Winlink for EmComm

Denver ARES
(Amateur Radio Emergency Services)

What is Winlink

- An email system designed to work with amateur radio

- Supports all basic email functions

- Has special features for standard forms (ICS)

- Works in multiple modes

    – Internet, special radio gateways, peer to peer radio

Why use Winlink

- Provides a single common interface, regardless of how the messages are being delivered
    - Learn once, use anywhere

- Provides specific support for EmComm documents

- Provides a common protocol across jurisdictions

- Integrates radio with standard emails

Peer to **Peer**

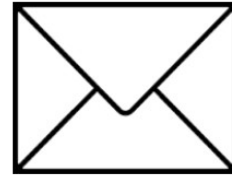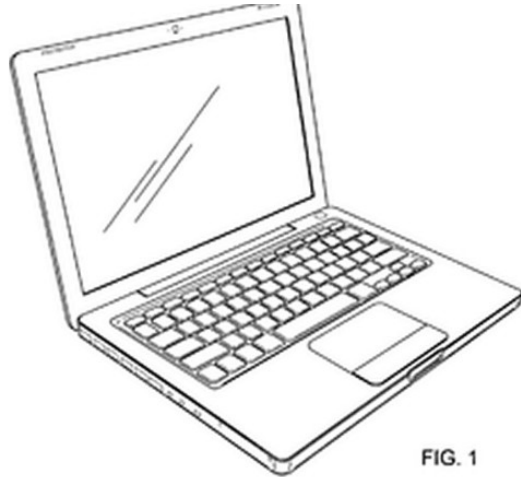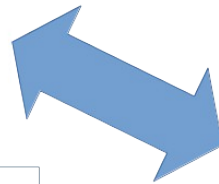Peer to **Peer**

Gateway

Gateway

Internet

Email

Email

WinLink
Common Message Server
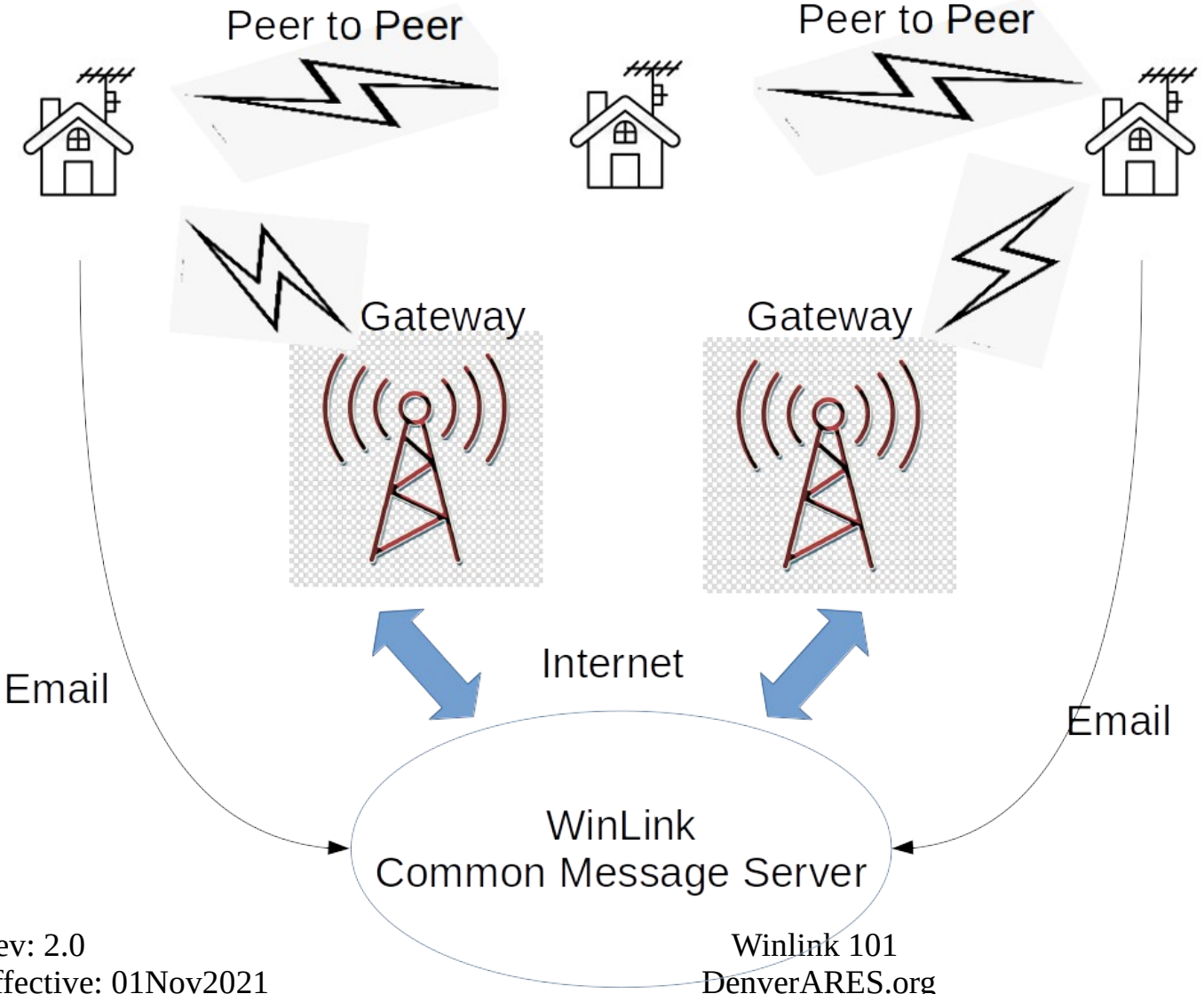
Simplest Station Setup

