

New Jersey Statewide ITS Architecture and Deployment Plan – Appendices

Submitted to:



New Jersey
Department of
Transportation

Submitted by:



In association with:



February 2005

Appendix 3.A

Stakeholder Participation

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

Title: Training Workshop
Region: Statewide
Date: 23 April 2004
Number of Stakeholders Present: 47

Name	Affiliation	Present	Special Meeting
William Ragozine	Cross County Connection TMA	✓	
Roger Sager	Delaware River Joint Toll Bridge Commission	✓	
Karl Ziemer	Delaware River Port Authority	✓	
Steven Burke	Delaware River Port Authority	✓	
Laurie Matkowski	Delaware Valley Regional Planning Commission	✓	
Stan Platt	Delaware Valley Regional Planning Commission	✓	
Michael Roberson	Federal Highway Administration - NJ Division	✓	
William J. Hoffman	Federal Highway Administration - NJ Division	✓	
Michael Morgan	Gannett Fleming	✓	
Richard O Brien	HNTB Corporation	✓	
John Lane	Hudson County Engineering	✓	
Carol C. Melnick	Monmouth County Planning Board	✓	
Anne Chmielewski	New Jersey Department of Transportation	✓	
Dennis Motiani	New Jersey Department of Transportation	✓	
Jim Carl	New Jersey Department of Transportation	✓	
Jim Hogan	New Jersey Department of Transportation	✓	
Kurt Aufschneider	New Jersey Department of Transportation	✓	
Patricia Ott	New Jersey Department of Transportation	✓	
Renee Rapciewicz	New Jersey Department of Transportation	✓	
Ronald Stewart	New Jersey Department of Transportation	✓	
Steve Decken	New Jersey Department of Transportation	✓	
Tiberiu Tajts	New Jersey Department of Transportation	✓	
William Ducsak	New Jersey Department of Transportation	✓	
Yosry Bekhiet	New Jersey Department of Transportation	✓	
Arthur J. Egan	New Jersey Department of Transportation	✓	
Arnold G. Mercer	New Jersey Turnpike Authority	✓	
Leo Jackson	New Jersey Turnpike Authority	✓	
Robert J. Socha	New Jersey Turnpike Authority	✓	
Thomas Smith	New Jersey Turnpike Authority	✓	
Jude Depko	New Jersey Turnpike Authority-GSP	✓	
Michael Tomasula	New Jersey Turnpike Authority-GSP	✓	
Elizabeth Johnson	New Jersey Turnpike Authority-GSP	✓	
Alfred Tindall	NJ Division of Highway Traffic Safety	✓	
Roberto Rodriguez	NJ Division of Highway Traffic Safety	✓	
Lt. Paul Sinckler	NJ State Police	✓	
Rosanne Manghisi	NJ State Police	✓	
Richard Lane	NJAC	✓	
Deborah Kole	NJLOM	✓	
Hamou Meghdir	North Jersey Transportation Planning Authority	✓	
Brenda Pierce	South Jersey Transportation Authority	✓	
Joseph A. Penn	South Jersey Transportation Authority	✓	
Kathleen Sharman	South Jersey Transportation Authority	✓	
Ken Thomas	South Jersey Transportation Authority	✓	
Robert Vallaster	South Jersey Transportation Authority	✓	
Tom Batz	TRANSCOM	✓	

Table 3-1. Training Workshop Participation - Statewide

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

Title: Travel and Traffic Management; Maintenance Management

Region: Statewide

Date: 12 May 2004

Number of Stakeholders Present: 27

Name	Affiliation	Present	Special Meeting
Karl Ziemer	Delaware River Port Authority	✓	
Stan Platt	Delaware Valley Regional Planning Commission	✓	
Eulois Cleckley	Federal Highway Administration	✓	
Carol C. Melnick	Monmouth County Planning Board	✓	
Dennis Motiani	New Jersey Department of Transportation	✓	
Gary Zayas	New Jersey Department of Transportation	✓	
Kurt Aufschneider	New Jersey Department of Transportation	✓	
Louis Whiteley	New Jersey Department of Transportation	✓	
Mark Smith	New Jersey Department of Transportation	✓	
Michael Asson	New Jersey Department of Transportation	✓	
Renee Rapciewicz	New Jersey Department of Transportation	✓	
Richard Shaw	New Jersey Department of Transportation	✓	
Robert Miller	New Jersey Department of Transportation	✓	
Tiberiu Tajts	New Jersey Department of Transportation	✓	
William Ducsak	New Jersey Department of Transportation	✓	
Alfonse Voza	New Jersey Turnpike Authority	✓	
Arnold G. Mercer	New Jersey Turnpike Authority	✓	
Bob Villari	New Jersey Turnpike Authority	✓	
Leo Jackson	New Jersey Turnpike Authority	✓	
Penny Martin-Holly	New Jersey Turnpike Authority	✓	
Robert J. Socha	New Jersey Turnpike Authority	✓	
Thomas Smith	New Jersey Turnpike Authority	✓	
Jude Depko	New Jersey Turnpike Authority-GSP	✓	
Tom Rafferty	NJ State Police	✓	
Chuck Chiarello	South Jersey Transportation Authority	✓	
Ken Thomas	South Jersey Transportation Authority	✓	
Tom Batz	TRANSCOM	✓	
Michael Roberson	Federal Highway Administration - NJ Division		
Michael Morgan	Gannett Fleming		
John Lane	Hudson County Engineering		
Jim Carl	New Jersey Department of Transportation		
Ronald Stewart	New Jersey Department of Transportation		
Dan McNamara	New Jersey Turnpike Authority		
Jerry Kraft	New Jersey Turnpike Authority		
Solomon Caviness	New Jersey Turnpike Authority		
Elizabeth Johnson	New Jersey Turnpike Authority-GSP		
James Kemp	NJ Transit		
Brenda Pierce	South Jersey Transportation Authority		
Kathleen Aufschneider	South Jersey Transportation Authority		

