

Work Product Category	Tool(s)	Verification Method(s)	Validation Method(s)
Requirements	Rational RequisitePro, BugZilla	Peer Reviews	Formal Reviews, QA Audits, Prototypes, Customer Acceptance of Requirements Specification.
Designs	Rational RequisitePro, AllFusion ErWin	Peer Reviews	Formal Reviews, Customer Acceptance of Design Specification.
Software	Subversion, Visual Studio, Rational ClearQuest	Peer Reviews, Unit Testing, Integration Testing, System Testing, Quality Audits	User Acceptance Test (UAT), Customer Acceptance of Software.
Documentation	Rational ClearQuest	Peer Reviews	Formal Reviews, QA Audits, Customer Acceptance of documents.
Test Procedures	Rational TestManager, Rational ClearQuest	Integration Testing, System Testing	Customer Acceptance of Test Specification.

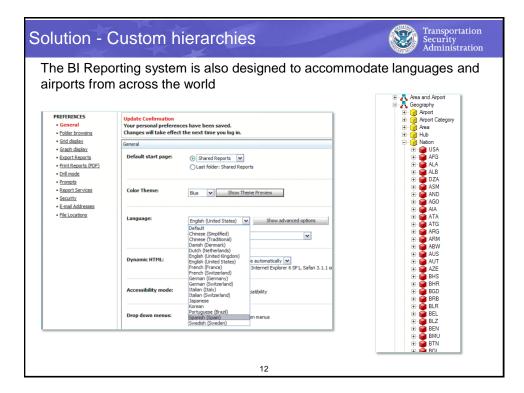


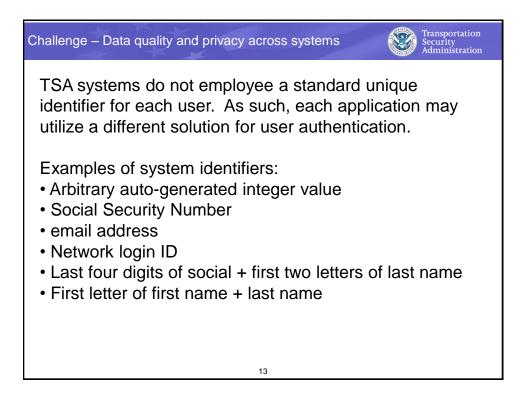
Transportation Security Administration

Many TSA systems allow user-entered checkpoint names, machine information, and airport location data. These text-based entries may differ depending on the individual(s) performing data input.

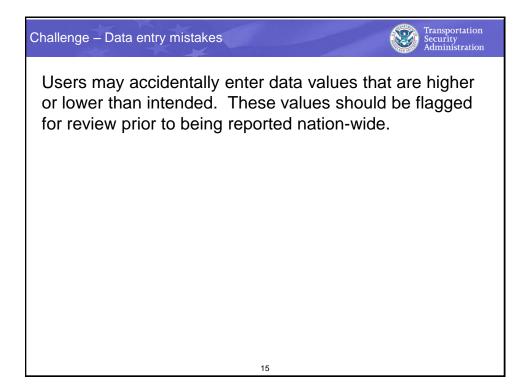
Furthermore, changes to geographic information must be propagated in a timely manner to both data entry and reporting systems.

olution - Cus	tom	hiera	rchies	Transportation Security Administration
	. All g	eogra		nd reporting across gged with unique identifier and
New Passenger C			hade cells).	1. Choose Geography Search for: Available: B @ Arport Category
Date: 2/16/2010 Checkpo	oint: Dulles Dia		shift: Shift 2 💌	Arport
weapons/uther Pro	<u>Checkpoint</u> <u>General</u> mandatory	Selectee Checkpoint	Random Gate Screening Performed2	OUT:Baltimore-Washington International OUT:Charlotte/Douglas International U
Sharp objects				2. Choose a Shift
Knives and blades (less than 3 inches)				Leave unchecked to include all shifts
Tools				Shift 1
Fireworks		0	0	🗌 📦 Shift 2
Ammunition and gunpowder		•		🗌 📦 Shift 3
Flammables/Irritants		0	0	Shift 4
Knives and blades (3 inches or more)		-		
Replica Weapons				3. Choose a Day of the Week
Dangerous objects				🗌 📦 Sunday
Clubs, bats, and bludgeons				Monday
Box cutters				🗌 📦 Tuesday
Explosives		0	0	🗌 📦 Wednesday
Lighters				🗌 📦 Thursday
Firearms		0	0	🗌 📦 Friday
		-		Saturday



