



Presentation to:  
Management, Operations, and ITS Policy &  
Technical Task Forces

July 11, 2006

On Proposal to Develop:  
***Common Field Reporting and  
Communication System for Transportation***



Center for Advanced Transportation Technology



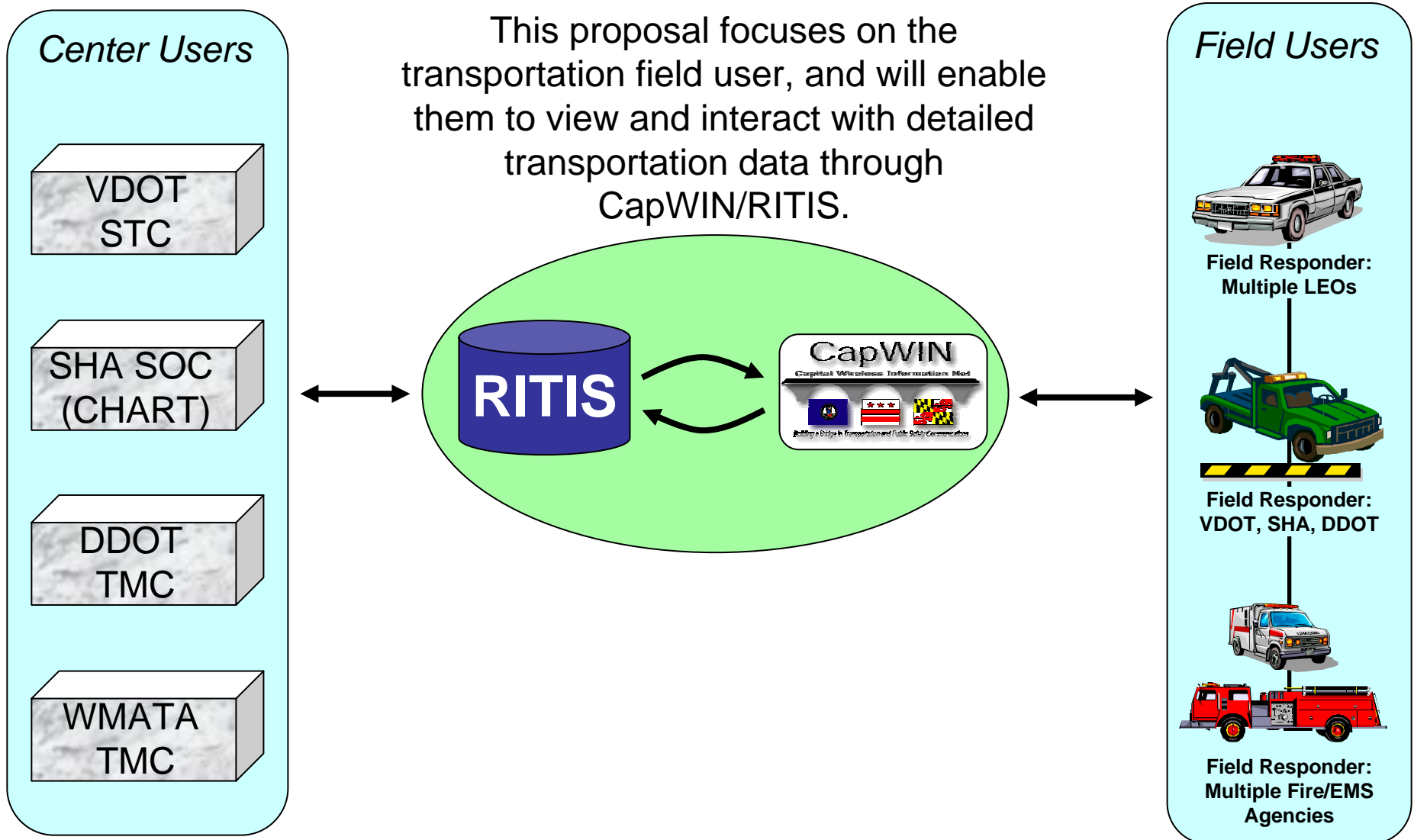
DRAFT - June 2006