Table 3-2. Travel and Traffic, Maintenance Management Architecture Workshop - Statewide

New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop

Title: Public Transportation Management

Region: Statewide

Date: 18 May 2004

Number of Stakeholders Present: 8

Name	Affiliation	Present	Special Meeting
Steven Burke	Delaware River Port Authority	✓	
Chris King	Delaware Valley Regional Planning Commission	✓	
Dennis Motiani	New Jersey Department of Transportation	✓	
Kurt Aufschneider	New Jersey Department of Transportation	✓	
Renee Rapciewicz	New Jersey Department of Transportation	✓	
William Ducsak	New Jersey Department of Transportation	✓	
James Kemp	NJ Transit	✓	
David Fullerton	PATCO	✓	
Michael Roberson	Federal Highway Administration - NJ Division		
Carol Miller	South Jersey Transportation Authority		
Tom Batz	TRANSCOM		

Table 3-3. Public Transportation Management Architecture Workshop - Statewide

**New Jersey ITS Architecture Program
Statewide ITS Architecture**

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

Title: Inter-regional Electronic Toll/Parking/Fare Payment

Region: Statewide

Date: 18 May 2004

Number of Stakeholders Present: 14

Name	Affiliation	Present	Special Meeting
William Ragozine	Cross County Connection TMA	✓	
Steven Burke	Delaware River Port Authority	✓	
Chris King	Delaware Valley Regional Planning Commission	✓	
Anne Chmielewski	New Jersey Department of Transportation	✓	
Dennis Motiani	New Jersey Department of Transportation	✓	
Kurt Aufschneider	New Jersey Department of Transportation	✓	
William Ducsak	New Jersey Department of Transportation	✓	
Arnold G. Mercer	New Jersey Turnpike Authority	✓	
Robert Quirk	New Jersey Turnpike Authority	✓	
Thomas Smith	New Jersey Turnpike Authority	✓	
James Kemp	NJ Transit	✓	
David Fullerton	PATCO	✓	
Dennis Culnan	South Jersey Transportation Authority	✓	
Kathleen Sharman	South Jersey Transportation Authority	✓	
Michael Roberson	Federal Highway Administration - NJ Division		
Mark Smith	New Jersey Department of Transportation		
Robert Miller	New Jersey Department of Transportation		
Jerry Kraft	New Jersey Turnpike Authority		
Bart Mueller	South Jersey Transportation Authority		
Kathleen Aufschneider	South Jersey Transportation Authority		
Ounzuba Kemeh-Gama	South Jersey Transportation Authority		
Tom Batz	TRANSCOM		

Table 3-4. Inter-regional Electronic Toll/Parking/Fare Payment Architecture Workshop - Statewide

**New Jersey ITS Architecture Program
Statewide ITS Architecture**

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

**Title: Information Archive Management
Region: Statewide
Date: 25 May 2004
Number of Stakeholders Present: 12**

Name	Affiliation	Present	Special Meeting
Michael Meekar	Delaware River Joint Toll Bridge Commission	✓	
Stan Platt	Delaware Valley Regional Planning Commission	✓	
Dennis Motiani	New Jersey Department of Transportation	✓	
Gary Zayas	New Jersey Department of Transportation	✓	
Jim Hogan	New Jersey Department of Transportation	✓	
Kurt Aufschneider	New Jersey Department of Transportation	✓	
Tiberiu Tajts	New Jersey Department of Transportation	✓	
James Zangari	New Jersey Turnpike Authority	✓	
Elizabeth Johnson	New Jersey Turnpike Authority-GSP	✓	
Michael Tomasula	New Jersey Turnpike Authority-GSP	✓	
Kurt Naprawa	NJ State Police	✓	
Nicholas Antoniou	TRANSCOM	✓	
Mary Jane Moore	Delaware River Joint Toll Bridge Commission		
Michael Roberson	Federal Highway Administration - NJ Division		
Mark Smith	New Jersey Department of Transportation		
Ronald Stewart	New Jersey Department of Transportation		
William Ducsak	New Jersey Department of Transportation		
Dan McNamara	New Jersey Turnpike Authority		
Robert J. Socha	New Jersey Turnpike Authority		
Ronnie Taste	Port Authority of New York and New Jersey		
Kathleen Sharman	South Jersey Transportation Authority		
Tom Batz	TRANSCOM		

