartStop method of synchronizing printing telegraph equipment by Charles L. Krumm and his son, Howard Krumm. Until that time synchronous printing telegraph systems employed constant length codes, e. g. , a five-element Baudot. However, these systems required very accurate means for maintaining synchronism between electromechanical transmitting and receiving instruments. StartStop overcame this drawback by resynchronizing at the start of each character, making it no longer necessary to accurately control the speed...



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