# Proposal Background

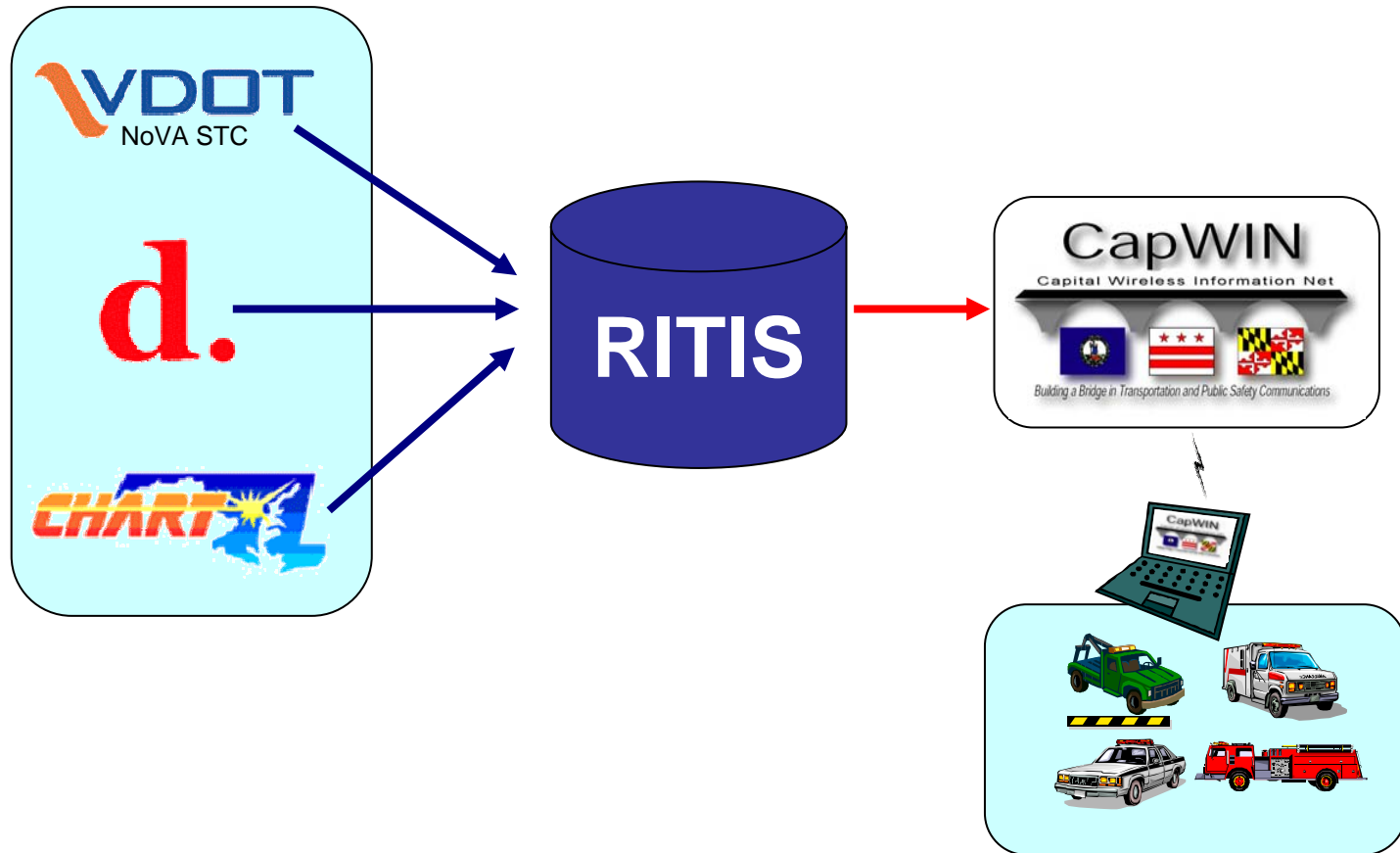
---

- Funding – \$1.66M FY 2003 ITS Earmark Funds
- Enhanced TMC to field data communications and field user access to transportation data
  - Builds on Existing Applications & Integration Efforts
- Consistent with Regional Transportation Coordination Program Efforts

