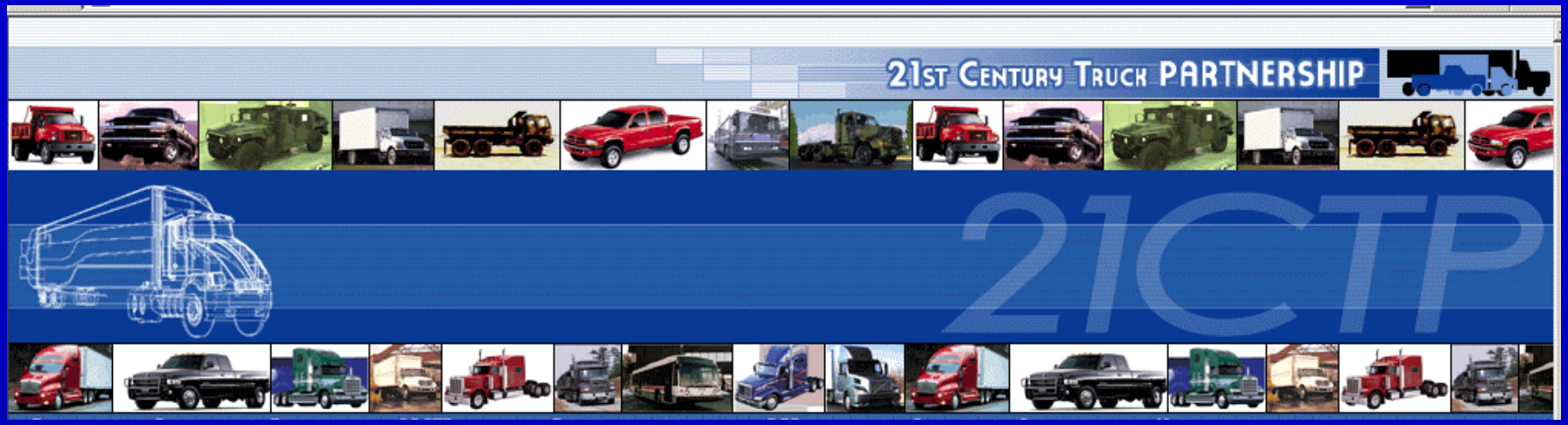

The 21st Century Truck Partnership

A Heavy Duty Vehicle

Multi-Company

Multi-Government Agency

Partnership

An Opportunity to Build Unique Strategic Relationships

Industry Partners

21st Century Truck Partnership

Allison Transmission

BAE SYSTEMS

CATERPILLAR®

Cummins

DAIMLERCHRYSLER

DETROIT DIESEL CORPORATION

EATON

FREIGHTLINER LLC
A DaimlerChrysler Company

GM

Honeywell

INTERNATIONAL

Mack

Nova BUS

OSHKOSH

PACCAR Inc

VOLVO

Federal Government Partners

21st Century Truck Partnership

Department of Energy

DOE/EE/OFCVT
Heavy Vehicle
Technologies R&D

Department of Defense

Army/TACOM
NAC Military
Vehicle R&D

Department of Transportation

Intelligent Vehicle
and Highway
Safety R&D

Environmental Protection Agency

Vehicle
Emissions
Regulations

Reasons for a Government-Industry 21st Century Truck Partnership

- **Energy Security**
  - Increasing dependence on imported oil
  - Contributes to balance-of-payments deficit
- **Social Concerns/Needs**
  - Emissions
  - Safety
- **Critical DOD Strategic Need**… 70% of logistics burden of carrying out military missions is moving fuel.

21st Century Truck Partnership Goals

- **Assuring that our nation's transportation system supports the goal of energy security.**
- **Assuring that transportation in America supports the growth of our nation's economy both globally and at-home.**
- **Assuring that transportation in America is safe, secure, and sustainable.**
- **Assuring America's military has reliable, state-of-the art battlefield vehicle capability.**
- **Assuring that our nation's transportation system reflects a dedicated commitment to the environment.**

Accomplishments

- Established Functioning Partnership
  - 4 Federal Departments
  - 16 Private Companies
- Completed Technical Roadmap
- Completed Comprehensive Project Inventory
- Established Technology Focus Teams

Summary

- *Trucking industry is critical to the U.S. economy*
- *21CTP provides a convening forum for industry*
- *Four government agencies working together*
- *21CTP will accelerate improvements in*
  - *Fuel economy*
  - *Emissions*
  - *Safety*
  - *Security*