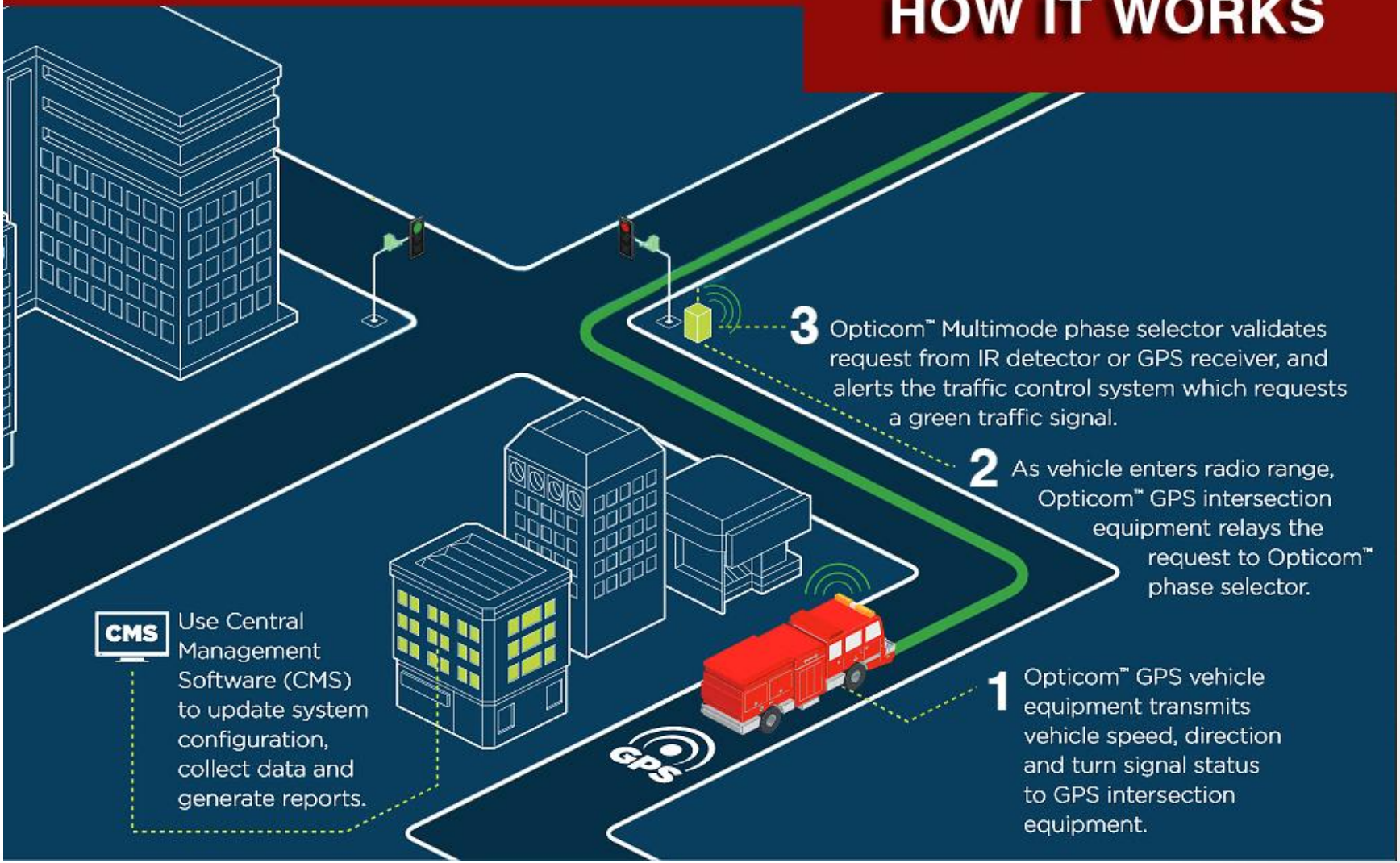
Emergency Vehicle Preemption

"Extending Our Reach"

+ Assistant Chief John Caussin
+ Strategic Planner, Laurie Stone
+ Captain Brian Edmonston