# Regional Integrated Transportation Information System (RITIS) Connectivity Overview – *Proposed*



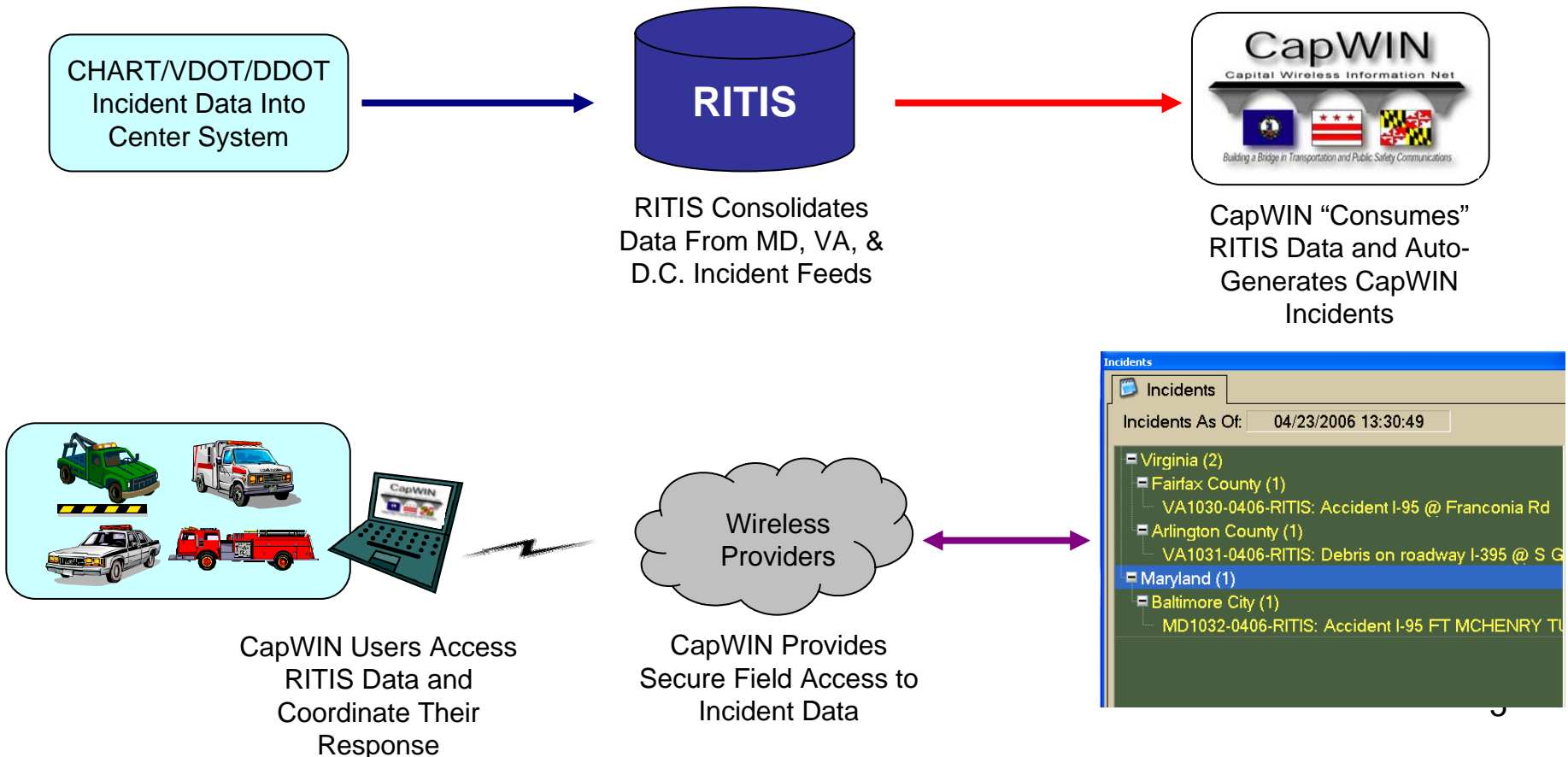
# Regional Integrated Transportation Information System (RITIS) Connectivity – *Current*



