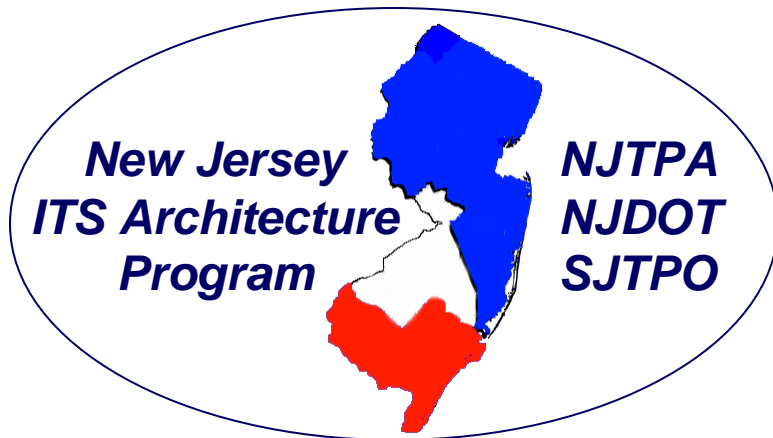


New Jersey ITS Architectures and Deployment Plans

Module 2 – New Jersey Architecture Development Program



April 14 – Newark (NJTPA)
April 15 – Vineland (SJTPO)
April 23 – Trenton (NJDOT)

Module Topics

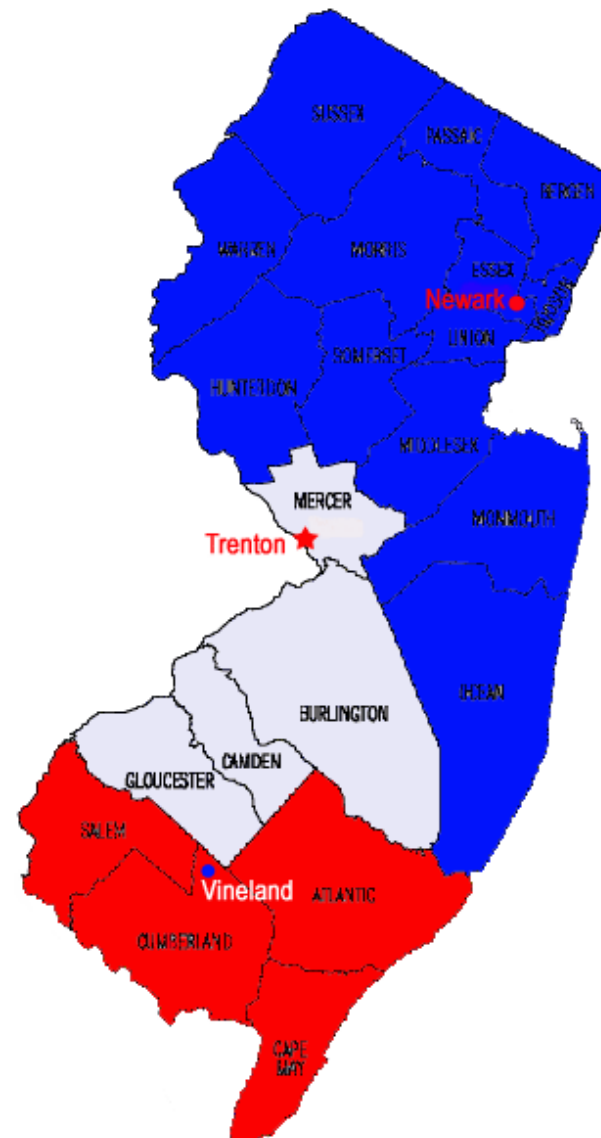
- Project Objectives
- Project Scope
- Development Approach
- Deliverables
- Key Milestones
- Stakeholder Involvement
- Workshops Schedule
- Development Team

