Overview

Communication protocol has been developed by Mobile Techno Corp. (MTC) to realize:
- Ultra low power consumption of terminal devices for longer battery life
- Communication with a large number of terminal devices (>10,000) for a large network

Features

✓ The original protocol on standard communication SoC
  ◆ Ultra low power consumption with sporadic TX/RX method
  ◆ Reduced terminal cost using a standard chip
✓ System management server and wireless communication control software, including:
  • Terminal network coordinating function
  • The communication management function
  • The area management function
    each designed and developed suitable for specific use-cases
✓ Testing and maintenance functions developed for hand-held terminals

Use-case

The wireless system control server can manage the display devices, such as electronic shelf labels, that are distributed in a large indoor area thru relay devices.
  ◆ Extremely long operational life with a button battery
  ◆ Only one control server can manage a large number of terminals (>10K) thru relay devices

Fixed LAN  Wireless LAN  Original power saving protocol

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