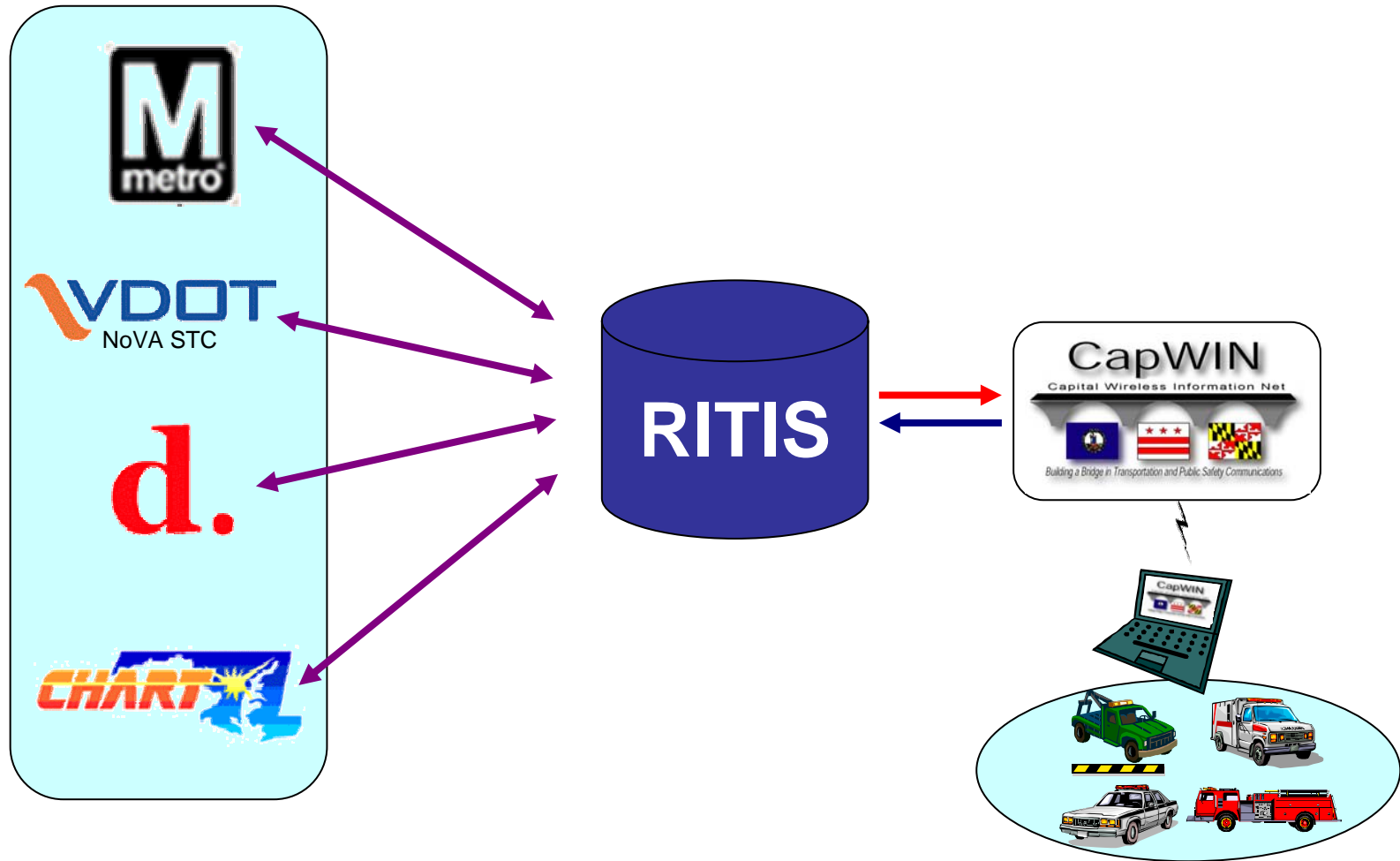
# RITIS

## RITIS Data Integration Successes – Current

CapWIN integration of the RITIS feed has successfully “pushed” TMC data to both transportation and public safety field users



