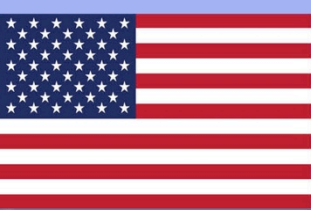
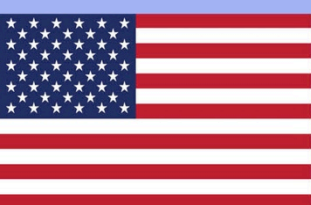


Briefing of Chinese Road Transportation Safety Management of Hazardous Chemicals





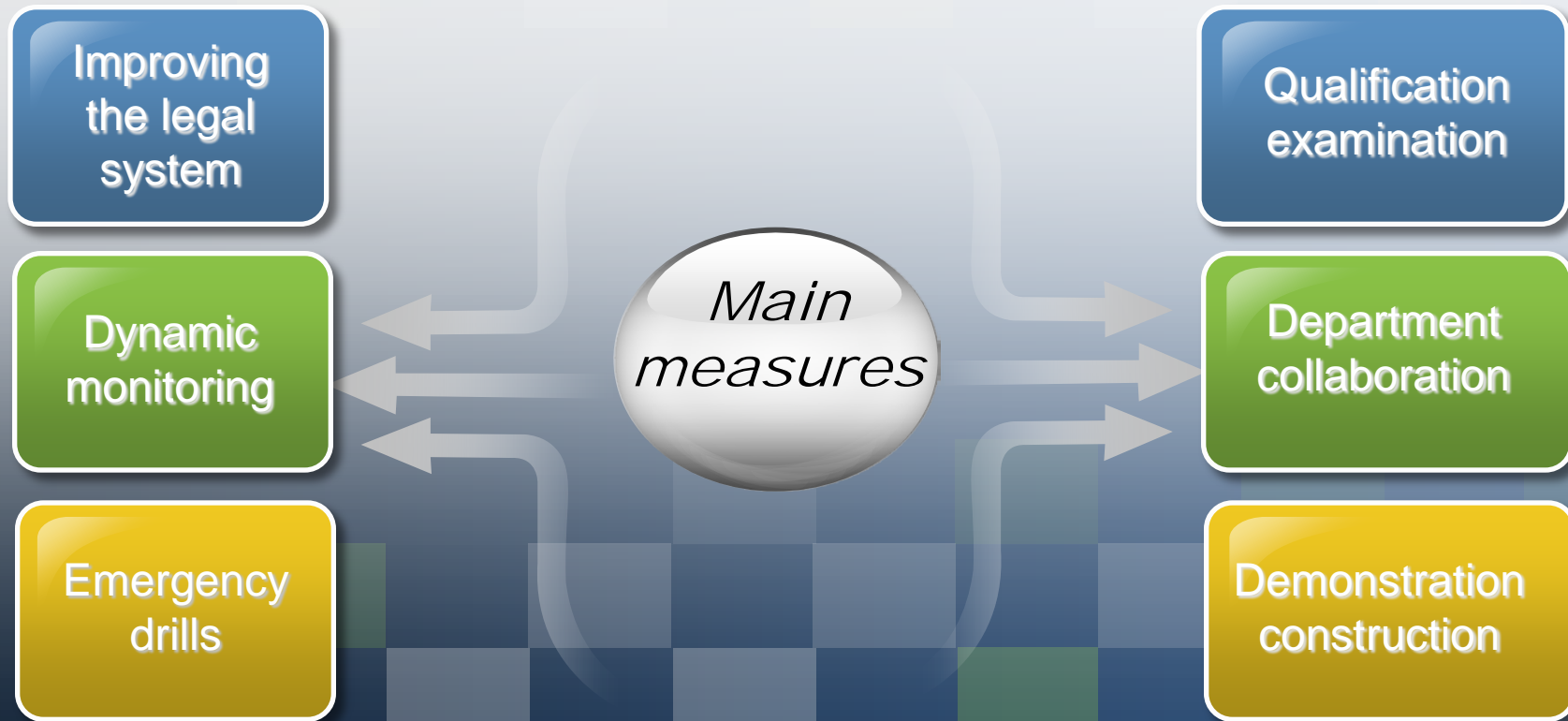
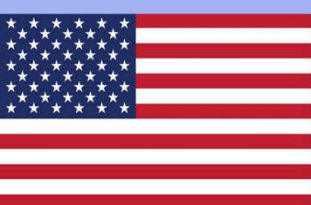
- Hazardous chemicals are flammable, explosive, toxic and corrosive, which have high risk of accidents during transport, like explosions, fires, poisoning, radiation etc.. So that hazardous chemicals safety management is difficult.

