



Overview of IntelliDrive Policy Program

**IntelliDrive Safety Workshop
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Agenda

- Overview of IntelliDrive Policy Program
- Safety Policy Roadmap Development
- Lessons Learned
- Recent Activities for Policy Program
- Status of Policy Activities for Research Programs

IntelliDrive Policy Program

Goal:

Structure a comprehensive research agenda that...

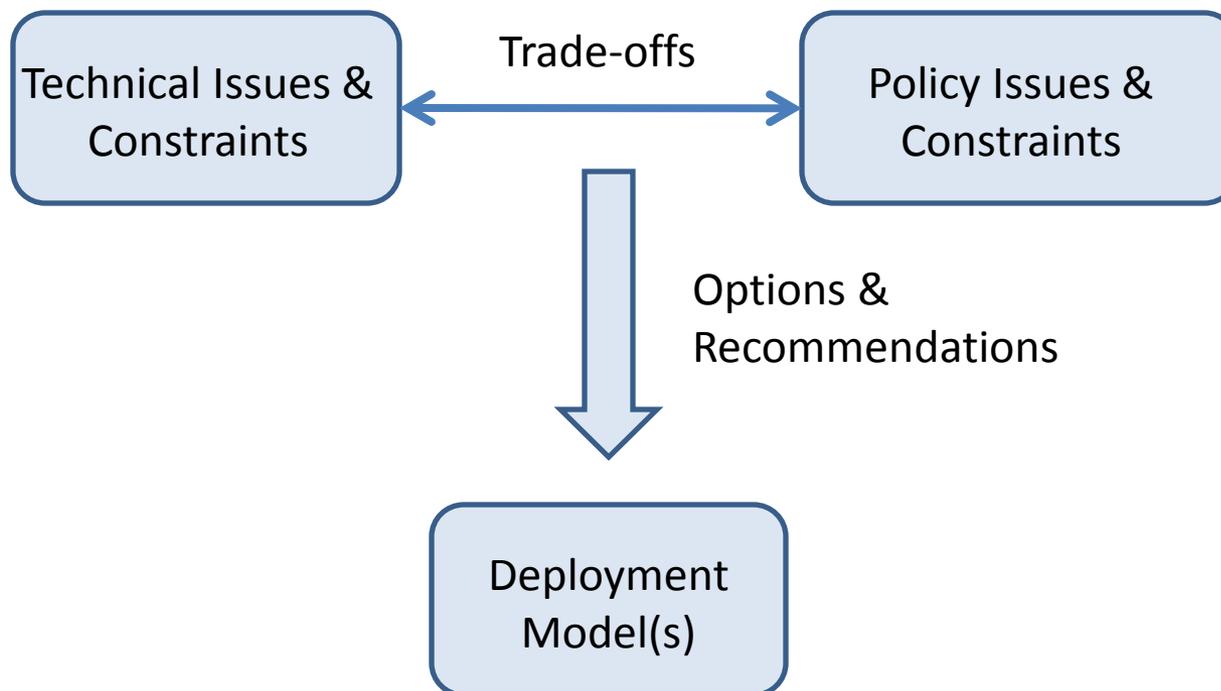
- Enables a successful and sustainable deployment of IntelliDrive
- Addresses institutional issues
- Provides options for policy recommendations

Objectives:

- Conduct research and analysis that produces a ***range of viable options*** for policies, legislative/regulatory options, governance structures, investment models, and institutional issues related to IntelliDrive
- Combining policy options with ***basic concepts of operation*** to illustrate a set of feasible and detailed deployment scenarios for IntelliDrive
- The development of ***policy recommendations*** that will be presented for discussion

Technical and Policy Interactions

(For Example: Security vs Privacy Trade-offs)



What do we mean by IntelliDrive Policy?

Non-technical issues that require a guiding policy or decision on a range of diverse topics:

IntelliDrive Policy Issues

Global Policy

- Governance and Authority
- Funding
- Institutional Issues

Technical Policy

- Security requirements
- Acceptable privacy levels
- Data ownership and risk
- And others....

Policy Roadmap Development Path

Identify Critical Policy Areas and Questions

- Collaborate with technical research staff
- Engage key stakeholders



Define and Categorize Policy Issues

- Global policy issues: governance, institutional, investment
- Technical policy issues: certification, security



Align Roadmaps and Timelines

- Technical programs
- Coordinate stakeholder engagement



Outline Future Tasks and Research

- Scope 'high-priority' research
- Procure expertise



Conduct Research → Policy Options & Recommendations

Policy Roadmaps for IntelliDrive Programs

Each IntelliDrive Research program will have a policy roadmap developed, which will outline future policy research activities.

V2V/V2I for Safety

- Complete by end of July 2010
- Begin implementation planning August 2010

Dynamic Mobility Applications

- Complete by end of August 2010

Data Capture

- Complete by end of August 2010

AERIS

- Complete by end of September 2010

Truck/Transit

- Complete by end of September 2010

Policy Roadmap Development

Drivers and Challenges:

- Interaction between technical constraints and policy constraints
- Need for understanding trade-offs between technical and policy issues (e.g. trade-off between privacy & technical complexity)
- Certain technical activities rely on sound policy assumptions and can not move forward without them
- Policy issues cut across multiple technical research tracks, requiring coordination in stakeholder engagement and timelines

Lessons Learned

Our research needs to:

- Build from past research
- Actively engage stakeholders in research development process to:
 - Identify high priority policy and institutional issues
 - Identify experts and applicable practices from relevant industry examples
 - Comment on how to shape alternative policy options

Recent Activities

Stakeholder

- “Global” Policy Presentation, September 2009
- Aftermarket Devices Workshop, ITSA May 2010
- IntelliDrive Deployment Scenarios Workshop, June 2010

Policy Research

- Research summaries, case studies, white papers

Roadmap

- Safety Policy Roadmap

Appendix

Same Vision — Different Pathways