Table 3-5. Information Archive Management Architecture Workshop - Statewide

**New Jersey ITS Architecture Program
Statewide ITS Architecture**

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

Title: CVO and Ports

Region: Statewide

Date: 25 May 2004

Number of Stakeholders Present: 10

Name	Affiliation	Present	Special Meeting
Michael Meekar	Delaware River Joint Toll Bridge Commission	✓	
Stan Platt	Delaware Valley Regional Planning Commission	✓	
Anne Chmielewski	New Jersey Department of Transportation	✓	
Dennis Motiani	New Jersey Department of Transportation	✓	
Gary Zayas	New Jersey Department of Transportation	✓	
Jim Hogan	New Jersey Department of Transportation	✓	
Tiberiu Tajts	New Jersey Department of Transportation	✓	
Jerry Kraft	New Jersey Turnpike Authority	✓	
Kurt Naprawa	NJ State Police	✓	
Ray Ruggieri	TRANSCOM	✓	
Michael Roberson	Federal Highway Administration - NJ Division		
Bruce McCracken	Middlesex County Planning Dept		
Jim Carl	New Jersey Department of Transportation		
Kurt Aufschneider	New Jersey Department of Transportation		
Mark Smith	New Jersey Department of Transportation		
Ronald Stewart	New Jersey Department of Transportation		
William Ducsak	New Jersey Department of Transportation		
Tom Rafferty	NJ State Police		
Hamou Meghdir	North Jersey Transportation Planning Authority		
John Hummer	North Jersey Transportation Planning Authority		
Ronnie Taste	Port Authority of NY & NJ		
Karen Ryan Tobia	Port Authority of NY & NJ		✓
Ken Thomas	South Jersey Transportation Authority		
Tom Batz	TRANSCOM		
Nicholas J. Pantina	Union County Division of Engineering		

Table 3-6. CVO and Ports Architecture Workshop - Statewide

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

Title: Public Safety/Emergency Management/Homeland Security

Region: Statewide

Date: 8 June 2004

Number of Stakeholders Present: 22

Name	Affiliation	Present	Special Meeting
Dave McCann	Delaware River Joint Toll Bridge Commission	✓	
Laurie Matkowski	Delaware Valley Regional Planning Commission	✓	
Michael Roberson	Federal Highway Administration - NJ Division	✓	
Frank Mongioi	Meadowlink TMA	✓	
Dennis Motiani	New Jersey Department of Transportation	✓	
Gary Zayas	New Jersey Department of Transportation	✓	
Kurt Aufschneider	New Jersey Department of Transportation	✓	✓
Lance Weight	New Jersey Department of Transportation	✓	
Mark Smith	New Jersey Department of Transportation	✓	
Michael Pilsbury	New Jersey Department of Transportation	✓	
Tiberiu Tajts	New Jersey Department of Transportation	✓	
Arnold G. Mercer	New Jersey Turnpike Authority	✓	
Dennis Burke	New Jersey Turnpike Authority	✓	
John Cifelli	New Jersey Turnpike Authority	✓	
Robert De Sena	New Jersey Turnpike Authority	✓	
Roger Payne	New Jersey Turnpike Authority	✓	
Jude Depko	New Jersey Turnpike Authority-GSP	✓	
Michael Tomasula	New Jersey Turnpike Authority-GSP	✓	
Lt. Paul Sinckler	NJ State Police	✓	
Rodney Roberson	Rutgers University	✓	✓
Ken Thomas	South Jersey Transportation Authority	✓	
Robert Glantzberg	TRANSCOM	✓	
Kevin Vande Velde	Cisco Systems		
Tony Morelli	Cisco Systems		
Al Diomedo	Delaware River Joint Toll Bridge Commission		
John Redos	Delaware River Joint Toll Bridge Commission		
John Gahwyler	New Jersey Department of Transportation		
Renee Rapciewicz	New Jersey Department of Transportation		
Ronald Stewart	New Jersey Department of Transportation		
William Ducsak	New Jersey Department of Transportation		
Arthur J. Egan	New Jersey Department of Transportation		
Dan McNamara	New Jersey Turnpike Authority		
Leo Jackson	New Jersey Turnpike Authority		
Robert J. Socha	New Jersey Turnpike Authority		
Roberto Rodriguez	NJ Division of Highway Traffic Safety		
Kurt Naprawa	NJ State Police		
Tom Rafferty	NJ State Police		
Rosanne Manghisi	NJ State Police		
Brenda Pierce	South Jersey Transportation Authority		
Chuck Chiarello	South Jersey Transportation Authority		
Tom Batz	TRANSCOM		