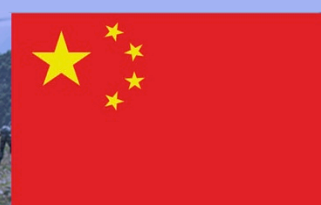
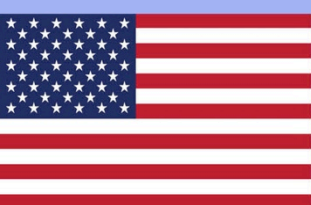


- ◆ Companies →7200
- ◆ Dangerous goods transport vehicles →130,000
- ◆ Related employees →600,000
- ◆ Highway freight volume every year →more than 200,000,000t

□ With many points , wide area, and long transport distance, the security task is increasingly heavier.





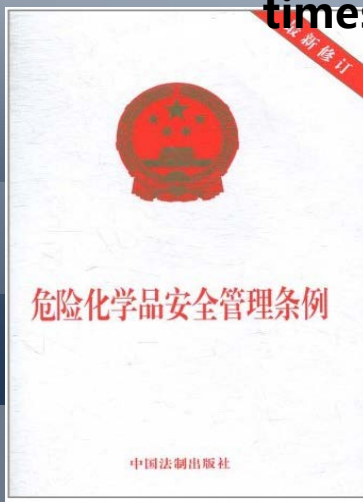
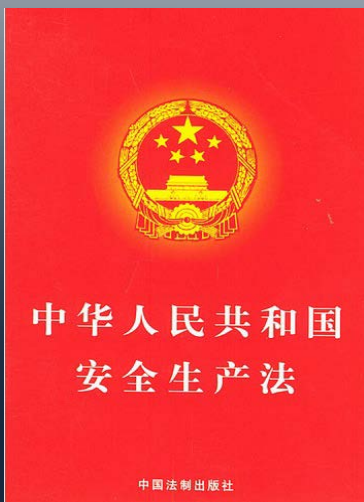


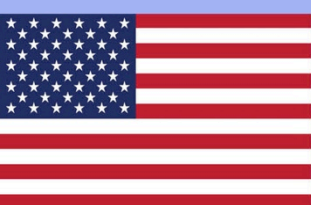
I. Developing relevant regulations and standards, and constantly improving the legal security system

◆ In 2005, the Ministry of Transport issued "Administrative Provisions on Road Transportation of Dangerous " which was revised and improved several times.



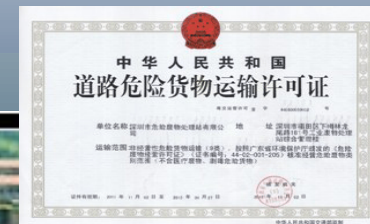
交通运输部科学研究院
China Academy of Transportation Sciences

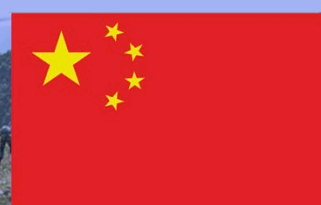
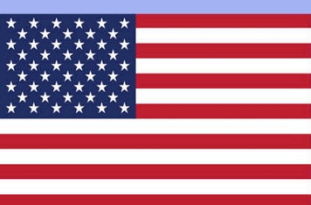




