

Intelligent Transportation Systems (ITS) Commercial Vehicle Information Systems and Networks (CVISN)



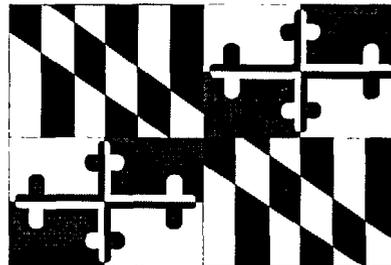
MD CVISN Prototype Project Status Summary Debbie Rogers, MD MVA

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Kossiakoff Center

Prepared for:



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Maryland Prototype Objectives (from project plan)

- Improve Highway Safety & Public Safety
 - Timely Distribution of Safety and Credential Information to Computers at the Roadside
 - Electronic Collection of inspection and other Data from the Roadside and Distribution to State and National Systems
 - Performing Electronic Clearance Checks of Safety, Weight, & Credentials
- Make Maryland a Better place for Motor Carriers to do Business
 - Electronic Application for Credentials & Tax Payment by Carriers
 - interfacing of State Systems to the IRP and IFTA Clearinghouses
 - Performing Electronic Clearance
- Improve Exchange of Data Among Legacy Systems
- Explore Feasibility & Benefits of Advanced CVO Concepts
 - Prototype a Short Haul Electronic Clearance Capability
 - Prototype the Paperless Vehicle Concept
 - Prototype an Automated Safety & Weight Data Collection Capability

Maryland Prototype - selected active Phase 28 tasks

WBS and Task Name
MD CVISN Work Plan
1 Program Management
1.1 Planning & Coordination
1 1 .1 MD CVISN Project Plan, Work Plans, and Cost Estimate
1.3 Carrier Coordination
2 System Engineering
2.2 System Design
2.3 System Integration
3 Carrier Svstems
3.1 Fleet Credentialing
3.1.1 RSIS CAT
3.1.2 IDT CAT

Maryland Prototype - selected active Phase 2A tasks (continued)

WBS and Task Name
4 State Systems
4.1 Safety Information
4.2 CV Administration
4.2.5 VISTA/RS
4.2.11 Credentialing Interface
4.2.13 Motor Carrier Home Page
4.3 Electronic Clearance
4.3.3 Roadside Electronic Screening
4.4 Facilities & Equipment
4.4.1 Communications
4.4.2 Computer Systems
4.4.6 Roving Crew Equipment (DMSP)
4.4.7 Roving Crew Equipment (MdTA)
5 Evaluation

Maryland Prototype

Accomplishments - First Quarter 1997

- ◆ MD State Highway Administration and MD State Police worked with APL to refine Roadside Electronic Screening (RES) implementation concept at the West Friendship site
- ◆ Initiated work on cost estimates for RES at West Friendship
- ◆ Agreed to be the pilot for EDI XI2 version of the IRP Clearinghouse interface
- ◆ Established working relationship with IDT as developer of MD CAT and CI Build 0; reviewed and approved development plan
- ◆ Established regular MVA architecture review meetings; began tracking task progress
- ◆ Prepared preliminary project plan for MD IACG review; available as an example document for the January Pilot States workshop
- ◆ Reached agreement with Teamsters Union representatives to participate in the MD CVO strategic planning activities

Maryland Prototype

Key Activities - Second Quarter 1997

- Work actively with APL on Credentialing Administration (CA) requirements analysis for future CA software builds
- Review and approve MD Project Plan, with cost estimates, and Phase 2A & 2B work plans
- Establish configuration control procedure for the project plan and the MD system architecture
- Test accept, and implement the CAT/CI Build 0 software packages; begin evaluation process
- Install and test MD CVIEW
- Provide WWW access to MD credentialing forms (as printout from Internet)
- Finalize an operations concept and cost estimate for roadside screening implementation; determine a multi-year strategy

Maryland Prototype Issues

- Lockheed's decision on implementing EDI for VISTA could impact the MD architecture
 - architecture revisions could result in schedule impacts

Maryland Prototype Status Summary

WBS	WBS Item	Key dates	Notes
MD CVISN Prototype			
1	Program Management	On-going	M) Inter-Agency Coordinating Group (IACG) in operation
1.1	Planning & Coordination	On-going	regular project reviews underway for MVA ISC work
1.1.1	MD CVISN Project Plan, Work Plans, and Cost	Apr-97	release delayed to determine impact of revised RES and CAT/CI strategies
1.3	Carrier Coordination	On-going	working very well
2	System Engineering	On-going	recent heavy workload has spread resources thin
2.2	System Design	On-going	previous designs need review for impacts of new contractors' approaches
2.3	System Integration	May-97	most integration activity on hold until IRP VISTA and EDI strategy is resolved
3	Carrier Systems		
3.1	Fleet Credentialing		
3.1.1	RSIS CAT/CI Build 0	On-going	just now being installed; schedule to be revised shortly
3.1.2	IDT CAT/CI Build 0	Jun-97	now scheduled and underway
4	State Systems	On-going	mainframe cutover will reduce availability of MVA ISC resources for next 3 months
4.1	Safety Information		
4.2	CV Administration		
4.2.5	VISTA/RS	Apr-97	Lockheed EDI plans yet to be announced; update expected during this Workshop
4.2.11	Credentialing Interface Reqs. Definition		
4.2.13	Motor Carrier Home Page		
4.3	Electronic Clearance	On-going	planning on hold pending roadside screening approach resolution
4.3.3	Roadside Electronic Screening	On-going	Strategy under review; meetings to finalize ND approach are planned
4.4	Facilities & Equipment		
4.4.1	Communications	On-going	requirements need to be clarified in the near term
4.4.2	Computer Systems		
4.4.6	Roving Crew Equipment (DMSP)		
4.4.7	Roving Crew Equipment (MA)		
5	Evaluation	just started	baseline for current credentialing practices now getting underway