FIG. 1

WinInk Express,
Internet

Done

Simple Relay Station
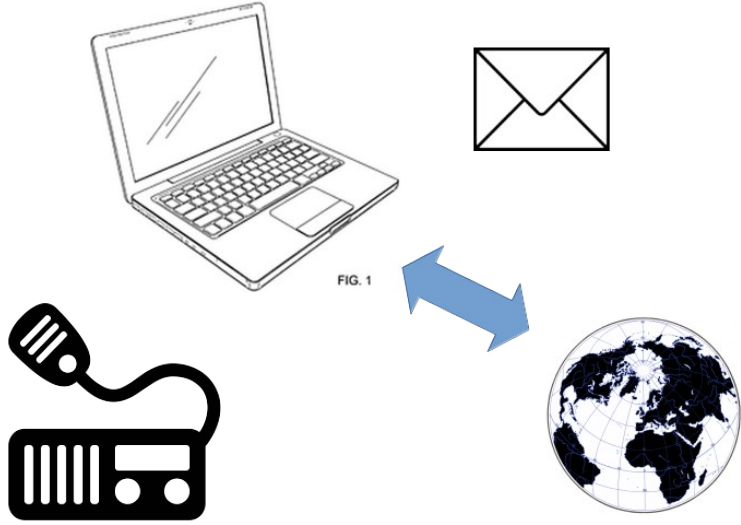
Radio,
WinInk Express,
Internet
