Maryland Department of Transportation State Highway Administration (MDOT SHA)

MDOT
MARYLAND DEPARTMENT OF TRANSPORTATION

STATE HIGHWAY ADMINISTRATION

I-95 Corridor Coalition Computer Aided Dispatch Workshop
April 23rd – April 24th, 2018
Maritime Institute of Technology and Graduate Studies

Presented By:

Richard R. Dye
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Office of CHART & ITS Development
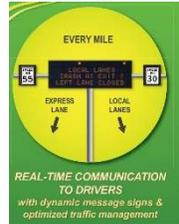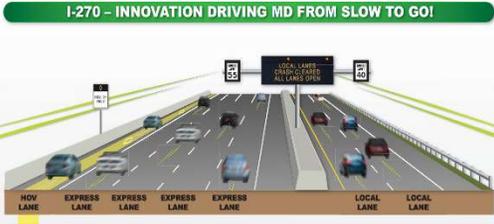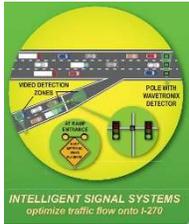
Why Should we Share?

According to the USDOT/FHWA

- Most traffic incidents are first detected by means of a cellular telephone call that is received at a Public Safety Answering Point. The information is then routed to the appropriate public safety dispatcher (law enforcement, fire-rescue, medical) for response, but may not go to a transportation management center (TMC). Often TMCs find out about the incident through their own devices, usually several minutes later.

- The TMCs have traffic and transportation related information that would be important to public safety responders both to **enable quicker response** and also to **manage the incident scene more effectively**. That information may not get to public safety agencies. Towing and recovery companies can be left out of the loop entirely except for voice communications with law enforcement.

https://ops.fhwa.dot.gov/eto_tim_pse/technologies/data.htm

How Have we Shared in the Past?

We started by trying to talk to each other.

How Have we Shared in the Past?

Then we co-located, but we STILL had our dedicated boundaries. Notice how the sliding glass window keeps our information pointing toward us!

How Have we Shared in the Past?
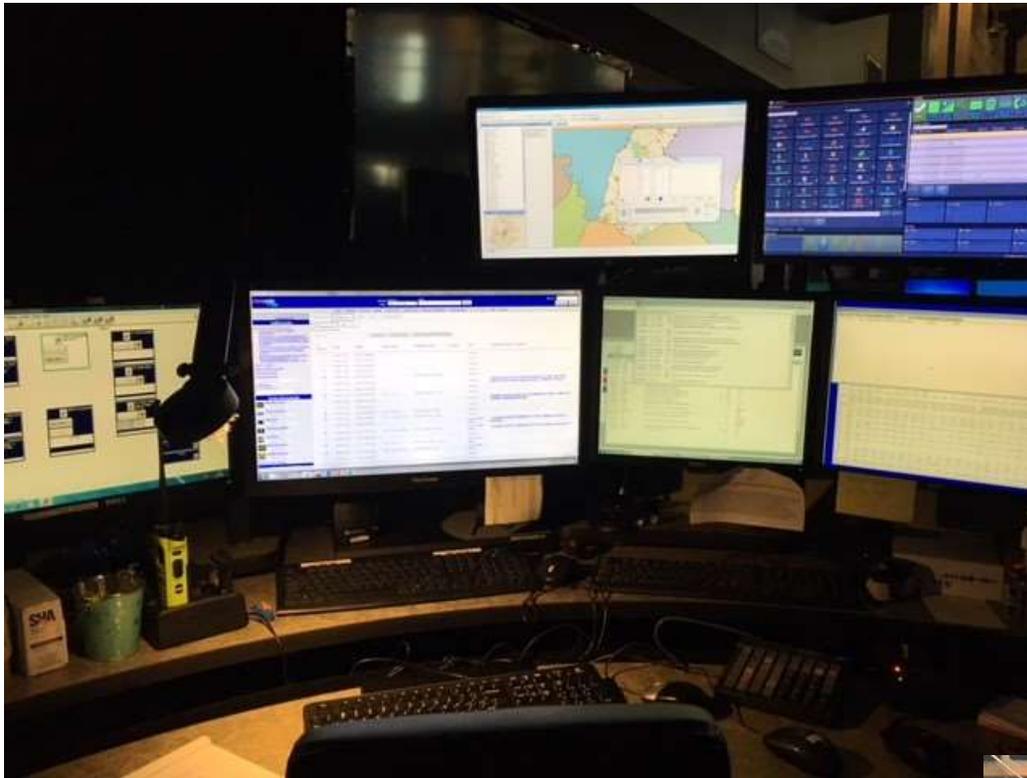
TOC7 in Western MD was moved to the 911 floor. The PSAP added CHART as an "entity" in their CAD so we could have a "View-only" look at their events

A few years later his led to full ability to take over certain events, such as disabled vehicles, and worl them to completion

We experimented with getting rid of the window and using each other's systems

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Why Should We Integrate?

So why are we here today?

- If we share data by phone
  - And radio
    - And leaning through a window
- If we use copies of each other's systems
- If this would enable quicker response and also manage the incident scene more effectively

What stops us from integrating our systems allowing us to each use the system we are best trained on and most comfortable with?