Table 3-7. Public Safety/Emergency Management/Homeland Security Architecture Workshop - Statewide

**New Jersey ITS Architecture Program
Statewide ITS Architecture**

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

Title: Maintenance Model

Region: Statewide

Date: 10 June 2004

Number of Stakeholders Present: 8

Name	Affiliation	Present	Special Meeting
Chris King	Delaware Valley Regional Planning Commission	✓	
Frank Mongioi	Meadowlink TMA	✓	
Dennis Motiani	New Jersey Department of Transportation	✓	
Jim Hogan	New Jersey Department of Transportation	✓	
Joseph Pennisie	New Jersey Turnpike Authority	✓	
Thomas Aitken	New Jersey Turnpike Authority-GSP	✓	
Hamou Megdhir	North Jersey Transportation Planning Authority	✓	
Ken Thomas	South Jersey Transportation Authority	✓	
Michael Roberson	Federal Highway Administration - NJ Division		
Richard O Brien	HNTB Corporation		
Gary Zayas	New Jersey Department of Transportation		
Kurt Aufschneider	New Jersey Department of Transportation		
Mark Smith	New Jersey Department of Transportation		
William Ducsak	New Jersey Department of Transportation		
Dan McNamara	New Jersey Turnpike Authority		
James Kemp	NJ Transit		
Ronnie Taste	Port Authority of New York and New Jersey		
Kathleen Sharman	South Jersey Transportation Authority		
Tom Batz	TRANSCOM		

Table 3-8. Maintenance Model Architecture Workshop - Statewide

**New Jersey ITS Architecture Program
Statewide ITS Architecture**

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

Title: Travel and Traffic Management; Maintenance Management

Region: Statewide

Date: 15 June 2004

Number of Stakeholders Present: 20

Name	Affiliation	Present	Special Meeting
Roger Sager	Delaware River Joint Toll Bridge Commission	✓	
Karl Ziemer	Delaware River Port Authority	✓	
Laurie Matkowski	Delaware Valley Regional Planning Commission	✓	
Michael Roberson	Federal Highway Administration - NJ Division	✓	
Dennis Motiani	New Jersey Department of Transportation	✓	
Gary Zayas	New Jersey Department of Transportation	✓	
Jim Hogan	New Jersey Department of Transportation	✓	
Kurt Aufschneider	New Jersey Department of Transportation	✓	
Louis Whiteley	New Jersey Department of Transportation	✓	
Michael Asson	New Jersey Department of Transportation	✓	
Renee Rapciewicz	New Jersey Department of Transportation	✓	
Tiberiu Tajts	New Jersey Department of Transportation	✓	
Alfonse Voza	New Jersey Turnpike Authority	✓	
Arnold G. Mercer	New Jersey Turnpike Authority	✓	
Jerry Kraft	New Jersey Turnpike Authority	✓	
Thomas Smith	New Jersey Turnpike Authority	✓	
Hamou Meghdir	North Jersey Transportation Planning Authority	✓	
Kathleen Aufschneider	South Jersey Transportation Authority	✓	
Ken Thomas	South Jersey Transportation Authority	✓	
Tom Batz	TRANSCOM	✓	
Kevin Vande Velde	Cisco Systems		
Tony Morelli	Cisco Systems		
Michael Morgan	Gannett Fleming		
Carol C. Melnick	Monmouth County Planning Board		
Jim Carl	New Jersey Department of Transportation		
Mark Smith	New Jersey Department of Transportation		
Robert Miller	New Jersey Department of Transportation		
Ronald Stewart	New Jersey Department of Transportation		
William Ducsak	New Jersey Department of Transportation		
Dan McNamara	New Jersey Turnpike Authority		
Robert J. Socha	New Jersey Turnpike Authority		
Solomon Caviness	New Jersey Turnpike Authority		
Elizabeth Johnson	New Jersey Turnpike Authority-GSP		
Tom Rafferty	NJ State Police		
Brenda Pierce	South Jersey Transportation Authority		
Chuck Chiarello	South Jersey Transportation Authority		

Table 3-9. Travel and Traffic, Maintenance Management Deployment Workshop - Statewide

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

Title: Public Transportation Management

Region: Statewide

Date: 22 June 2004

Number of Stakeholders Present: 5

Name	Affiliation	Present	Special Meeting
Laurie Matkowski	Delaware Valley Regional Planning Commission	✓	
Michael Roberson	Federal Highway Administration - NJ Division	✓	
Jim Hogan	New Jersey Department of Transportation	✓	
Tiberiu Tajts	New Jersey Department of Transportation	✓	
David Fullerton	PATCO	✓	
Kevin Vande Velde	Cisco Systems		
Steven Burke	Delaware River Port Authority		
Dennis Motiani	New Jersey Department of Transportation		
Kurt Aufschneider	New Jersey Department of Transportation		
Renee Rapciewicz	New Jersey Department of Transportation		
William Ducsak	New Jersey Department of Transportation		
James Kemp	NJ Transit		✓
Carol Miller	South Jersey Transportation Authority		
Tom Batz	TRANSCOM		

