



# ITECS

Illinois  
Transportable  
Emergency  
Communications  
System





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## The ITECS Radio Signature

- “ITECS” + the host agency’s IEMA Region #
- IEMA Region #s are: 2, 3, 4, 6, 7, 8, 9, 11
- ITECS hosted by Chicago OEMC is “5”
- Example: “ITECS 11”

(hosted by Williamson County EMA in Region 11)





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## The ITECS Package

- As delivered from vendor
  - Trailer, 10 kW Genset, Shoreline, Enclosure w/ racks
  - Exterior storage cabinets, Satellite dish, 50' tilt and raise tower
- Additions during build-out – prior to delivery to host agency
  - Power distribution & UPS
  - Satellite electronics, Network, Radios, Computers
  - Telephone system, PA systems
  - Cabinetry, Safety items





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## The ITECS Package – Major items

- Base station radios
  - 2-VHF, 2-UHF repeaters, 1-800 repeater
- 1 ACU-1000 - 9 “mobile” radios connected to ACU-1000
  - 3-VHF, 3-UHF, 1-800, 1-Starcom, 1-Lowband
- 59 Portable radios
  - 24-VHF, 24-UHF, 11-800 (+ spare batteries for each portable)
- 2-way Satellite System providing:
  - LAN, WAP, Internet access, EMnet messaging
  - VOIP via Panasonic Hybrid 6 trunk/18 station PBX
- 4 Laptop computers + HP All-in-One scanner/copier/printer/fax
- Videoconferencing (via satellite internet link)





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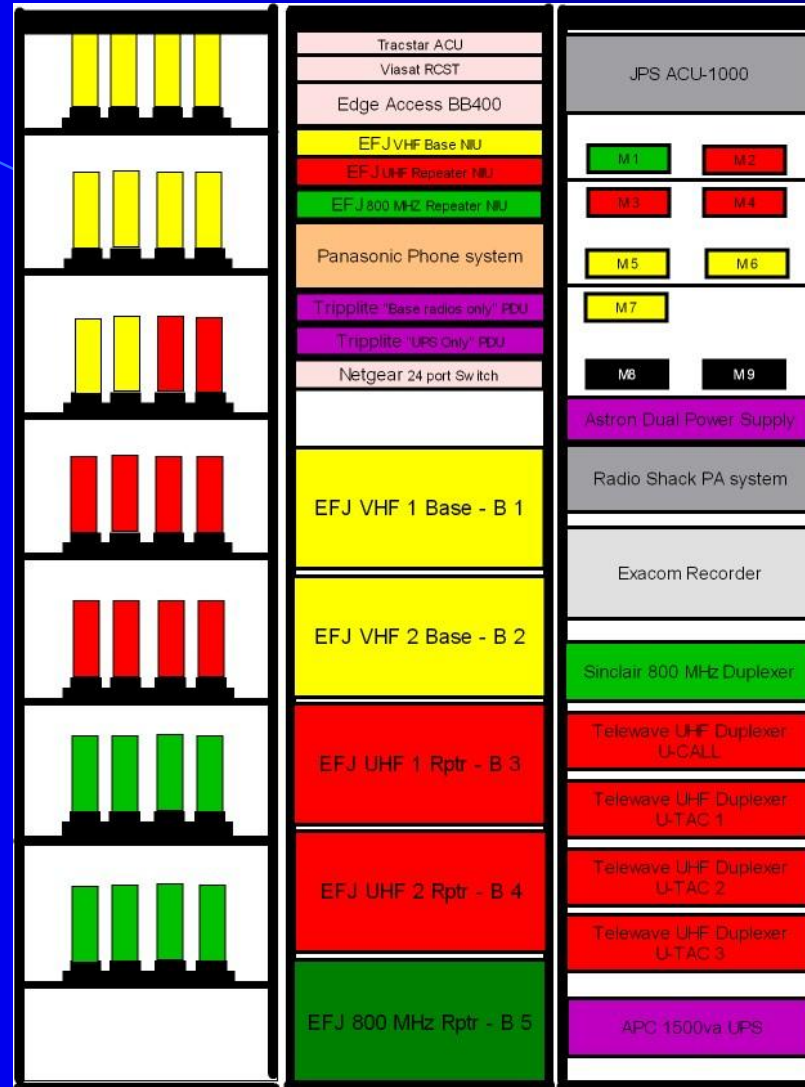
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## Illinois Transportable Emergency Communications System





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## Capabilities

- Infrastructure replacement
  - Damaged or destroyed towers and/or base station/repeater radios
- Communications support to field-deployed forces
  - Mobile command posts (UCVs)
  - Fixed site, incident specific command posts
  - Tasked teams





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## Deployment Staffing

- Supervisor / Frequency Manager – prepared to assume COML role is so tasked
- Electronics / Computer Technician
- Mechanical Technician





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# Questions??