II. Strengthening the relevant qualification examination and strictly controlling market access

- ◆ Guiding enterprises to improve production safety agencies, improving production safety systems, etc., and resolutely banning enterprises which do not meet the statutory conditions





II. Strengthening the relevant qualification examination and strictly controlling market access

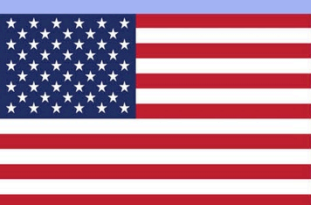
- ◆ Implementing vocational qualification system
- ◆ Strengthening continuing education training

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Driving Aptitude Test System

Cloud Platform

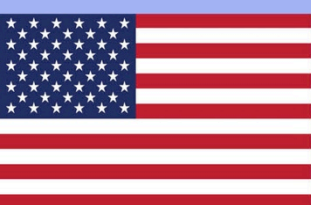
Data processing and analysis

Virtual display system

Test control system

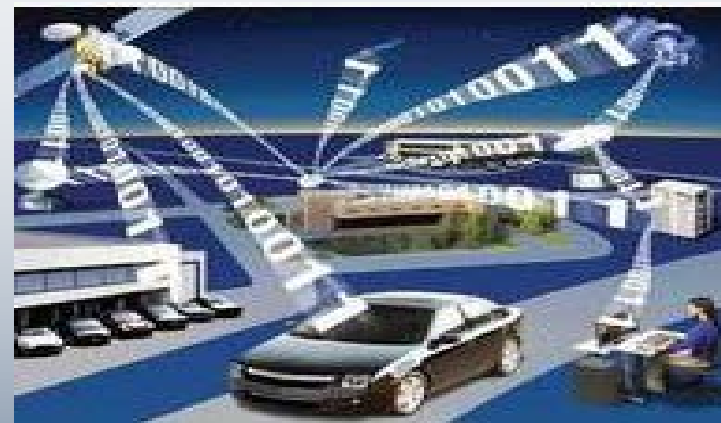


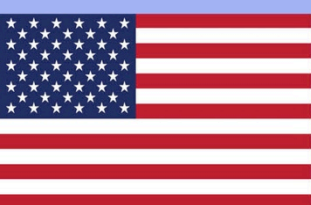
Data



III. Promote networking joint control and achieving entire dynamic monitoring of "Vehicle" and "people"

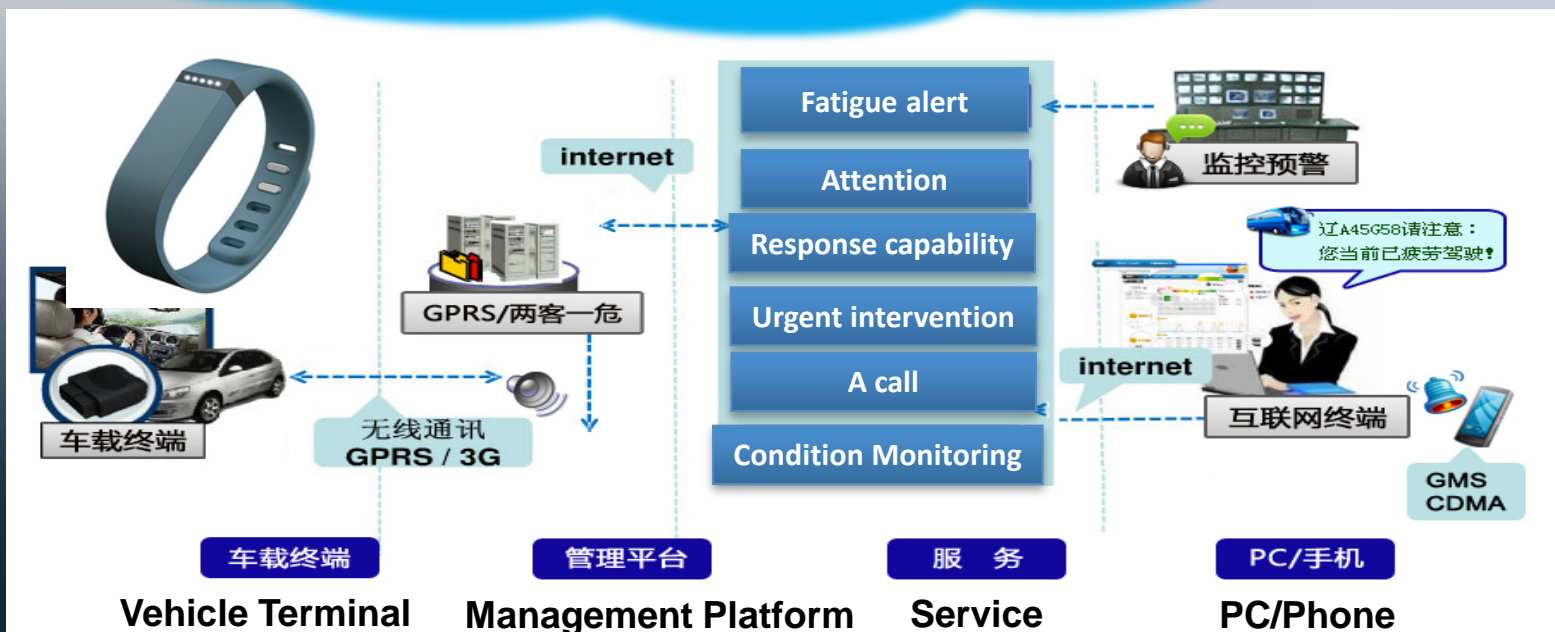
- ◆ Establishing a national network linking control system for key vehicles that requires vehicles to install satellite positioning device, and achieving dynamic monitoring finally.
- ◆ Achieving dynamic monitoring of the driver's behavior by advanced "driver fatigue" early warning system.