Table 3-10. Public Transportation Management Deployment Workshop - Statewide

**New Jersey ITS Architecture Program
Statewide ITS Architecture**

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

Title: Inter-regional Electronic Toll/Parking/Fare Payment

Region: Statewide

Date: 22 June 2004

Number of Stakeholders Present: 9

Name	Affiliation	Present	Special Meeting
William Ragozine	Cross County Connection TMA	✓	
Laurie Matkowski	Delaware Valley Regional Planning Commission	✓	
Michael Roberson	Federal Highway Administration - NJ Division	✓	
Jim Hogan	New Jersey Department of Transportation	✓	
Tiberiu Tajts	New Jersey Department of Transportation	✓	
Arnold G. Mercer	New Jersey Turnpike Authority	✓	
David Fullerton	PATCO	✓	
Kathleen Sharman	South Jersey Transportation Authority	✓	
Chris D'Agosto	TRANSCOM	✓	
Steven Burke	Delaware River Port Authority		
Anne Chmielewski	New Jersey Department of Transportation		
Dennis Motiani	New Jersey Department of Transportation		
Kurt Aufschneider	New Jersey Department of Transportation		
Mark Smith	New Jersey Department of Transportation		
Robert Miller	New Jersey Department of Transportation		
William Ducsak	New Jersey Department of Transportation		
Jerry Kraft	New Jersey Turnpike Authority		
Robert Quirk	New Jersey Turnpike Authority		
Thomas Smith	New Jersey Turnpike Authority		
Bart Mueller	South Jersey Transportation Authority		
Kathleen Aufschneider	South Jersey Transportation Authority		
Ounzuba Kemeh-Gama	South Jersey Transportation Authority		
Tom Batz	TRANSCOM		

Table 3-11. Inter-regional Electronic Toll/Parking/Fare Payment Deployment Workshop - Statewide

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

Title: Information Archive Management

Region: Statewide

Date: 13 July 2004

Number of Stakeholders Present: 8

Name	Affiliation	Present	Special Meeting
Michael Meekar	Delaware River Joint Toll Bridge Commission	✓	
Laurie Matkowski	Delaware Valley Regional Planning Commission	✓	
Michael Roberson	Federal Highway Administration - NJ Division	✓	
Dennis Motiani	New Jersey Department of Transportation	✓	
Gary Zayas	New Jersey Department of Transportation	✓	
Tiberiu Tajts	New Jersey Department of Transportation	✓	
Elizabeth Johnson	New Jersey Turnpike Authority-GSP	✓	
Nicholas Antoniou	TRANSCOM	✓	
Kurt Aufschneider	New Jersey Department of Transportation		
Mark Smith	New Jersey Department of Transportation		
Ronald Stewart	New Jersey Department of Transportation		
William Ducsak	New Jersey Department of Transportation		
Dan McNamara	New Jersey Turnpike Authority		
Kathleen Sharman	South Jersey Transportation Authority		
Tom Batz	TRANSCOM		

Table 3-12. Information Archive Management Deployment Workshop - Statewide

**New Jersey ITS Architecture Program
Statewide ITS Architecture**

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

Title: CVO and Ports

Region: Statewide

Date: 13 July 2004

Number of Stakeholders Present: 9

Name	Affiliation	Present	Special Meeting
Michael Meekar	Delaware River Joint Toll Bridge Commission	✓	
Laurie Matkowski	Delaware Valley Regional Planning Commission	✓	
Michael Roberson	Federal Highway Administration - NJ Division	✓	
Anne Chmielewski	New Jersey Department of Transportation	✓	
Dennis Motiani	New Jersey Department of Transportation	✓	
Gary Zayas	New Jersey Department of Transportation	✓	
Miki Krakauer	New Jersey Department of Transportation	✓	
Tiberiu Tajts	New Jersey Department of Transportation	✓	
Ray Ruggieri	TRANSCOM	✓	
Bruce McCracken	Middlesex County Planning Dept		
Ed Datu	New Jersey Department of Transportation		
Jim Carl	New Jersey Department of Transportation		
Kurt Aufschneider	New Jersey Department of Transportation		
Mark Smith	New Jersey Department of Transportation		
Ronald Stewart	New Jersey Department of Transportation		
William Ducsak	New Jersey Department of Transportation		
Kurt Naprawa	NJ State Police		
Tom Rafferty	NJ State Police		
Hamou Meghdir	North Jersey Transportation Planning Authority		
John Hummer	North Jersey Transportation Planning Authority		
Ken Thomas	South Jersey Transportation Authority		
Tom Batz	TRANSCOM		
Nicholas J. Pantina	Union County Division of Engineering		