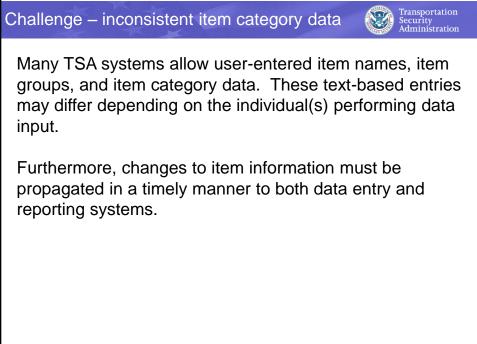


Solutior	י – ו	cross-	syster	m identif	ier refer	ence		Transportati Security Administrat	
				e containi ncrypted u	0,			•	;
SSN	Na	me	Hours	Dollars	SSN	Name	Courses taken	Average Sco	ore
123456789	Joh	hn Doe	40	\$1000	345345078	Bob Smith	6	90.5	
987654321	Jar	ne Smith	80	\$2000	873462961	Robert Doe	15	88.1	
_									
Use	r ID	Encrypted	d SSN	Network ID	External ID	#1 Extern		ame	
1000)1	1SDF3348	SFIF34	John.doe	JHDFG123	13452	3 Jo	hn Doe	
1000)2	435KLH23	34J34J	Jane.smith	KJJKH448	43534	5 Ja	ne Smith	
1000)3	53424234	HJ3HL	Bob.smith	98343400	33664	4 Bc	ob Smith	
					14				