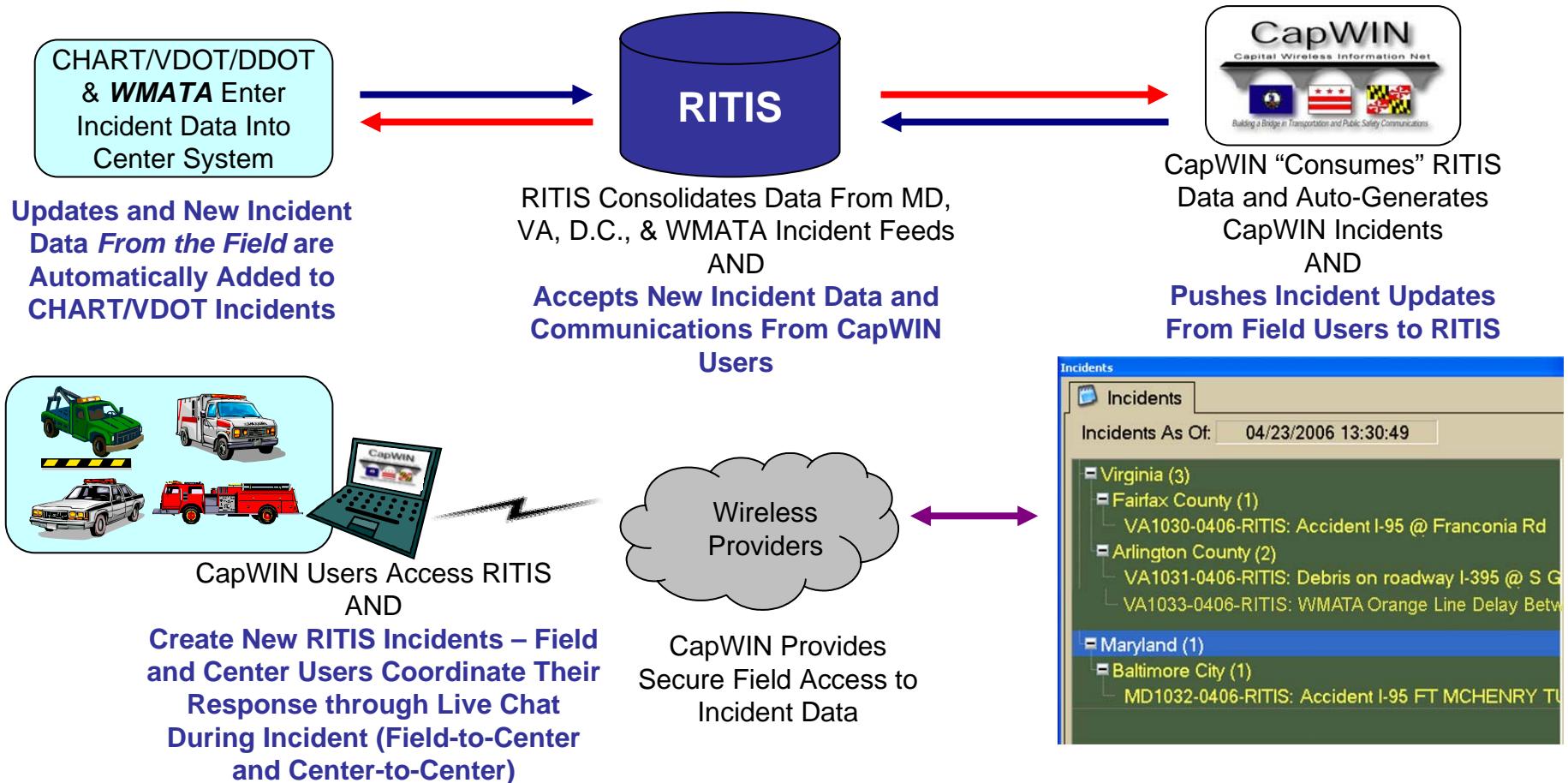
# Regional Integrated Transportation Information System (RITIS) Connectivity – *Grant Proposal*



# RITIS

## Proposed Grant Enhancements

Further integration will enable “bi-directional” data exchange between field and center users, including automatic updates and incident creation from field users and interoperable communications between center and field personnel



# ITS Grant – *Proposed Outcomes*

1. Common interface (single application front-end) for transportation responders in the field
2. Ability to gather more detailed transportation data via CapWIN interface, e.g., motorist assistance activities
  - a. Provides the basis for the development of detailed performance measures
3. Bi-directional communication between field interface (CapWIN) to originating systems via RITIS feed
4. Integration with additional incident capture systems, e.g., WebEOC
5. Integration of additional incident supporting data, e.g., law enforcement CAD data
6. Integration of preliminary GIS capabilities, e.g., EMMA/MEGIN/VGIN through the creation of automated map and resource information
7. Development of processes to ensure consistent and effective use of new and existing tools