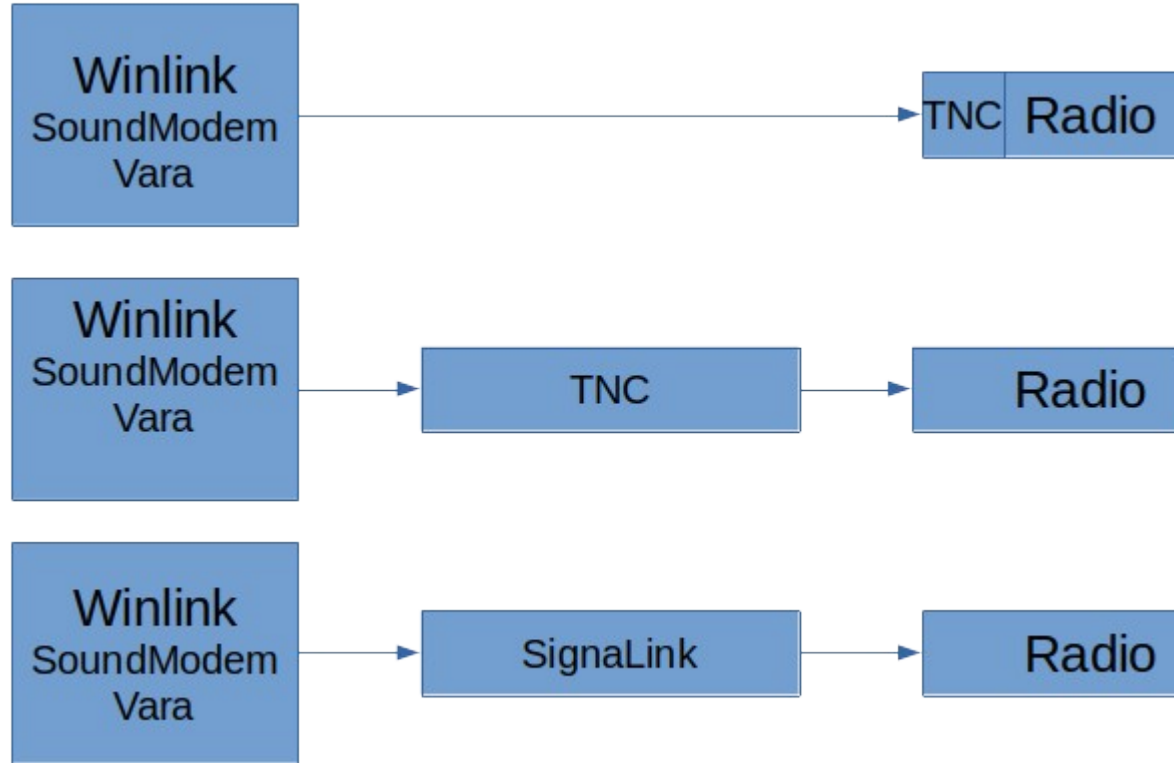
Winlink Relay Station

No Internet Station Setup
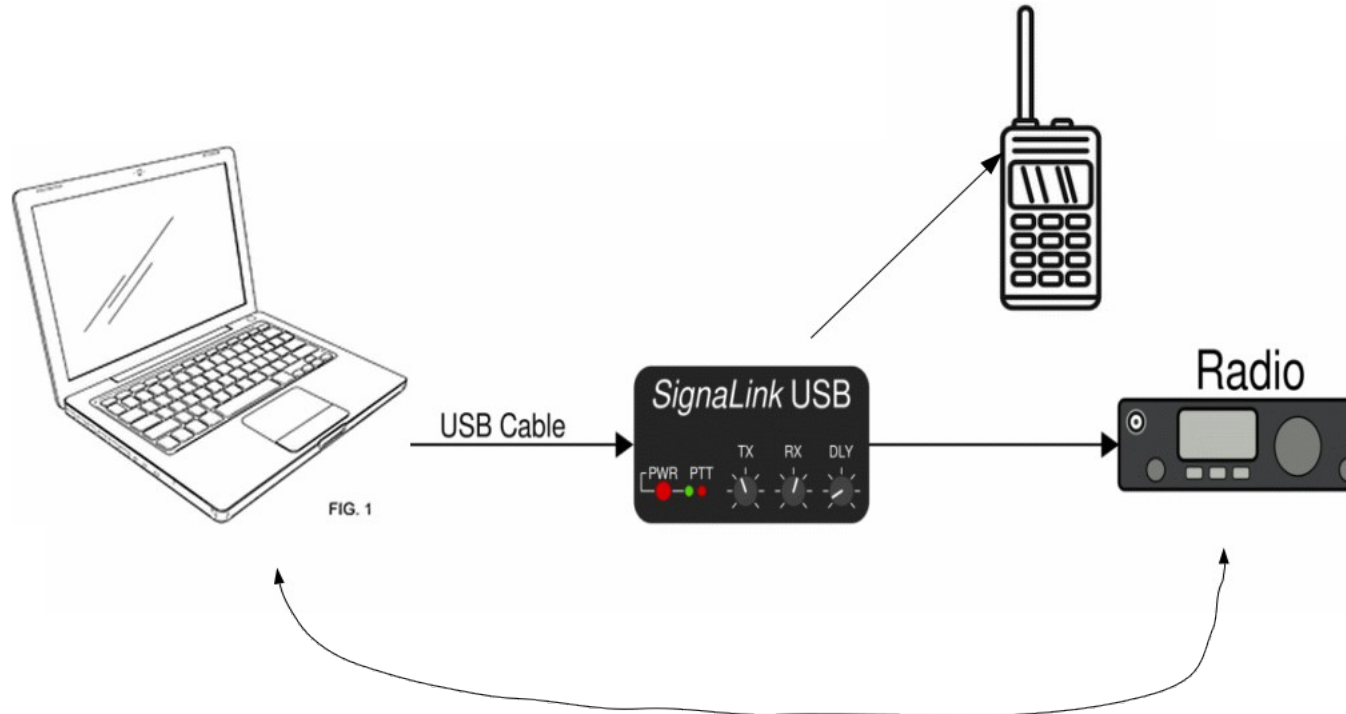
Different station configurations