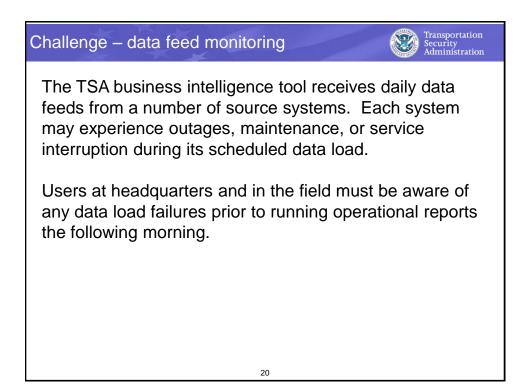


Insert New Boundary					
Airport Category: X					High and low
Metric	Boundary	Value	Active	Activate	houndary limita
Baggage - Baggage Data - Number of Locks Cut or Broken for Screening - Baggage	High Limit	<u>100</u>	Active	De-Activate	boundary limits
Baggage - LEO Intervention - Cash > \$10,000 on International Flights - Baggage	High Limit	2	Active	De-Activate	can be set on a
Baggage - LEO Intervention - Contraband - Baggage	High Limit	2	Active	De-Activate	per-metric, per-
Baggage - LEO Intervention - Drug Paraphernalia - Baggage	High Limit	2	Active	De-Activate	
Baggage - LEO Intervention - Drugs - Baggage	High Limit		Active	De-Activate	category basis for
Baggage - LEO Intervention - Other LEO Interventions for Unresolved Alarms - Baggage	High Limit	2	Active	De-Activate	PMIS submissio
Baggage - LEO Intervention - Undeclared and/or Loaded Firearms - Baggage	High Limit	2	Active	De-Activate	Submissions wit
Baggage - Prohibited Items Identified - Disabling Chemicals and Other Dangerous Items - Baggage	High Limit	<u>25</u>	Active	De-Activate	values outside o
Baggage - Prohibited Items Identified - Explosive Materials - Baggage	High Limit	5	Active	De-Activate	values outside o
Baggage - Prohibited Items Identified - Flammable Items - Baggage	High Limit	<u>25</u>	Active	De-Activate	boundaries are
Baggage - Prohibited Items Identified - Loose Ammunition - Baggage	High Limit	<u>100</u>	Active	De-Activate	outomotically
Baggage - Screener Data - Number of baggage screeners on duty - Baggage	e High Limit	<u>100</u>	Active	De-Activate	automatically
Baggage - Screener Data - Number of baggage screeners scheduled for work - Baggage	High Limit	<u>100</u>	Active	De-Activate	flagged.
Baggage - Screener Data - Number of baggage screeners tardy - Baggage	High Limit	<u>10</u>	Active	De-Activate	
Baggage - Screener Data - Number of baggage screeners with unscheduled absences - Baggage	High Limit	<u>30</u>	Active	De-Activate	
Complaint Counts - Baggage Handling Process	High Limit	<u>5</u>	Active	De-Activate	
Complaint Counts - Civil rights/discrimination	High Limit	<u>2</u>	Active	De-Activate	
Complaint Counts - Discourteous treatment	High Limit	<u>3</u>	Active	De-Activate	
Complaint Counts - Improper handling of property	High Limit	3	Active	De-Activate	
Complaint Counts - Inappropriate contact	High Limit	2	Active	De-Activate	
Complaint Counts - Lack of privacy	High Limit	2	Active	De-Activate	
Complaint Counts - Lax screening	High Limit	2	Active	De-Activate	

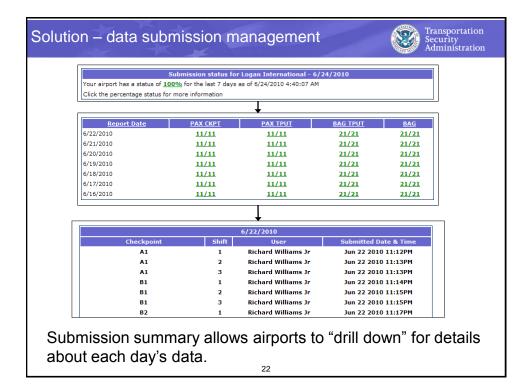
Solution - Flagged	submission	review		Transportation Security Administration
	Date: 2/3/2010	\$		Submit
Each submission	Date	Flagged Submissions	nission Status NonFlagged Submissions	Live Total
	2/3/2010		Submissions 1	<u>0</u> 1
can be individually	Other**	<u>0</u>	<u>0</u>	
reviewed for			*	
accuracy prior to being "promoted" for reporting in the	Date Air 2/3/2010 Baltimore-Wash Airport	port Airpor		Shift Action [View] [Perform Review] [Promote for Reporting]
Business			1	
Intelligence tool.	Date: * 2/3/2010	\$	Checkpoint: Pier A	Shift: 1
-				
		Weapons Intercep	oted at Checkpoint General Value	Comments
	Sharp objects		Old: 0	
	Knives and blades (le	ess than 3 inches)	Old: 0	
	Tools		Old: 0	
	Fireworks		Old: 0	A
	Ammunition and gun	powder	Old: 0	A V
	Flammables/Irritant	5	Old: 0	
	ų.	17		