Project Objective

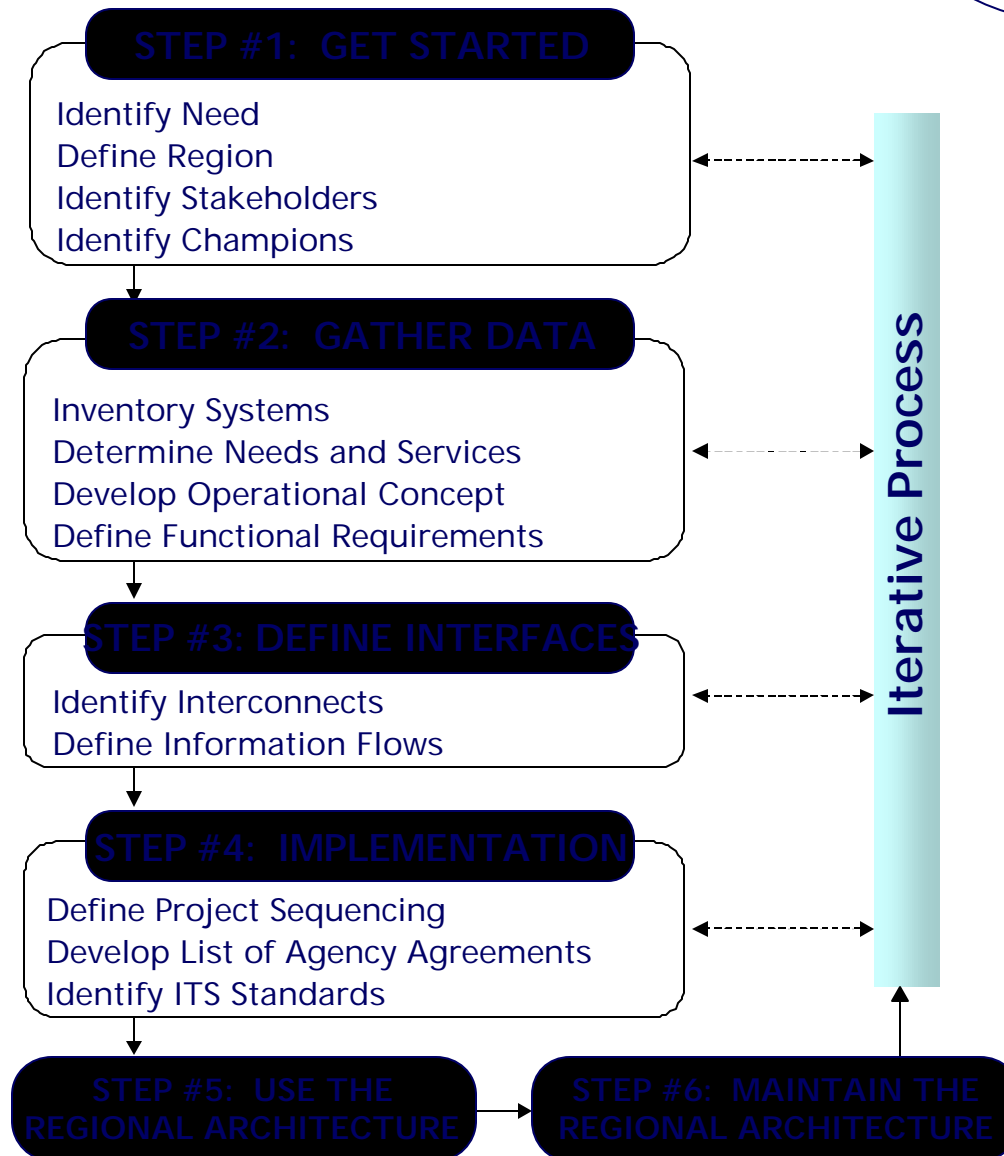
- Develop 3 ITS Architectures in New Jersey
 - Create consensus based ITS Architectures that are consistent with one another
 - Maximize technical and institutional integration of ITS across state, county and local jurisdictions for planning ITS
 - Focus on Use of Architecture tools for Planning ITS
 - Meet Federal deadline of April 2005