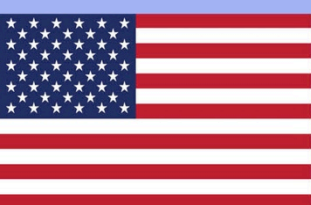




Dynamic Monitoring and Early Warning Systems for Human and Vehicles

Cloud Platform

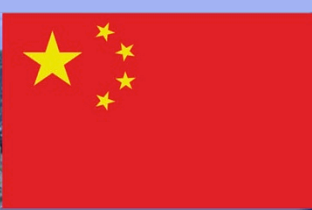
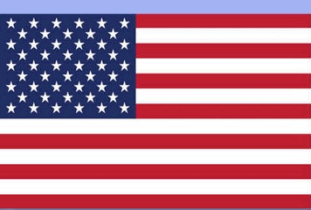




IV. Improving interdepartmental coordination mechanisms, and forming a joint safety regulatory landscape

- ◆ At the national level, establishing a dangerous goods transport inter-ministerial joint conference system with a number of ministries involved
- ◆ Under the leadership of the local governments, the departments also improve joint enforcement mechanism continuously.

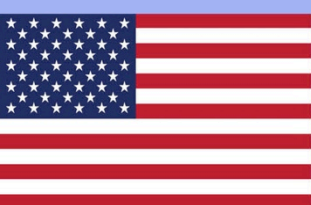




V. Improving emergency plans and strengthening emergency drills

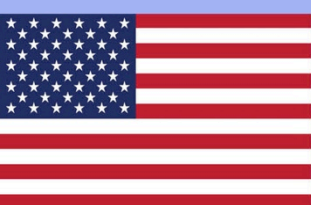
- ◆ Establishing contingency plans
- ◆ Equipping with the necessary equipment and supplies
- ◆ Strengthening emergency drills





VI. Carrying out the work of creating production safety standards, and establishing long-term mechanism of production safety

- ◆ Before the end of 2013, to complete the transportation of hazardous chemicals safety and production standards evaluation work and accelerate the establishment of long-term production safety mechanism in hazardous chemicals transport enterprises.



Thanks!