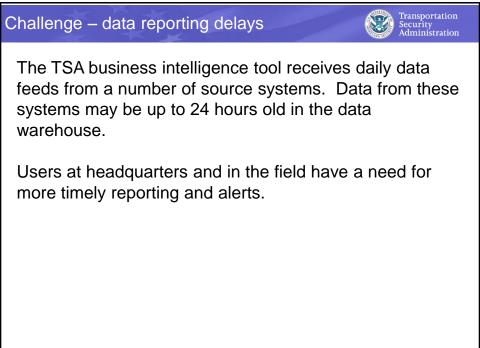
Master List of Cat	egories/Item Names	Categ	ories/Item N	ames for airport				
Category Access Control Access Control Access Control Business cards Business cards Business cards Del Phones Communication Communication Communication Communication Communication	Eem Type Access Card Key Proximity Card Bialness cards Computer Cabel Biachemy Biachemy Cal Phone Desk Phone Pager Two-www Rabio	Category Badges Computer Furnture Phones TV		tem Type Metal Badge Laptops Chai's Cel Phones Flatscreen st Inventory Controlled Property	Inventory			
Communication	VOIP Phone Commuter Storane Media f 1 > > @ NRecords IR #	mt Cancel	Page 1	Category B Badges Computer Primbure Phones TV I V	1 > 기 운 로	Ken Type Meta Badge Laptop Chars Chars Fatscreen	Piecords 1 - 5 of 5	



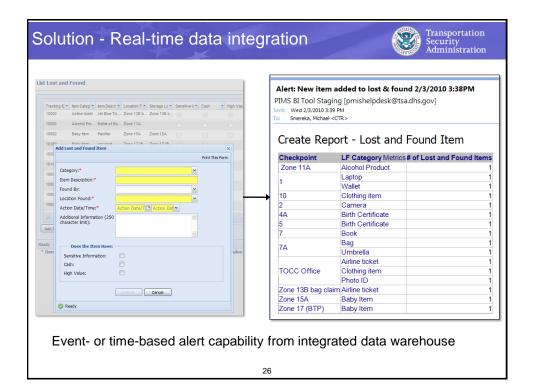
	Field	h Time	Project			
tart Time 1/10/2009 1:00:36 PM		/2009 2:53:12 PM		7385EA28D7620849413	7364	PIMS BI Tool
2/9/2009 6:26:17 PM		2009 6:32:12 PM		7385EA28D7620849413		PIMS BI Tool
2/9/2009 6:48:01 PM		2009 6:54:48 PM		7385EA28D7620849413		PIMS BI Tool
2/9/2009 7:18:53 PM		2009 7:25:22 PM		7385EA28D7620849413		PIMS BI Tool
2/11/2009 1:24:53 PM		/2009 1:25:42 PM		7385FA28D7620849413		PIMS BI Tool
2/11/2009 1:31:28 PM	12/11	/2009 1:32:04 PM	9A87A1E84	7385EA28D7620849413	73F4	PIMS BI Tool
2/12/2009 8:29:40 PM	12/14	/2009 2:06:56 AM	9A87A1E84	7385EA28D7620849413	73F4	PIMS BI Tool
2/14/2009 2:58:32 AM	12/14	/2009 3:40:51 AM		7385EA28D7620849413		PIMS BI Tool
2/14/2009 4:33:56 AM	12/15	/2009 2:14:51 AM	9A87A1E84	7385EA28D7620849413	73F4	PIMS BI Tool
2/15/2009 3:14:24 AM	12/15	/2009 3:58:45 AM	9A87A1E84	7385EA28D7620849413	73F4	PIMS BI Tool
2/15/2009 4:50:44 AM	12/15	/2009 5:19:01 AM	9A87A1E84	7385EA28D7620849413	73F4	PIMS BI Tool
2/16/2009 2:58:24 AM	12/16	/2009 4:00:15 AM	9A87A1E84	7385EA28D7620849413	73F4	PIMS BI Tool
Report Filter: (Date (ID) Between 2/9/20	010 and 2/15/2010)					
						ata rows: 7 Data columns: 6
	PMIS Captured Metric Count	PMIS Throughput Metric Count	Number of IMS Inquiries	Number of PARIS Inspections	Number of PARIS Incidents	Number of PARIS Investigations
Date Metrics			7	36	54	18
Date Metrics 2/15/2010	69,517				69	10
2/15/2010 2/14/2010	77,676	39,133	1	23		
2/15/2010 2/14/2010 2/13/2010	77,676 78,037	39,133 39,078	1	18	72	12
2/15/2010 2/14/2010 2/13/2010 2/12/2010	77,676 78,037 79,360	39,133 39,078 40,358	74	18 176	72 86	12 24
2/15/2010 2/14/2010 2/13/2010 2/12/2010 2/11/2010	77,676 78,037	39,133 39,078 40,358 39,501	74 52	18 176 232	72 86 84	24 57
2/15/2010 2/14/2010 2/13/2010 2/12/2010	77,676 78,037 79,360	39,133 39,078 40,358	74	18 176	72 86	