Software Setup

- Winlink Express

- Packet Assembler
  - Soundmodem
  - Direwolf
  - Vara
  - ARDOP

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Soundmodem

Winlink Main

Winlink Session

Vara is the new standard

- More robust
- Higher through put
- Better tools
- But, no monitor function (yet)
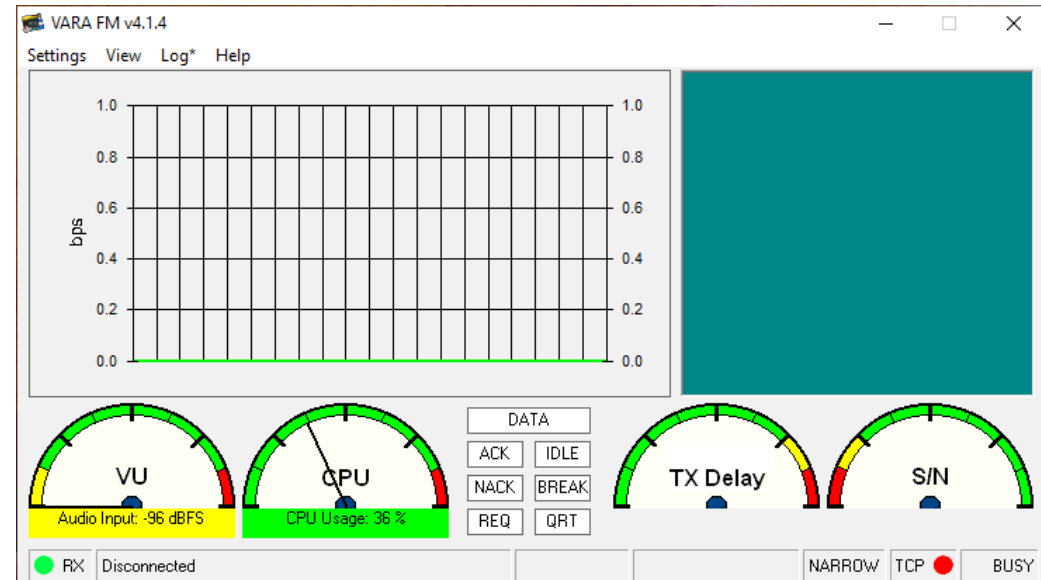
Moving Forward

- Denver ARES
  - http://denverares.org

- EmComm Winlink Training – weekly
  - https://emcomm-training.groups.io

- WinLink
  - https://winlink.org/