EMERGENCY VEHICLE PREEMPTION
HOW IT WORKS

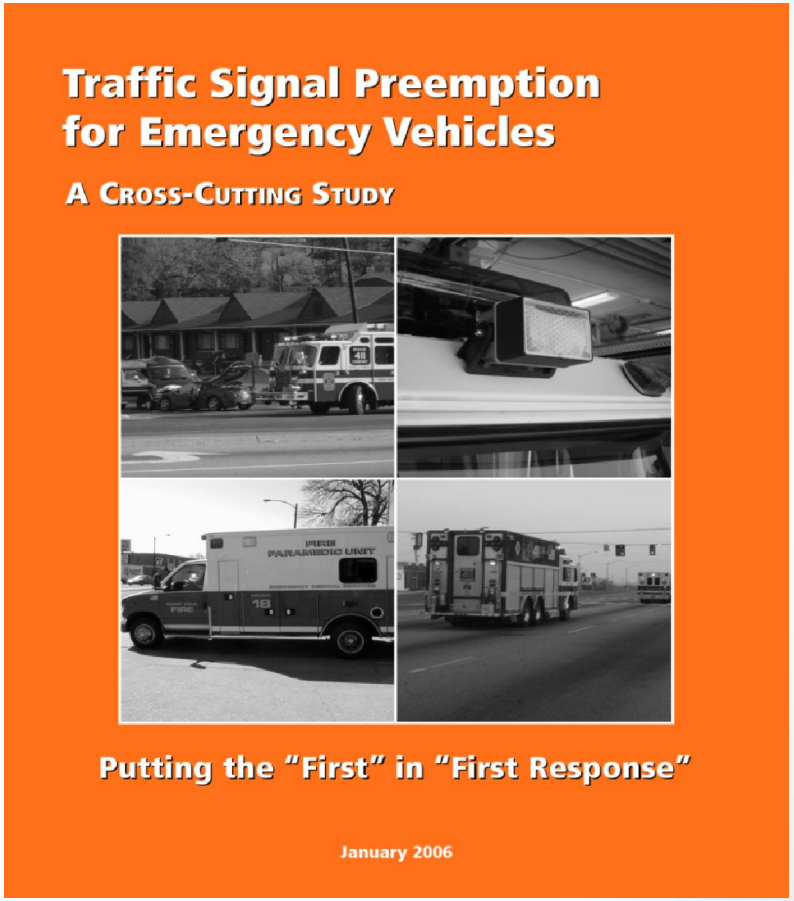


Why we need emergency vehicle preemption?

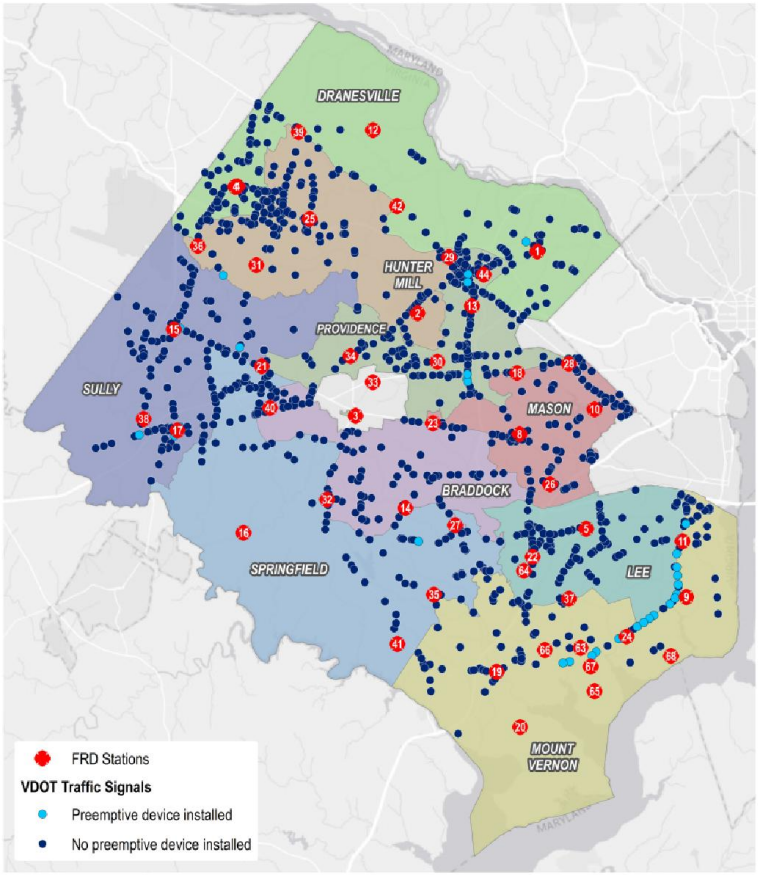
NHTSA Study: Fairfax emergency vehicle preemption

Benefits of EVP:

+ Help reduce the risk of accidents at intersections
  - Improved safety and reduced liability
+ Better response times
  - Reducing response times anywhere between14–23 %
    **Approx. 70 seconds on a route with 3 to 6 signalized intersection*