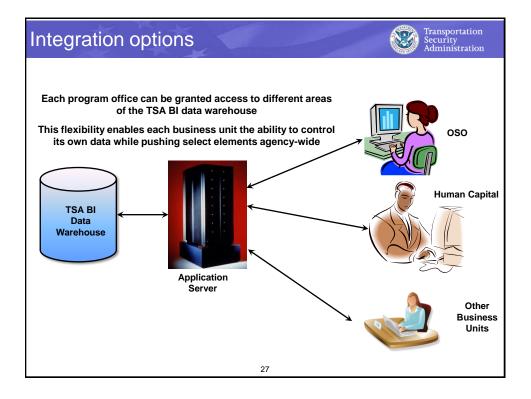


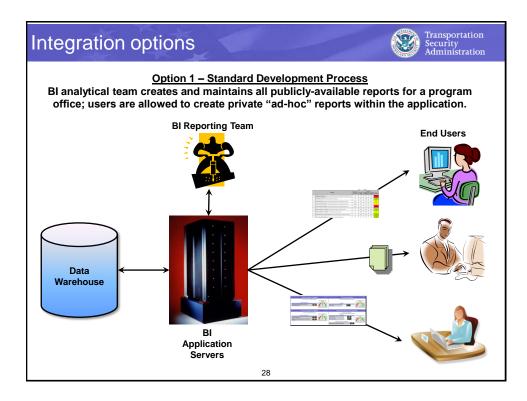
Home	Manage Airline List				
Help	_				
My Preferences	All airlines			Airlines listed for this air	rport
TS Support	Airline Name	 Airline Code 	-	Airline Name	Airline Code
Administration 🔹	40-Mile Air	Q5	^	American Airlines Inc.	AA
Employees	A/S Conair	CIQ		United Air Lines Inc.	UA
Employee Records	AAA Airlines	AAE	=	ABSA-Aerolinhas Brasileiras	M3
Operations v	AAA-Action Air Carrier	Inc. ACI		ACM AIR CHARTER GmbH	0CQ
	AAR Western Skyways			ANA & JP Express Co. Ltd.	9N
Supplemental	Accessal molalitys	ZA		ATA Airlines d/b/a ATA	TZ
Airport Maintenance		VX (1)		Abaco Air, Ltd.	BZQ
E Launchpad	Action Airlines	AON		Academy Airlines	ACD
Manage Airport Lists	Adirondack Airlines	ADR			
Manage Airline List Manage Controlled Property Type List	Advance Air Charters	AAQ			
Manage Key Type List	Advantage Annies	ADV			
🗉 🧰 Manage Airport Settings	Aer Lingus Plc	EI	~		
🗈 🧰 Manage Locations 🗈 🧰 Manage Bins	Ar Turse Teorente		1 - 50 of 1509	4 4 Page1 of 1 ▶	🕅 🖓 No Records 1::: 2 of 2 🍟
Physical Property Tracking			Submit	Control	
Resources	1		SUDMIT	Cancel	
Logout	Ready				