Table 3-13. CVO and Ports Deployment Workshop - Statewide

**New Jersey ITS Architecture Program
Statewide ITS Architecture**

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

Title: Public Safety/Emergency Management/Homeland Security

Region: Statewide

Date: 20 July 2004

Number of Stakeholders Present: 15

Name	Affiliation	Present	Special Meeting
Michael Meekar	Delaware River Joint Toll Bridge Commission	✓	
Chris King	Delaware Valley Regional Planning Commission	✓	
Michael Roberson	Federal Highway Administration - NJ Division	✓	
Dennis Motiani	New Jersey Department of Transportation	✓	
Gary Zayas	New Jersey Department of Transportation	✓	
Kurt Aufschneider	New Jersey Department of Transportation	✓	
Mark Smith	New Jersey Department of Transportation	✓	
Pete Amin	New Jersey Department of Transportation	✓	
Tiberiu Tajts	New Jersey Department of Transportation	✓	
Tim Herlihy	New Jersey Department of Transportation	✓	
William Ducsak	New Jersey Department of Transportation	✓	
Dennis Burke	New Jersey Turnpike Authority	✓	
Tom Rafferty	NJ State Police	✓	
Ken Thomas	South Jersey Transportation Authority	✓	
Robert Glantzberg	TRANSCOM	✓	
Tony Morelli	Cisco Systems		
Al Diomedo	Delaware River Joint Toll Bridge Commission		
John Gahwyler	New Jersey Department of Transportation		
Renee Rapciewicz	New Jersey Department of Transportation		
Ronald Stewart	New Jersey Department of Transportation		
Arnold G. Mercer	New Jersey Turnpike Authority		
Dan McNamara	New Jersey Turnpike Authority		
Roberto Rodriguez	NJ Division of Highway Traffic Safety		
Kurt Naprawa	NJ State Police		
Lt. Paul Sinckler	NJ State Police		
Rosanne Manghisi	NJ State Police		
Rodney Roberson	Rutgers University		
Brenda Pierce	South Jersey Transportation Authority		
Chuck Chiarello	South Jersey Transportation Authority		
Tom Batz	TRANSCOM		

Table 3-14. Public Safety/Emergency Management/Homeland Security Deployment Workshop - Statewide

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

Title: Maintenance Model
Region: Statewide
Date: 25 August 2004
Number of Stakeholders Present: 9

Name	Affiliation	Present	Special Meeting
Stan Platt	Delaware Valley Regional Planning Commission	✓	
Michael Roberson	Federal Highway Administration - NJ Division	✓	
Dennis Motiani	New Jersey Department of Transportation	✓	
Pete Amin	New Jersey Department of Transportation	✓	
Tim Herlihy	New Jersey Department of Transportation	✓	
William Ducsak	New Jersey Department of Transportation	✓	
Hamou Megdhir	North Jersey Transportation Planning Authority	✓	
Tim Chelius	South Jersey Transportation Planning Organization	✓	
Tom Batz	TRANSCOM	✓	
Richard O Brien	HNTB Corporation		
Gary Zayas	New Jersey Department of Transportation		
Kurt Aufschneider	New Jersey Department of Transportation		
Mark Smith	New Jersey Department of Transportation		
Dan McNamara	New Jersey Turnpike Authority		
Elizabeth Johnson	New Jersey Turnpike Authority-GSP		
Kathleen Sharman	South Jersey Transportation Authority		

Table 3-15. Maintenance Model Deployment Workshop - Statewide

**New Jersey ITS Architectures
and Deployment Plans
Stakeholders by Workshop**

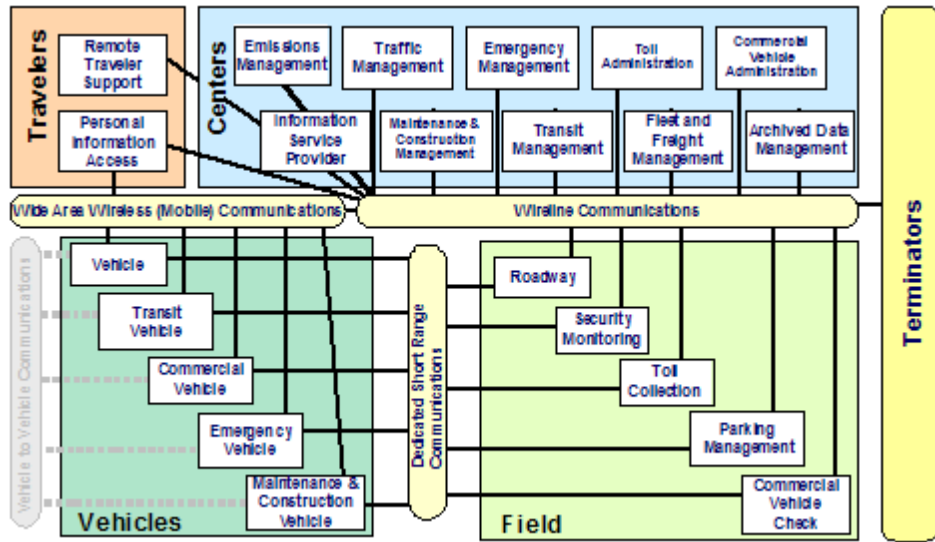
Title: Final Integration Workshop
Region: Statewide
Date: 17 August 2004
Number of Stakeholders Present: 18