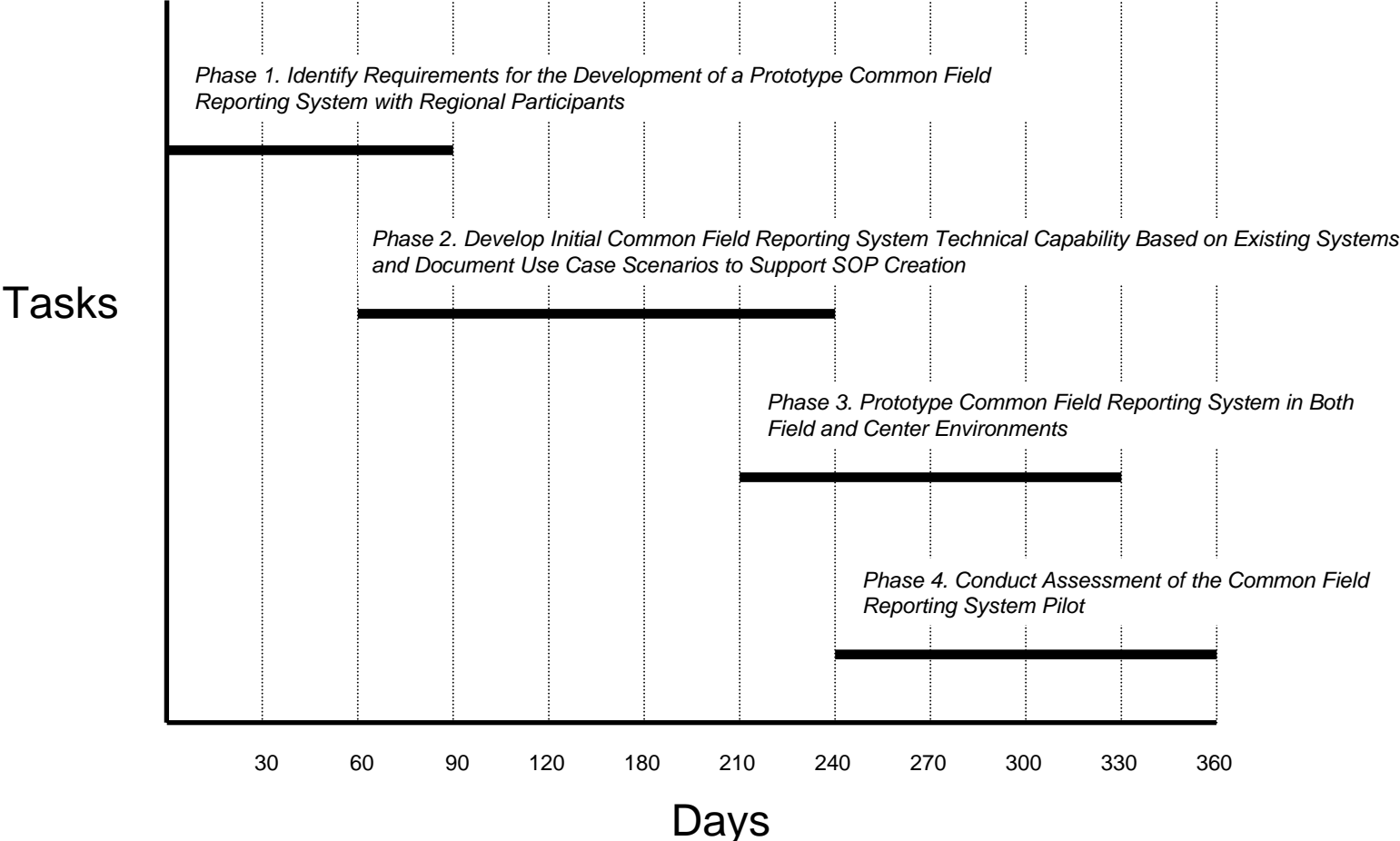


# Issues To Be Addressed

---

- Programmatic scope (merits, cost-benefits, opportunities, etc.)
- Detailed budget and project plan
- Timeline for stakeholder approval
- Consistency with ITS regional architectures and use of system engineering process
- Incorporation of RITIS ConOps Working Group session outputs

# Draft Schedule



# Questions

---