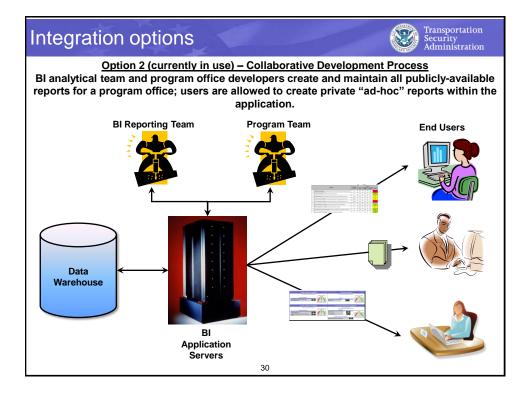
LUSU dhu	Found												
Tracking IE 🔻	Item Categ 🔻	Item Descr 🔻	Location F	Storage Lc 🔻	Sensitive I	 Cash 	 High Value 	 Item Status 					
10000	Airline ticket	Jet Blue Tic	Zone 13B b	Zone 13B b	V		2	Inventory	^				
10080	Alcohol Pro	Bottle of Bo	Zone 11A					Returned					
10082	Baby Item	Pacifier	Zone 15A	Zone 15A				Inventory					
10160	Baby Item	car seat	Zone 17 (B	Zone 17 (B			Home +	Tools	Data	Grid	Format -		
10201	Umbrella	Pink & purpl	7A	7A		R	∽ ∧ <u>≥</u>			A D. D			
10142	Bag	Brown	7A							🧉 🖻 🗋	🖻 🔁 🔡 🛛		
10081	Birth Certifi	John Doe	4A		\checkmark								
10061	Laptop	Dell Latitude	1			Airpo	ort			-	y Metrics # o f	f Lost an	d Found Items
10060	Wallet	Black walle	1		\checkmark					Airline ticket			2
10083	Camera	Sony	2						-	Alcohol Proc	duct		1
14 4 Pag	pe 1 of 1	► N @	🛛 🔹 No ap	plied filters 🔻					-	Baby Item			2
Add Item										3ag 3irth Certific	oto		1
										Birtin Certino Book	ale		2
dy						<u>ORD</u>	O'Hare Inte	ernational A	irnort	Camera			. 1
									-	Clothing iten	n		2
									-	_aptop			1
									F	Photo ID			1
									l	Jmbrella			1
									1	Nallet			1



