AVAYA
The Power of We™

Avaya
Public Safety
Solutions

Enterprise E911 Location Discovery
New Innovations and Solutions for Enterprise
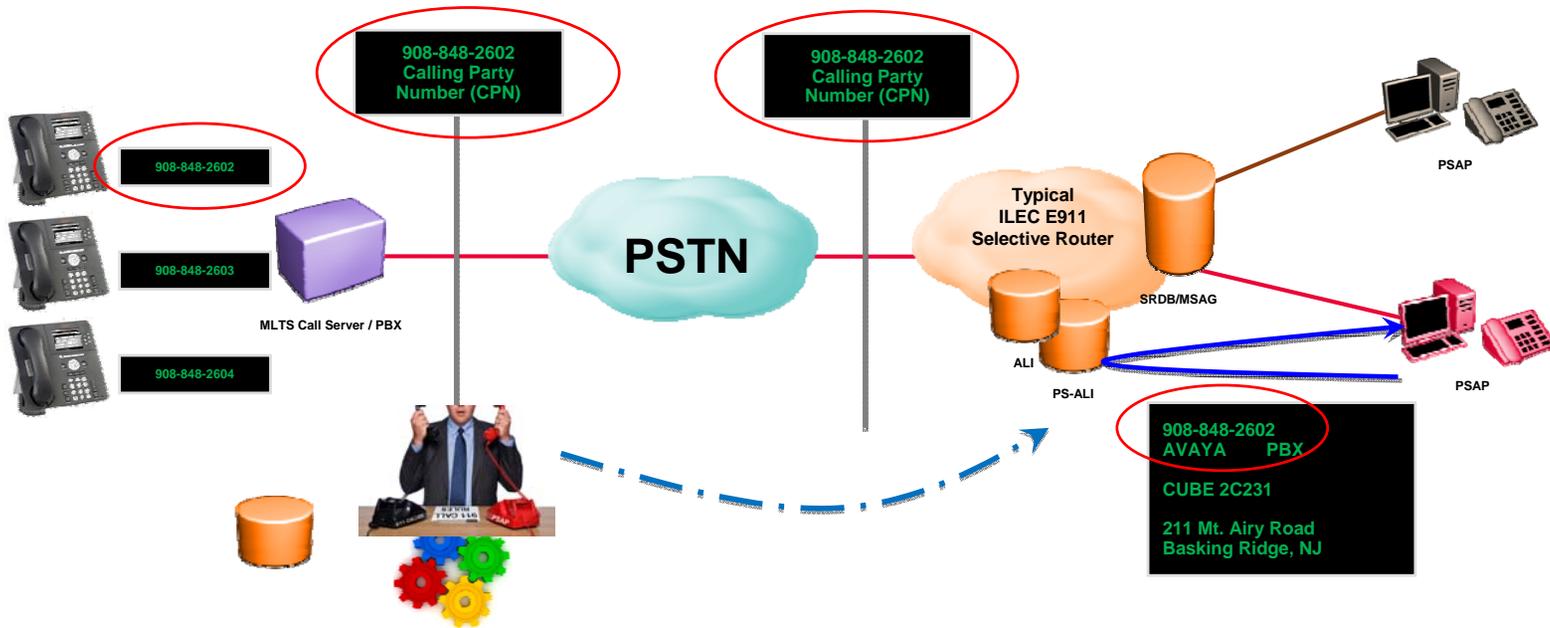
Mark J. Fletcher, ENP
Avaya Public Safety Solutions

http://Fletch.tv
http://Avaya.com/Fletcher

E911 - Yesterday's Fix

- Implement automation, update the PS-ALI database

908-848-2602

908-848-2603

908-848-2604

MLTS Call Server / PBX

908-848-2602
Calling Party
Number (CPN)

908-848-2602
Calling Party
Number (CPN)

