

RDC 9000WMS SOFTWARE (IMPLEMENTATION OF STANAG 5066 REQUIREMENTS)

RADIO COMMUNICATION AND DATA EXCHANGE SYSTEMS

RDC 9000 WMS



The RDC 9000WMS (Wireless message system) software is an implementation of the STANAG 5066 directives. The main purpose of this software is sending electronic mail via the radio channel (KF, UKF). The data conversion is carried out by means of the adequate clients (attached to the mail are two implemented clients as part of the CFTP and HMTF standards). Additionally there is a possibility of connecting other clients (including the dedicated client depending on the needs) enabling the transmission of different types/standards of data e.g. IP frames or chat clients (communicator). The implemented in the RDS 9000WMS software clients are delivered along with the following installations: HMTF, CFTP, IP. The applications operates as a maintenance free station (being a gate for other computer) or can be installed directly on the operators station connected to transmission devices. The RDC 9000WMS can control the radio modem (also a built-in in the transceiver modem) for speeding up the transmission with neighbour nodes. For this purpose it uses the DRC (Dynamic Rate Change) Master/Slave algorithm for all modulations compliant with STANAG 5066C. Moreover the software can control the transceiver if it works in ALE2G mode (it selects the best available frequency then). The 3.0 version software possesses an integrated mail server, which is managed directly from the applications panel. Moreover the software possesses a function of distributing post mail via broadcast in the 5066 standard.

- compliant with STANAG 5066 w. 1.2
- supported operating systems: Windows NT 4.0 Sp. 6a, Windows 2000 Prof. Sp. 2, Windows XP Prof. (Sp.1 for IP client)
- cooperation with any electronic mail client operating SMTP and POP 3 (MS Outlook, Lotus Notes, Thunderbird, Kmail, Pine)
- DRC (Data Rate Change) Master/Slave functions for all modulations compliant with STANAG 5066 Annex C
- CA (Collision Avoidance) function
- remote user interface
- controls via Any KF modem and KF transceiver compliant with STANAG 5066 Annex E
- operation in terminal Or Server mode
- user interface In Polish, English and Russian language version (on request in any version)