Project Scope

- Northern Regional ITS Architecture
 - North Jersey Transportation Planning Authority (NJTPA)
- Southern Regional ITS Architecture
 - South Jersey Transportation Planning Organization (SJTPO)
- Statewide ITS Architecture
 - New Jersey Department of Transportation (NJDOT)



Architecture Development Process



Program Tasks

- Educate stakeholders about ITS Architecture
- Develop Draft Architectures from existing documentation
- Gather Architecture information from Stakeholders through first series of Functional Area Workshops
- Refine Architecture
- Develop Draft Architecture Implementation Plan
- Gather Implementation Plan information from Stakeholders through second series of Functional Area Workshops
- Document Architecture and Implementation Plans

Deliverables

- For each region and statewide
 - Architecture Database
 - Turbo Architecture
 - Architecture Documentation
 - Defines all components of Architecture
 - Deployment Plan
 - Defines use of Architecture in Planning ITS and developing ITS projects
 - Defines Architecture maintenance process
 - Hyper-linked Architecture Website
 - Interactive, on-line access to Architecture content



Key Milestones

- | | |
|-------------------------------|---------------|
| ● Kickoff Meeting | Feb 18 |
| ● Stakeholder Training | Apr 14-23 |
| ● ITS Architecture Workshops | May 12–Jun 9 |
| ● Deployment Plan Workshops | Jun 15–Jul 21 |
| ● Final Integration Workshops | Aug 17-19 |
| ● Final Presentation | Dec 6 |
| ● Final Documents | Dec 22 |

Stakeholder Involvement

- Travel and Traffic Management
- Maintenance Management
- Parking Management
- Public Transportation Management
- Inter-regional Electronic Toll/Parking/Fare Payment
- Information Archive Management
- Ports
- CVO & Ports
- Public Safety/ EM /Homeland Security



Workshop Schedule

(Functional Area) Workshops	Statewide		Southern		Northern	
	<i>ITS Architecture</i>	<i>Deployment Plan</i>	<i>ITS Architecture</i>	<i>Deployment Plan</i>	<i>ITS Architecture</i>	<i>Deployment Plan</i>
Training Workshop	1 Day 4/23/04		1 Day 4/15/04		1 Day 4/14/04	
Travel and Traffic Management + Maintenance Management	1 Day 5/12/04	1 Day 6/15/04	1 Day 5/13/04	1 Day 6/16/04	1 Day 5/14/04	1 Day 6/17/04
Parking Management			½ Day 5/19/04	½ Day 6/23/04	½ Day 5/20/04	½ Day 6/24/04
Public Transportation Management	½ Day 5/18/04	½ Day 6/22/04	½ Day 5/19/04	½ Day 6/23/04	½ Day 5/20/04	½ Day 6/24/04
Inter-regional Electronic Toll/Parking/Fare Payment	½ Day 5/18/04	½ Day 6/22/04				
Information Archive Management	½ Day 5/25/04	½ Day 7/13/04	½ Day 5/26/04	½ Day 7/14/04	½ Day 5/27/04	½ Day 7/15/04
Ports					½ Day 5/27/04	½ Day 7/15/04
CVO & Ports	½ Day 5/25/04	½ Day 7/13/04				
Public Safety/Emergency Management/Homeland Security	1 Day 6/8/04	1 Day 7/20/04	½ Day 5/26/04	½ Day 7/14/04	1 Day 6/9/04	1 Day 7/21/04
Maintenance Model	½ Day 6/10/04	½ Day 7/22/04				
Final Integration Review	1 Day 8/17/04		1 Day 8/18/04		1 Day 8/19/04	

Development Team

- ConSysTec
 - Architecture Development Activities
 - Program Management – Rob Jaffe
 - Architecture Development Lead – Manny Insignares
 - Key Staff – Bruce Eisenhart
- Iteris
 - Deployment Planning Activities
 - Deployment Planning Lead – Cliff Heise
 - Key Staff – Susan Walker

Development Team

- Transcore
 - Deployment Planning Support
 - Key Staff – Donald Galley, Bernhard Wagenblast
- Eng-Wong, Taub
 - Architecture Development and Program Support
 - Key Staff – Paul Eng-Wong, Luis Franco