PSTN

Typical
ILEC E911
Selective Router

SRDB/MSAG

ALI

PS-ALI

PSAP

PSAP

908-848-2602
AVAYA   PBX

CUBE 2C231

211 Mt. Airy Road
Basking Ridge, NJ

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Public Safety
Solutions

E911 Yesterday's Fix – Part 2

- Implement PBX automation, use DYNAMIC PS-ALI database
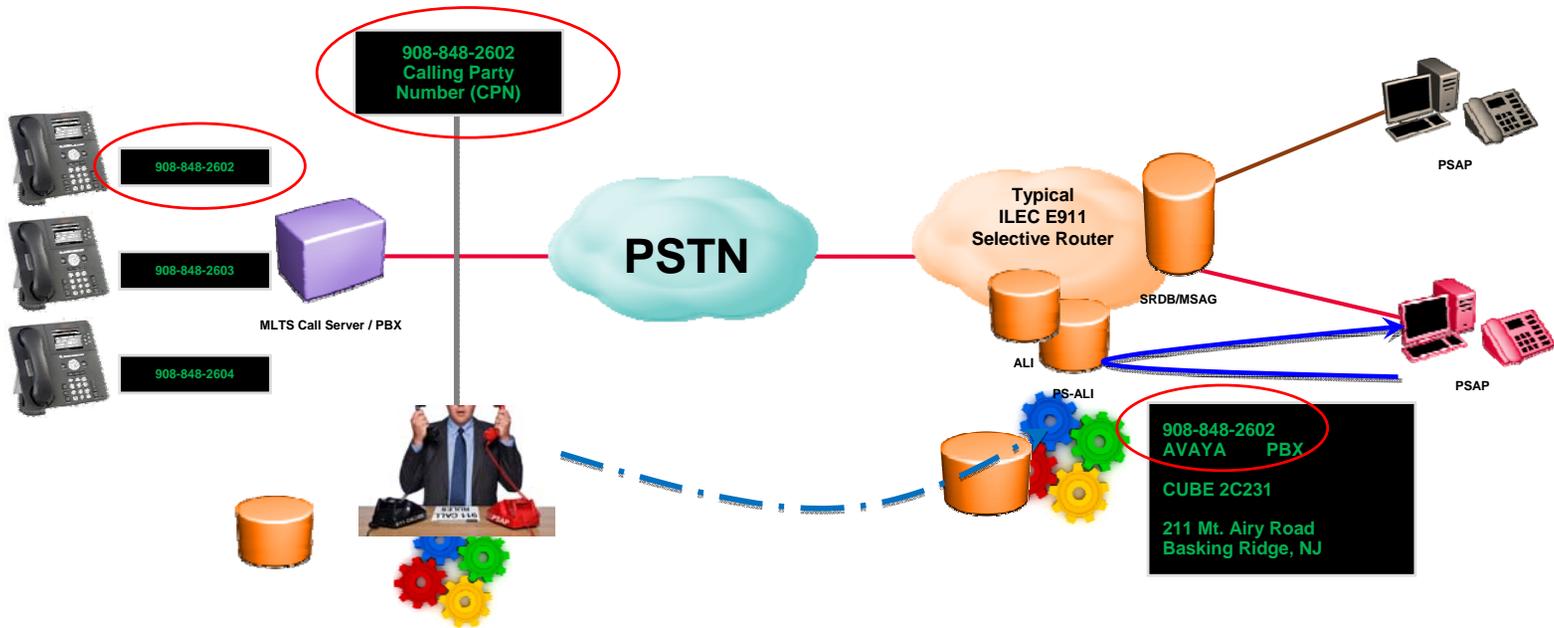
Delivering Additional Data via **ANI/ALI** to E9-1-1

Location URI/URL conveyed in the ALI Record

•Enterprise Location Management (ELM) servers in the DMZ provide information about:

- • **Users**
- • **Devices**
- • **Location**
- • **Environmental Data**
- • **Event Correlation**

•This will empower Public Safety with additional information enabling better decisions

