

IBTTA Interoperability Committee
(IOP)

Status Report

**In Pursuit of Toll
Interoperability**

**IBTTA Board of Directors
2010**

IBTTA Interoperability Committee
(IOP)

IBTTA Boston Summit
May, 2010

Breakfast Meeting

IBTTA Interoperability Committee

(IOP)

Content Analysis

- ❖ Interstate Data Sharing and Enforcement
- ❖ Federal-State Coordination
- ❖ ETC Standards, Testing and Certification
- ❖ Transaction Clearing/Settlement
- ❖ Agency Issues

Interoperability Issues

All Listed Issues

Interstate Enforcement Data Sharing	EVR	Cross Border Stds	National License Plate Stds	Invoic Fed'n Stds (Legal Framework)	Invoic All (Process)	Privacy	Driver Merics	Standardize Vehicle ID-RFD Protocol (Open)	Certification Process	Need for AVI ACI	Federal Transition System (or Merit)	System Accuracy Stds	National Clearinghouse for Toll Transactions (Yes)	Interdependent Accounts	Transaction Standards (Business Rules)	Agency Cost vs Problem (Costs)	Customer Needs and Desires	Procurement	ICP Agency Team	Usage Based Solution	Evaluate Technologies	
1 Mr. James A. Buckle					1											1						
2 Mr. David J. Campbell	1					1		1								1						
4 Mr. Scott Cooper		1											1									
5 Mr. Jim Cranston								1														
6 Mr. James A. Crawford	1									1	1											
7 Mr. Bruno de la Fuente																						
8 Mr. Glenn L. Decker																						
9 Ms. Victoria Dewey				1																		
10 Mr. Thana Dhoogha-Chetty																						
11 Mr. JJ Elin					1																	
12 Mr. Joe Ely																	1					
13 Mr. Alan Elliot																						
14 Mr. Ronald A. Fagan												1										
15 Mr. Wayne V. Ferguson	1						1										1					
16 Mr. Robert Frank								1													1	
17 Mr. Andrew Frontier					1																	
18 Mr. John Freund								1														
19 Mr. Tim Garrett					1															1		
20 Mr. D.J. Gilson																						
21 Mr. Clayton Howe																						
22 Mr. Richard C. Hunt																						
23 Mr. Joshua Johnson																						
24 Mr. Jason Jundt																						
25 Mr. Ferdinand Kibic																						
26 Mr. Thomas S. Knackley	1							1								1	1					
27 Mr. Dean E. Koder	1													1	1							
28 Mr. David Kolesic																					1	
29 Mr. Frank Long																						
30 Mr. Spill Magi																						
31 Mr. Timothy J. McGuakin					1																	
32 Mr. John McKinney																						
33 Mr. Philip D. Miller	1			1																		
34 Mr. Julia Monaco																						
35 Mr. Steve Morello	1														1	1						
36 Mr. Mike Payne	1				1			1													1	
37 Mr. Colleen Pennington																						
38 Mr. Ken Phinus	1			1																		
39 Mr. Grady Raskin	1												1									
40 Mr. William L. Rapp	1							1			1											
41 Mr. Martin Ricomani					1	1		1								1		1				
42 Mr. Manfred A. Ritsch	1																					
43 Mr. Randy D. Rischon					1																	
44 Mr. Bruce Roesser								1														
45 Mr. Rosa Clara Rounswre	1							1								1						
46 Mr. Jason Schirmer																						
47 Mr. Dick Schwacha	1																					
48 Mr. Lemmy Smith																						
49 Mr. Martin Stone							1			1												
50 Mr. Michael Vialy																1						
51 Mr. Harold W. Vornat																						
52 Mr. Kili N. Vuontesfeldt															1							
Technology and Interoperability																						
53 Mr. Peter Acel	1							1													1	
54 Mr. Sarah Bilalshadrin																						
55 Mr. Jay H.L. Calton																						
56 Mr. Eric Christensen																						
57 Mr. Bart Cina				1																		
58 Mr. Alberto L.C. de Cansano																						
59 Mr. John Emrick								1			1											
60 Mr. Jorge Figueroa																						
61 Mr. Jim Hansen																						
62 Mr. Ian M. Grossman																						
63 Mr. Mark Mahoney	1																					
64 Mr. Suzanne Miller								1	1						1							
65 Mr. Jack Opita								1								1						
66 Mr. Eric Radman								1												1	1	
67 Mr. Dan Riddick																						
68 Mr. Craig J. Stone								1														
69 Mr. Mark G. Swank																						
70 Mr. Anonymous	1	1		1	1	1		1	2					1							3	
17	2	1	1	1	5	11	3	1	17	2	2	2	3	2	8	2	6	5	3	1	1	3

