IEEE 802.23
Emergency Services
Working Group
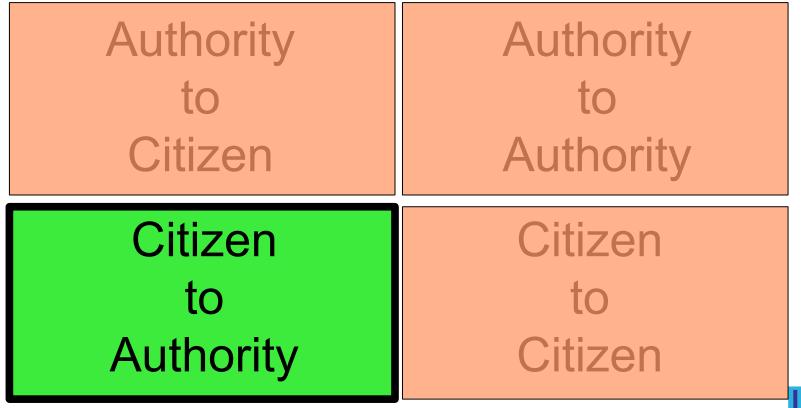
Geoff Thompson
802.23 Working Group Chair
e-mail: thompson@ieee.org

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Emergency Services for 802

The 4 Quadrants of Emergency Services

Authority to Citizen	Authority to Authority
Citizen to Authority	Citizen to Citizen

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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

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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

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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
  E-mail   <thompson@ieee.org>

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802.23 Report