



Introduction

BIFA Overview

Architecture Scope

Needs/Problems

Architecture Inventory

Architecture Services

Next Steps

Border Needs / Problems

BIFA Workshop #1

Needs / Problems

- *What the stakeholders want an ITS deployment to provide*
 - (or problems they want to solve)
 - In terms of the services they want to see delivered
 - Any constraints they wish to place on the delivery of these services

Needs / Problems

- **Focus stakeholders attention**
- **Make early decisions about how much to tackle at this time**
- **Establish common problems**
 - **A beginning point for resolving them together**
 - **Start to establish common vocabulary**
 - **Indirect Input to the Architecture**

Needs Considered

- **Primary starting point ... BIFAWG meeting notes and discussions**
- **Other sources...**
 - **State architectures**
 - **European FRAMEwork**
 - **The Discussion today**

BIFAWG Needs

- **Improve the movement across the US / Canadian border**
 - **People**
 - **Goods**
 - **Services**
- **Enhance economic vitality and Canadian / US trade**
- **Meet the needs of US and Canadian border inspection agencies**

BIFAWG Needs

- **Reduce delay of travelers and commercial carriers**
- **Predict delays and alert vehicle operators**
- **Expand communication and coordination capability among transportation and border crossing clearance agencies**
- **Define information flows between entities**

BIFAWG Needs

- **Articulate border security and inspection agency requirements**
- **Encourage shippers to use alternate modes**
- **Improve rail and maritime infrastructure and services**
- **Improve scheduling and routing to reduce freight mileage and increase load factors**

BIFAWG Needs

- **Support the integration of Traffic Information Centres and Traffic Control Centres into national and international networks. (from KAREN)**