Areas of Interest

Interstate Data Sharing & Enforcement	Federal-State Coordination	ETC Standards & Certification	Transaction Clearing/Settlement	Agency Issues
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IBTTA Interoperability Committee

(IOP)

Steering Committee

Scott Stewart (IBI)
Dave Kristick (E-470)
Rosa Rountree (Aegis)
Jack Opiola (D'artagnan)
Tom Knuckey (Atkins)
Marty Stone (THEA)
JJ Eden (AECOM/ATI)
Greg LeFrois (HNTB)
Ed Regan (Wilbur Smith)
Tim McGuckin (OmniAir)
Neil Gray (IBTTA)

August 26, 2010 – Agenda

Where Do We Want to Go (Goal Setting)
Where We Are (Hurdles & Opportunities)
Where We Are (Creating the Shortlist)
How Do We Get There (Reaching the Goal)
How Do We Get There (Priority Setting)
**Committee Organization, Assignments
and Next Steps**

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Where Do We Want to Go (Goal Setting)

Interoperability means ...

Each member was asked to prepare a one-sentence explanation of toll interoperability. This explanation is how you would describe interoperability to ALL of the following with one single phrase or sentence:

- an elected official
- a member of the press
- a toll agency official or board member
- a professional engineering consultant
 - a toll account holder
- a driver with no toll account or toll experience, and
- an average member of the public

--- in other words, a simple, universal description of toll interoperability.

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Where Do We Want to Go (Goal Setting)

**Interoperability means ...
toll customers may pay for
travel and related services
across jurisdictions with a
single account and a choice
of payment methods.**

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Where Do We Want to Go (Goal Setting)

Interoperability means ...
toll **customers** may pay for
travel and related services
across jurisdictions with a
single account and a choice
of payment methods.

Customers

Drivers or vehicle and
business owners who
are willing to pay

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Where Do We Want to Go (Goal Setting)

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Travel/Related Services

Fees on roads, bridges,
tunnels, HOT & managed
lanes and services like
parking, food, gas, etc.

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Across Jurisdictions

**Countries, regions,
states (interstate and
intrastate), counties,
cities, and agencies**

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Where Do We Want to Go (Goal Setting)

Interoperability means ...
toll customers may pay for travel and related services across jurisdictions with a **single account** and a choice of payment methods.

Single Account

One account - serviced by a transaction settlement system open to multiple providers

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Where Do We Want to Go (Goal Setting)

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Payment Choices

Customer may choose
multiple payment options
offered by account and
service providers

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Where Do We Want to Go (Goal Setting)

Interoperability means ...
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Basic principle

Toll operators must have
choices of identification
& payment technologies
based on open standards

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Where We **Are** (Hurdles & Opportunities)
Where We **Are** (Creating the Shortlist)
Lunch & Open Discussion
How Do We **Get There** (Reaching the Goal)
How Do We **Get There** (Priority Setting)
**Committee Organization, Assignments
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**SUB-COMMITTEES
& AGENDAS**

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Neil Gray (IBTTA)
PJ Wilkins (IAG)

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**SUB-COMMITTEES
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Current Activities

- Sub-Committee Membership Population**
- Refine Agendas (vice-chairs)**
- Sub-Committee Meetings**
- Operator Survey**
- Coordination Effort (IBTTA Board/Executive)**
 - o ATI
 - o OmniAir
 - o I-95 Coalition
 - o US DOT
 - o AAMVA
 - o States, Regions & Agencies Involved in Testing and Transponder/Reader Procurements (IAG, WashDot, Utah DOT, GDOT/SRTA, etc.)

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Conceptual Plan

- Overall Approach for Achieving North American Interoperability**
- Long-Range Vision** (not technology specific)
- Roadmap for Evolving to Interoperability**
 - Implications of Future Funding Needs – VMT
 - Need for Open Standards, Testing & Certifications
 - Desire for Competitive Environment for Technology Vendors and Service Providers
 - Recognition of Multiple Payment Approaches
- Initial Step** (mostly regional in focus)
- Elements: Some Detail - Some High Level**
- Business Case for Decision-Making**

IOP Committee Activities Schedule

