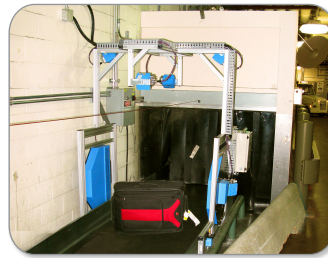




## Conventional Reconciliation Systems Miss the Big Picture

- Most Baggage Reconciliation Systems do not provide big-picture tracking and reporting for bags. They are standalone applications that provide only the basic flight reconciliation required for passengers and checked baggage.
- Load issues for the flight are not discovered until minutes before departure when there is little time to correct issues (such as unloading bags for off-loaded passengers) while still meeting scheduled departure times.
- Legacy systems are not user-friendly, often using obsolete, text-based navigation requiring users to select specific functions, which slows down work flow.



## SmartBag - The Smarter Way to Manage Bags

- SmartBag provides a new perspective on traditional BRS functionality. Centralized installation enables enterprise-wide data sharing across multiple stations to provide end-to-end tracking of baggage.
- SmartBag performs reconciliation by matching passengers with checked bags, and then provides real-time information alerting operators to discrepancies.
- SmartBag supports many categories of baggage, including Active/Inactive bags, Priority bags and Transfer bags.
- Automatic processing of delayed or unknown bags significantly reduces airline expenses.
- Action Items are pushed to hand-held terminals to notify operators of Authority-to-Load status changes, transfer bags awaiting pickup, etc.
- If a bag needs to be offloaded, SmartBag provides detailed location information to the baggage handler.

## Solution Highlights

- Accurate bag-to-passenger reconciliation
- Departure and arrival bag scanning
- Detailed information about the life cycle of each bag
- Baggage Operations Dashboard provides an overview of scheduled flights
- Action Items are pushed to the operators via a hand-held terminal, enabling operators to proactively resolve issues

*"Brock's SmartBag Baggage Reconciliation provides comprehensive tracking of a bag from the sort pier, to the aircraft, to the claim device, as well as any transfer points in between. SmartBag can combine tracking data from check-in and sortation systems to provide searchable details on the life cycle of each checked bag."*

## Providing Each Bag's Story - From Beginning to End

- Each time a bag tag is scanned by a tag reader throughout the departure and arrival process, a record is stored in the database. The more scan points, the more complete the bag's story.
- SmartSuite Web Client provides access to the Baggage Operations Dashboard, advanced searching capabilities, detailed reports and system configuration.
- SmartBag can interface with a DCS Host, FIDS, WorldTracer, Weight and Balance Systems and other baggage management systems as required.

Operations Dashboard

Station: YEG | DOM | INT | TB | Carriers: AC, QK, ZX | Next: 30 minutes | Search | 5 Flight(s) Found. | Refresh: 1 min.

Flight	Date	Sch.	Est.	Status	Dest	Market	Fin	Type	Gate	Bags Loaded	Bags to Load	Total Auth. to Load	Not Auth. to Load	Total Bags Expected	Action Items
QK 838	01MAR	15:45L	15:45L	OnTime	YMM			DH3		0	43	43	0	43	0
AC 178	01MAR	16:00L	16:00L	OnTime	YYZ			E90		0	114	114	0	114	0
AC 247	01MAR	16:00L	16:00L	OnTime	YVR			319		0	41	41	0	41	0
AC 292	01MAR	16:00L	16:00L	OnTime	YYC			E90		0	42	42	0	42	0
QK 8151	01MAR	16:30L	16:30L	OnTime	YYC			DH3		0	10	10	0	10	0

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AC015001 | 11:39

### Process Baggage

- AC404/12MAR/320/
- BULK HOLD//MB/2  
Next: None

Scan a Flight, ULD/Cart or Bag Tag or Use Manual Entry.

- Manual Entry

**LOADED**  
AC946666 successfully loaded into BULK HOLD.

- Action Items for Flight: 1

Menu

Flight Management

Choose Flight | Date: 3/1/2010 | Carrier: AC | Flight: 237 | Station (optional): | Search | 1 Flight Returned

General | Action Items (0) | Bags (51) | ULDs / Carts

### Bag Summary

Loaded: 0 | To be Loaded: 51 | Standby: 0 | To Unload: 0

		Total	Local	CNX	Rush	Gate	Thru	Other
Not Loaded	Okay to Load	51	46	5	0	0	0	0
	Not Okay To Load	0	0	0	0	0	0	0
Unloaded	Okay to Load	0	0	0	0	0	0	0
	Not Okay To Load	0	0	0	0	0	0	0
Loaded	Okay	0	0	0	0	0	0	0
	To Unload	0	0	0	0	0	0	0
<b>Total</b>		<b>51</b>	<b>46</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Local Bags Not Loaded | Transfer Bags Not Loaded

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**SMART SUITE**

SmartBag Baggage Reconciliation can be implemented as a standalone system or integrated with other SmartSuite modules, providing complete end-to-end tracking of passengers and their baggage.

## About Brock Solutions

With the successful delivery of over 4,000 automation projects worldwide across vertical sectors, Brock Solutions is one of the largest real-time automated systems providers for transportation and logistics, heavy industry and manufacturing.

Brock entered the Aviation industry over a decade ago with SmartSort, and since then, through extensive collaboration with industry stakeholders, has developed an entire suite of solutions to address and resolve key industry problems by enhancing baggage handling and passenger processing practices and streamlining airport operations.

Brock Solutions is an IATA Strategic Partner and a Controls Engineering System Integrator Hall of Fame member.

For more information about SmartBag visit: [www.brockolutions.com/smartsuite](http://www.brockolutions.com/smartsuite)



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