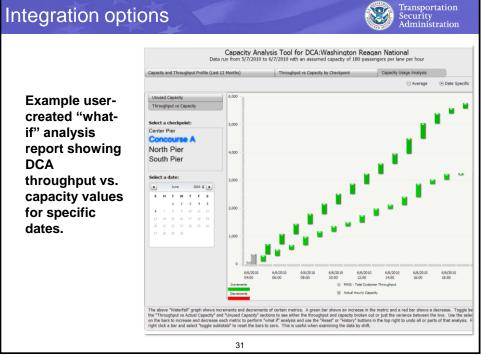




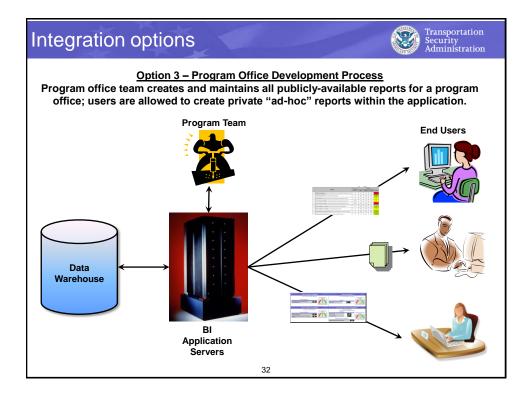
Transportation Security Administration		PIMS B	usiness Inte	ligence Tool 3.02
Shared Reports My Reports History List My Subscriptions Create Document F	references	Search	9	Help Logout
A ter and PIMS BI Tool > Shared Reports > Passenger Screening Reports >	Prohibited Item Reports > Amou	at of money left at d	recknoints	
Home - Tools Data Grid Format			Last update	e: 6/24/10 1:29:59 PM
🖥 🗠 ా 📐 🖬 🖬 🕹 🧉 🖻 🕼 🖬 🖬				
		Dat	a rows: 431	Data columns: 1
Airport	State	Category	Metrics	Amount
ABR Aberdeen Regional	SD	IV		\$0.02
ABI Abilene Regional Airport	TX	ш		\$0.01
SPI Abraham Lincoln Capital Airport	IL	m		\$0.00
ADK Adak Naval Air Station SLK Adirondack Regional	AK	III IV		\$0.00
CAK Akron-Canton Regional	OH	п		\$22.04
ALS Alamosa-San Luis Valley/Bergman Field	co	īv		\$0.00
ALB Albany County	NY	I		\$5.89
OAJ Albert J Ellis	NC	ш		\$0.00
ABQ Albuquerque International Sunport	NM	I		\$17.53
AEX Alexandria International	LA	IV		\$0.00
AIA Alliance Municipal	NE	IV		\$0.00
APN Alpena County Regional	MI	IV IV		\$0.00
AOO Altoona-Blair County AMA Amarillo International	PA TX	и П		\$0.00
ANC Anchorage International	AK	1		\$15.36
GUM Antonio B. Won Pat International	GU	î		\$1.59
ACV Arcata-Eureka	CA	ш		\$0.00
AVL Asheville Regional	NC	п		\$2.23
ASE Aspen Pitkin County Sardy Field	CO	ш		\$0.63
AHN Athens/ Ben Epps	GA	IV		\$0.00
ACY Atlantic City International	NJ	п		\$1.56
AUG Augusta State AUS Austin Bergstrom International	ME TX	IV I		\$0.00
GRB Austin Straubel Field	WI	п		\$99.27
BWI Baltimore-Washington International	MD	x		\$84.17
BGR Bangor International	ME	п		\$0.10
PAH Barkley Regional	KY	IV		\$0.00
HYA Barnstable Municipal	MA	ш		\$0.00
MOB Bates Field Airport	AL	п		\$12.27



Integration options



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6	Transpo	rtation Security A	dministration				PIMS Business In	telligence Tool 3.0
C	Shared Re					Searc		Help Logou
	Home	Tools Data •	4S BI Tool > Shared Reports > AIM Grid Format -	Reports > Shared Rep	orts > Draft Operations	s Reports > Equipment Stat		uipment Status late: 6/24/10 4:46:41
B			unu Pormationalis	Σ Σ 🛛 🔹			LUSCOP	10111 0/2 // 10 1. 10. 11
							Data rows: 1	7 Data columns: (
Airpo	ort	Checkpoint	CB Equipment		CB Equipment Item Serial Nbr	CB Equipment Item Svc Change Reason	CB Equipment Vendor Ticket Nbr	CB Equipmen Issue Closed Date
		1	GE Morphodetection (Formal GE Infrastructure) ItemiserDX	6/24/2010	180295	Down for Maintenance	296032	-
		за	Handheld Sabre 4000	6/20/2010	43290	Down for Maintenance	-	-
			RAPISCAN 620DV	6/22/2010	7084807	Operational with Service Ticket	295487	-
		6	Rapiscan Systems Secure 1000	6/23/2010	S51002010	Down for Maintenance	295659	-
			CEIA 02PN20	5/6/2010	20206045402	Operational with Service Ticket	281531	-
		7		6/20/2010	7084205	Down for Maintenance	294691	-
			RAPISCAN 620DV	6/21/2010	7085004	Operational with Service Ticket	295064	-
	Chicago-	7A	Handheld Sabre 4000	6/21/2010	43288	Down for Maintenance	TSA	-
ORD	O'Hare International	9	CEIA 02PN20	5/20/2010	20206048168	Operational with Service Ticket	285254	-
				1/13/2010	10024875532	Down for Maintenance	251689	_