Name	Affiliation	Present	Special Meeting
Kevin Van De Velde	Cisco Sytems	✓	
Michael Meekar	Delaware River Joint Toll Bridge Commission	✓	
Karl Ziemer	Delaware River Port Authority	✓	
Laurie Matkowski	Delaware Valley Regional Planning Commission	✓	
Stan Platt	Delaware Valley Regional Planning Commission	✓	
Michael Roberson	Federal Highway Administration - NJ Division	✓	
Anne Chmielewski	New Jersey Department of Transportation	✓	
Dennis Motiani	New Jersey Department of Transportation	✓	
Gary Zayas	New Jersey Department of Transportation	✓	
James Carl	New Jersey Department of Transportation	✓	
Jim Hogan	New Jersey Department of Transportation	✓	
Miki Krakawer	New Jersey Department of Transportation	✓	
Tim Herlihy	New Jersey Department of Transportation	✓	
William Ducsak	New Jersey Department of Transportation	✓	
Arnold Mercer	New Jersey Turnpike Authority	✓	
Hamou Meghdir	North Jersey Transportation Planning Authority	✓	
Ken Thomas	South Jersey Transportation Authority	✓	
Tom Batz	TRANSCOM	✓	
Tony Morelli	Cisco Systems		
Al Diomedo	Delaware River Joint Toll Bridge Commission		
John Redos	Delaware River Joint Toll Bridge Commission		
Roger Sager	Delaware River Joint Toll Bridge Commission		
William J. Hoffman	Federal Highway Administration - NJ Division		
Carol C. Melnick	Monmouth County Planning Board		
Kurt Aufschneider	New Jersey Department of Transportation		
Mark Smith	New Jersey Department of Transportation		
Patricia Ott	New Jersey Department of Transportation		
Renee Rapciewicz	New Jersey Department of Transportation		
Robert Miller	New Jersey Department of Transportation		
Ronald Stewart	New Jersey Department of Transportation		
Tiberiu Tajts	New Jersey Department of Transportation		
Jerry Kraft	New Jersey Turnpike Authority		
Leo Jackson	New Jersey Turnpike Authority		
Robert J. Socha	New Jersey Turnpike Authority		
Solomon Caviness	New Jersey Turnpike Authority		
Elizabeth Johnson	New Jersey Turnpike Authority-GSP		
Roberto Rodriguez	NJ Division of Highway Traffic Safety		
Kurt Naprawa	NJ State Police		
Rosanne Manghisi	NJ State Police		
Brenda Pierce	South Jersey Transportation Authority		
Chuck Chiarello	South Jersey Transportation Authority		
Kathleen Aufschneider	South Jersey Transportation Authority		
Kathleen Sharman	South Jersey Transportation Authority		

Table 3-16. Final Integration Workshop - Statewide

Appendix 4.A

Sausage Diagram



Roadway Subsystem
National Park Service ITS Field Equipment
NJDOT Central ITS Field Equipment
NJDOT HPMS Field Equipment
NJDOT North ITS Field Equipment
NJDOT South ITS Field Equipment
NJT Rail Drawbridge Control System
NJTA Parkway Division ITS Field Equipment
NJTA Turnpike ITS Field Equipment
SJTA ITS Field Equipment
TRANSMIT Agencies Field Equipment
Security Monitoring Subsystem
NJDOT Infrastructure Security Equipment
NJT Facility Security Equipment
NJT Rail Infrastructure Security Equipment
NJTA Infrastructure Security Equipment
NJTA Parkway Division Infrastructure Security Equipment
SJTA Infrastructure Security Equipment
Toll Collection
Burlington County Bridge Commission Toll Collection Equipment
DRBA Toll Collection Equipment
DRJTBC Facility Toll Collection Equipment
DRPA Toll Collection Systems
E-ZPass Plus Systems
NJTA Parkway Division Toll Collection System
NJTA Toll Collection Equipment
PANYNJ TB/T Tunnels/Bridges Electronic Toll Collection Equipment
Parking Facility Operators
SJTA Toll Collection Equipment
Traveler
Personal Information Access
Travelers Personal Computing Devices
Remote Traveler Support
NJDOT Kiosks
NJT Bus Customer Display Systems
NJT Corporate Customer Information / Display Systems
NJT Facility Security Equipment
NJT Fare Card Reader
NJT Fare Point of Sale
NJT Rail Customer Display Systems
NJTA Kiosks
Vehicle
Commercial Vehicle Subsystem
Private Commercial and Fleet Vehicles
Emergency Vehicle Subsystem
NJDOT ESP Vehicles
NJSP Vehicles
NJT Police Vehicles
NJTA Courtesy Patrol Vehicles
SJTA Emergency Service Patrol Vehicles

