

# **Border Information Flow Architecture**

**Border Information Flow  
Architecture(BIFA)  
Web Conference**

**December 9, 2004**



# **Border Information Flow Architecture (BIFA)**

---

- **Developed as a “generic” regional ITS architecture**
- **Will have components of regional ITS architecture except**
  - **Project Sequencing**
  - **List of Agreements**

# What does “generic” mean?

---

- **Architecture contains representative elements, services, etc.**
- **Element example:**
  - **State DOT TMC**  
**(vs VTrans Statewide TOC)**

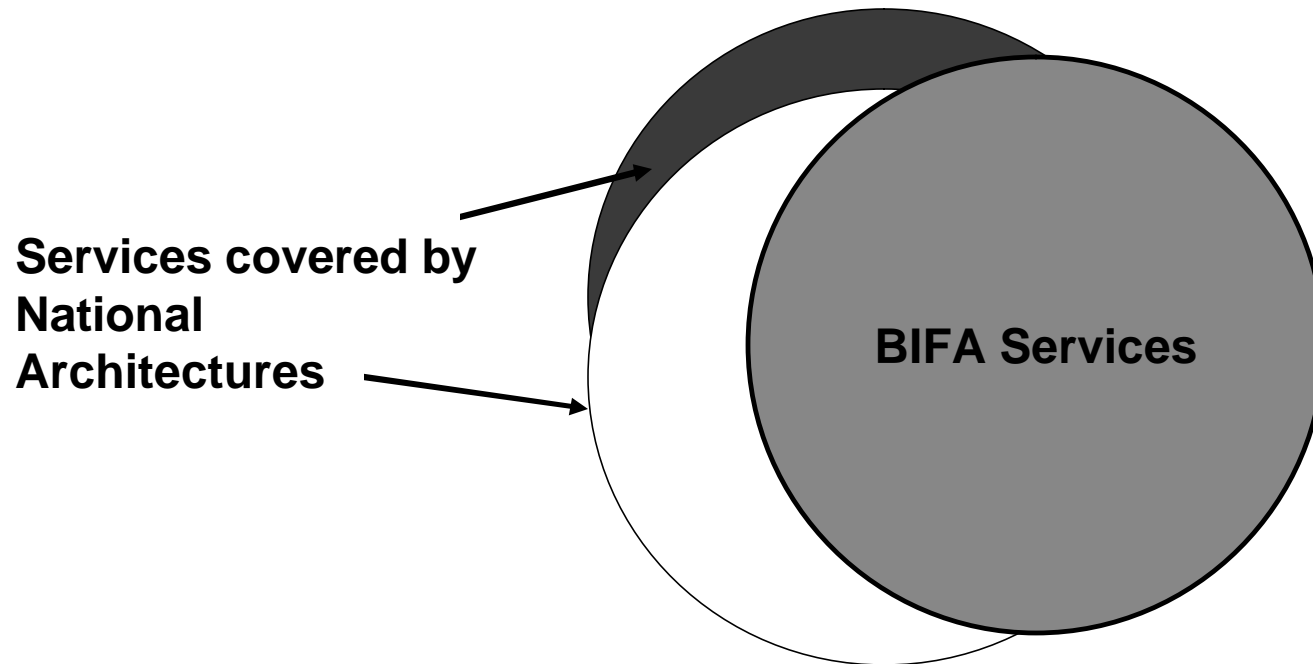
# Scope of BIFA

---

- **Geographic Scope**
  - **Region covering both sides of US Canada border**
  - **Must be representative of border areas from**
    - **British Columbia/Washington to Maine/New Brunswick**

# Scope of Services

---



- **BIFA Services will likely go somewhat beyond services covered by National Architectures**

# Services

---

- **Starting point is set of Border Processes developed by Working Group**

# Border Processes



## 5. Policy/Planning

- Transportation Operations
- Transportation Planning
- Trade Policy
- Inspection and Enforcement
- POE facility analysis
- Regulatory and legislative policy analysis
- Modeling (using archived statistics)

## 4. Conveyance Safety and Security

- Safety inspections
- Weights/Dimensions enforcement
- Credentials
- Permits/ Taxes/ Insurance
- Supply chain security
- Security

## 3. Traffic Management and Operations

- Traffic monitoring
- Incident response
- Traveler information
- Inspection-lane opening and closing
- Traffic sorting for primary inspection, including dedicated lanes (NEXUS/FAST)

### Tolling

- Bridge
- Tunnel
- Highway

## 2. Entry (Pre-clearance)

- People
- Cargo
- Outbound clearances (both inspection and “back office”)
- HazMat pre-notification

## 1. Inspection

- People/immigration
- Goods
- Conveyances

## +1. Post-Clearance

- Safety Inspection

# BIFA Architecture Development Plan

---

- **Workshop #1-**
  - **One day meeting to discuss**
    - **Services and stakeholders**
  - **Planned for 1<sup>st</sup> Quarter 05**
- **Develop draft BIFA based on results of workshop 1**
- **Workshop #2-**
  - **2-day stakeholder meeting to review draft architecture**
  - **Planned for 2<sup>nd</sup> Quarter 05**
- **Create final BIFA**

**Questions?**