

## MICRO SEVEN, INC. Technology and Application

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### Technologies:

- Analog, digital, and microprocessor-based Product design experience for over 37 years
- Software technology using C, Visual C++, Basic, iOS/Swift, assembler language and Android/Java
- Digital Signal Processing for analog signal detections
- Telephone interface technology
- Internet, email and server/client interface knowledge
- iOS apps development
- Blue-tooth BLE design
- Encryption and decryption
- Voice recording and synthesis

### Application of technologies:

- Telephone line simulators: Central office simulators (CO simulators)/ MINI-PBX SIMULATORS with DSP and microprocessor-based product design for [LS15](#) (rechargeable battery operated 2-line), [LS110-4](#) (4-line) and [LS200-8A](#) (8-line) and PC300 (32-line). MINI-PBS SIMULATORS are useful in local voice communication such

as in baseball stadiums, prison/police stations, demo-rooms, test and demonstrate telecommunication equipment and many other areas.

--Digital alarm receivers including [CM10](#), [CT10](#), [LS15-E+](#), [LS15-E+ \\_TRIPLE](#) and [TripleQ\(iOS\)](#) for telephone communication and ER15A for IP communications.

--Digital alarm dialers, [AP15-4](#) and [AP70](#) for telephone and IP network dialer [AP30](#) from PC application program and [AP15q](#) from iPhone® app.

-Alarm message monitor using IP108 for receiving digital alarm messages in [IP108 System](#) from alarm panels and transmitting digital alarm message data to IP receiver, [ER15A](#).

IP108 System is compatible for Contact-ID, Pulse 4+2 and SIA-FORMAT protocols. It contains an alarm receiver for an alarm panel to send an alarm message for each event. IP108 converts received alarm messages into data packet to send the data to a dedicated IP receiver and ER15A transmits acknowledge signal to IP108. Then IP108 transmits kiss-off tone to alarm panels.

[VM10a](#), wireless DMM and oscilloscope with iOS app

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