Maintenance and Construction Vehicle
NJDOT Maintenance Vehicles
NJTA Parkway Division Maintenance Vehicles
NJTA Turnpike Maintenance Vehicles
SJTA Maintenance Vehicles
Transit Vehicle Subsystem
NJT Access Link Vehicle Security Equipment
NJT Access Link Vehicles
NJT Bus Vehicle Security Equipment
NJT Bus Vehicles
NJT Fare Card Reader
NJT Rail Trains
NJT Rail Vehicle Security Equipment
SJTA Transportation Services Division Vehicles
Vehicle
E-ZPass Tag
NJT Access Link Vehicle Security Equipment
NJT Bus Vehicle Security Equipment
NJT Rail Vehicle Security Equipment
Private Commercial and Fleet Vehicles
Travelers Vehicles
Terminator Center
Archived Data User Systems
DVRPC Planning Staff Systems
FHWA Data Users
FRA Data Users
FTA Data Users
NJDOT Data Archive Users
NJT Archive Users
NJTPA Planning Staff Systems
NTSB Data Users
SJTPO Planning Staff
Transportation Information Users Systems
DMV
NJMVC Vehicle Registration Systems
Other States Departments of Motor Vehicles
Enforcement Agency
ACESP Dispatch
NJSP Commercial Carrier/Safety Inspection Unit
NJSP Dispatch - Troop D
NJSP Dispatch - Troop E
NJSP HAZMAT Unit
NJSP/NJDOT Statewide Dispatch Center
NJT Police Dispatch / Command Center
PANYNJ PAPD 211 Communications Center Dispatch
Equipment Repair Facility
NJDOT Equipment Repair Facilities
NJTA Parkway Equipment Repair Facilities
NJTA Turnpike Equipment Repair Facilities

Equipment Repair Facility
SJTA Equipment Repair Facilities
Event Promoters
Atlantic City CVA
Regional Event Promoters
RIMIS IEN
TRANSCOM Communications Center Servers
Financial Institution
E-ZPass Commerce Business Center
E-ZPass CSC
Financial Institution
NJT Fare Management System
Government Reporting Systems
FRA Rail Safety Database
FTA National Transit Database
Intermodal Freight Depot
PANYNJ Port Commerce Operations Centers
Multimodal Transportation Service Provider
AMTRAK New Jersey Operations Centers
Multimodal Passenger Air and Water Terminals/Stations
National Airline Information Centers
NJT Bus Operations North
NJT Rail Operations Center Systems
PANYNJ Airports AirTrain Operations Center
PANYNJ PATH Operations Center
PANYNJ TB/T Bus Terminals/Stations Communications Desk/Operations Center
Regional Airline Operations
Regional Airport Operations
Rail Operations
AMTRAK National Operations Center
AMTRAK New Jersey Operations Centers
NJT LRT - Hudson-Bergen Operations Center
NJT LRT - Newark City Subway Operations Center
NJT LRT - River Line Operations Center
NJT Rail Operations Center Systems
Railroad Operation Centers
Storage Facility
NJDOT Maintenance Yards
NJTA Parkway Division Storage Facilities
NJTA Turnpike Maintenance Districts
Surface Transportation Weather Service
Private Surface Transportation Weather Information Systems
Weather Service
Weather Service Provider Systems
Field
Multimodal Crossings
NJDOT Central Drawbridge Equipment
NJDOT North Drawbridge Equipment

Multimodal Crossings
NJDOT South Drawbridge Equipment
NJT Rail Drawbridge
Traveler
Traveler Card
E-ZPass Tag
NJ Universal Smart Card
NJT Fare Card

Appendix 4.B

ITS Inventory – Sorted By Stakeholder

Appendix 4.C

ITS Inventory – Sorted By Entity

Appendix 5.A

List of Customized Market Packages

Appendix 7.A

Functional Requirements

Appendix 9.A

Architecture Flows and Definitions

Appendix 12.A

Implementation – Project Tables

Advanced Public Transportation Systems

Appendix 12.B

Implementation – Project Tables

Advanced Traffic Information Systems and

Advanced Traffic Management Systems

Appendix 12.C

Implementation – Project Tables

Commercial Vehicle Operations

Appendix 12.D

Implementation – Project Tables

Public Safety

Appendix 12.E

Implementation – Project Tables

Information Archive Management

Appendix 12.F

Implementation – Project Tables

Electronic Payment and Parking Management

Appendix 12.G

Implementation – Project Tables

References

Appendix 13.A

Applicable ITS Standards