- • **Temperature Sensors**
- • **Video feeds**
- • **Physiological data**

PSAP

MLTS

REGISTRATION

Analog CAMA Trunks w/ANI

EGRESS OF CALL WITH ADDL ALI INFO

LOCATION DISCOVERY

RETRIEVAL OF ADDL DATA WEB PORTAL

ALI RECORD

http://Bit.Ly/123UsTvr56

DMZ Firewall
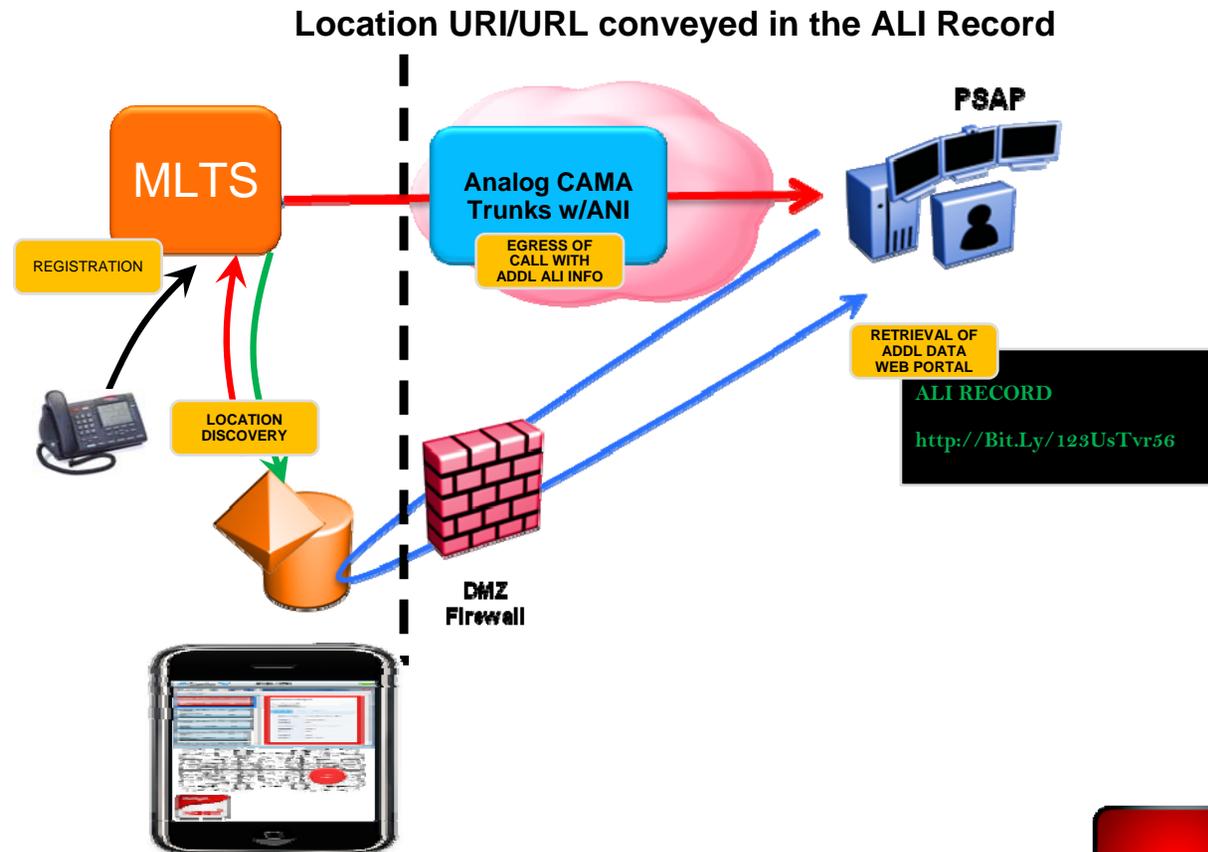
Delivering **PIDF-LO** to NG9-1-1
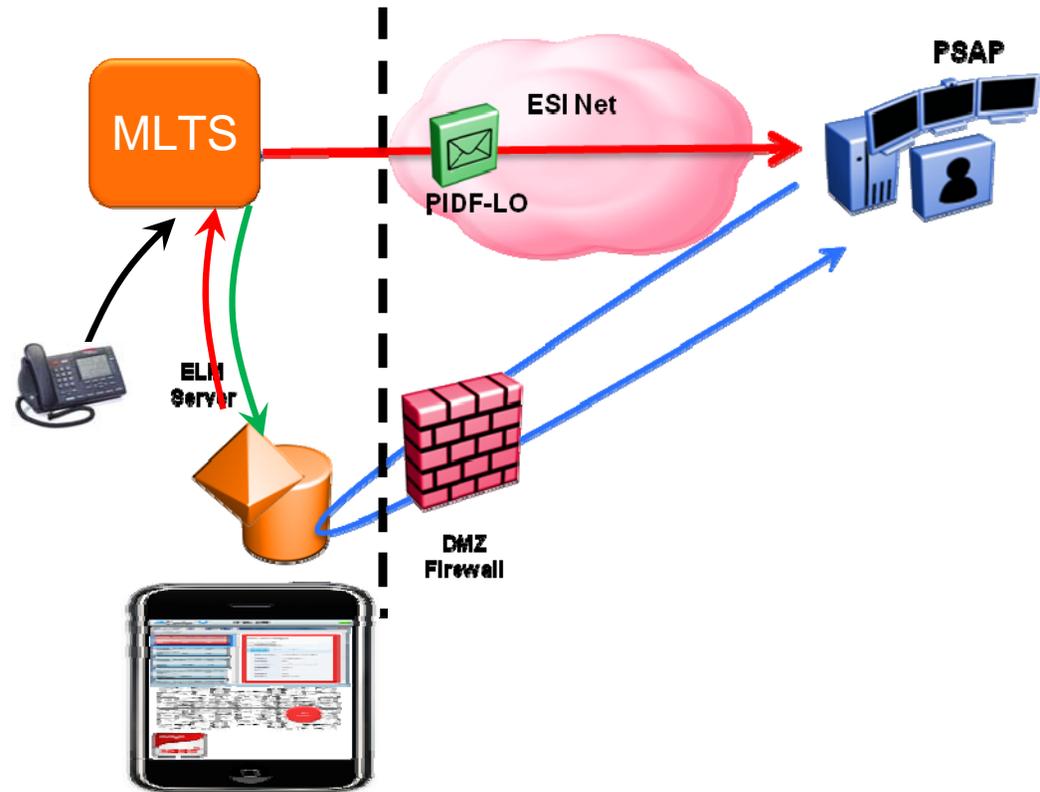
Location URI/URL conveyed in the SIP header

•Enterprise Location Management (ELM) servers in the DMZ provide information about:

- • **Users**
- • **Devices**
- • **Location**
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Connecting Public Safety to the Event
Connecting the Event to Public Safety

Situational Awareness

Being aware of what is happening around you and understanding how information, events and your own actions will impact your goals and objectives both now and in the near future