IEEE 802.23
Emergency Services Working Group

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Emergency Services for 802

The 4 Quadrants of Emergency Services

- Authority to Citizen
- Authority to Authority
- Citizen to Authority
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What is this?

Citizen to Authority

A “call” (i.e. session oriented) event.

We are focussing on VoIP
FROM: An end user
TO: Emergency Services (Police, Fire, etc. PSAP)
EXAMPLES: 911 in North America
112 in Europe, etc.
999/995 in Singapore

See: http://www.sccfd.org/travel.html
Why are IP Emergency Calls Different?

- VoIP is different from circuit switched
  - Layering issues
- Location
  - Needs to come from origination edge (vs. legacy central database)
  - Not inherent in an IP system
  - May be obscured by VPNs
- Mobility (e.g. via a WiFi Hot Spots) produces all sorts of problems
  - Foreign/transient users
  - Authorized vs. unauthorized users
What is 802.23 doing?

- Investigating/developing architecture to address UNAUTHORIZED ACCESS problem.
- Unified (across 802) approach to LOCATION.
- Work with IETF (ECRIT & GeoPriv) to establish interfaces and complimentary elements in higher layers.
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Where? When? Who?

• Room 4601B 4th Level.

• Tuesday/Wednesday/Thursday
  8:30 AM – Noon, 1:30 PM – 5:30 PM

• CHAIR: Geoff Thompson
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802.23 Report