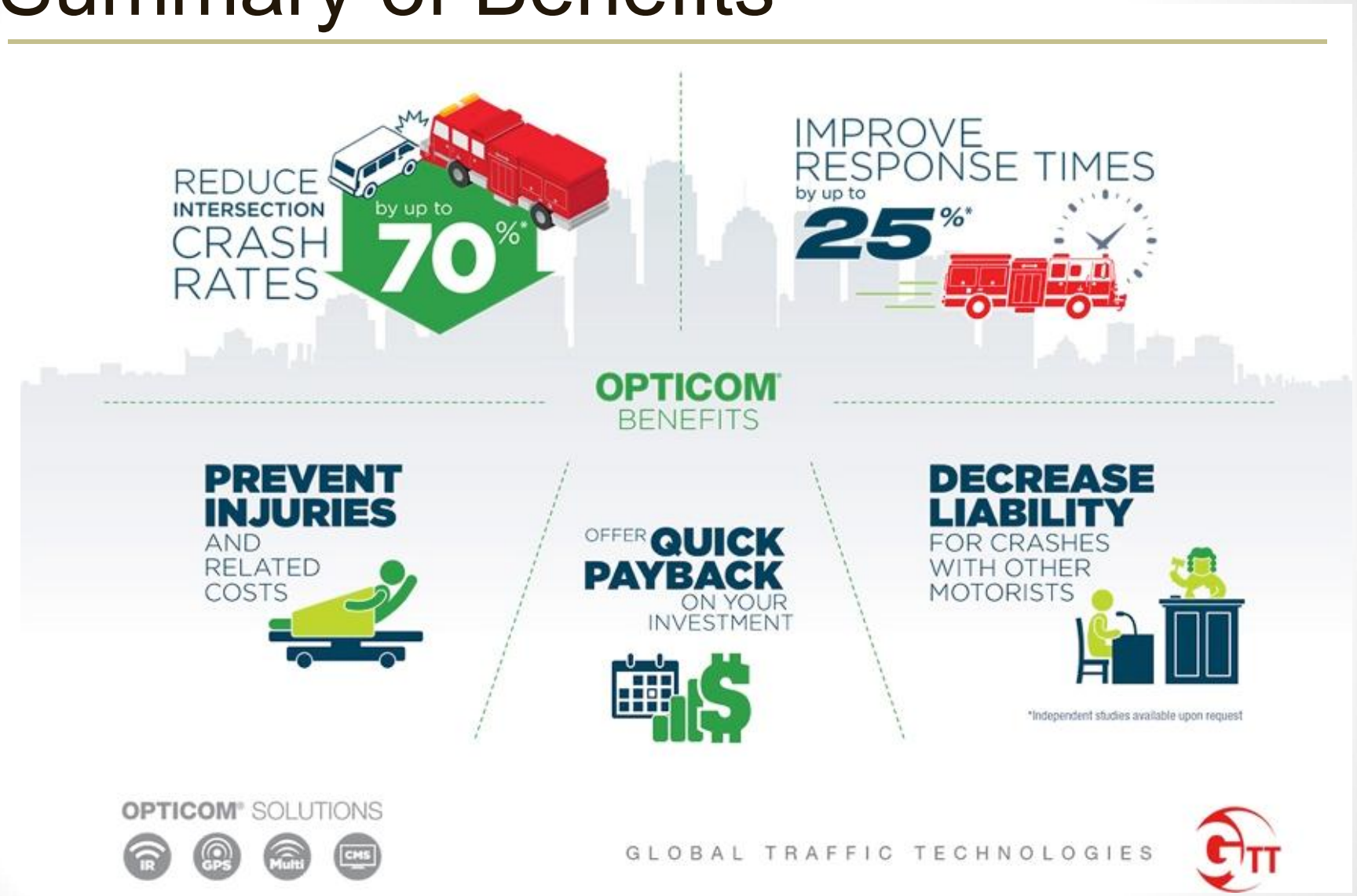
Implementing Preemption Technology



+ Strategic Initiative to Expand Emergency Vehicle Preemption (EVP)

- Cooperative Partnership with Stakeholders
  - VDOT, FCDOT, WMATA
- Fostering Interoperability
  - Prince William County, Loudoun County, Fairfax City, Town of Herndon, Town of Vienna

+ Pursuing Various Funding Sources

- Grant Funding
  - Assistance to Firefighters, Northern Virginia Transportation Authority, DOT Grants (TIGER)
- CIP Funding
- Development Proffers

Summary of Benefits