

# IntelliBag - Baggage Management System

Baggage mishandling remains one of the top cost-drivers in airport operations. Often baggage delays are caused due to transfer, arrival and departure mishandling, failure to load, and other loading errors. IntelliBag addresses these concerns and increases your competitiveness.

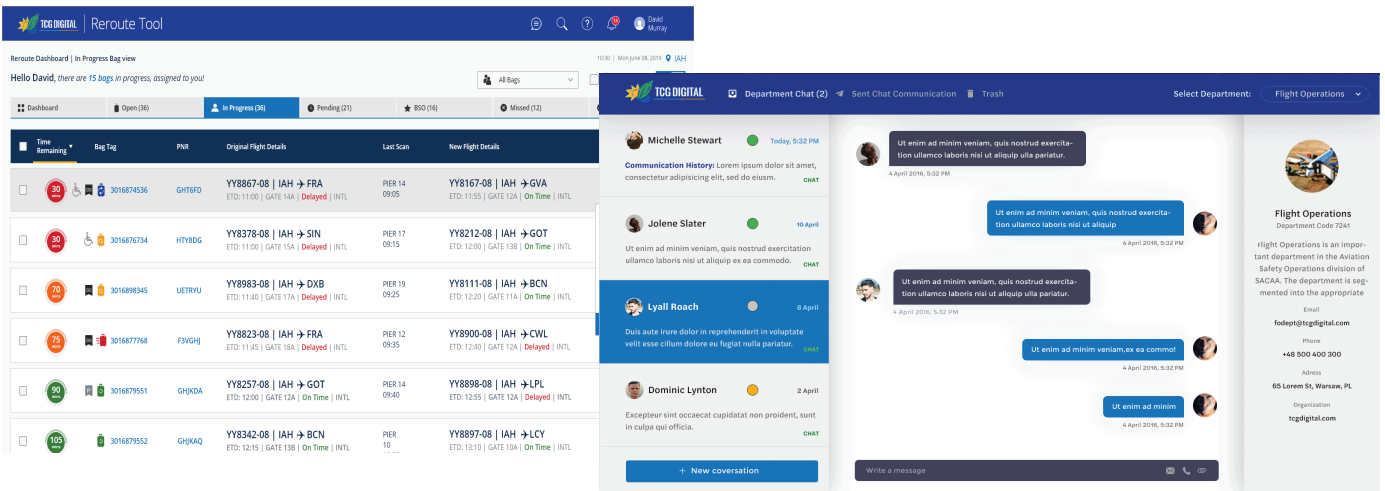
## Product Features

Bag AI	Business Rules	Agent Mobile Scanner App	Centralized Baggage Services
 <p><b>“Provide insights &amp; recommend actions”</b></p> <ul style="list-style-type: none"> <li>Insights bot &amp; analytics</li> <li>Dashboard</li> <li>Collaboration platform</li> </ul>	 <p><b>“On-the-fly”</b></p> <ul style="list-style-type: none"> <li>Positive passenger bag match</li> <li>Proactive reroute &amp; rush</li> </ul>	 <p><b>“Track &amp; notify”</b></p> <ul style="list-style-type: none"> <li>Mobile loading scanner app</li> <li>Real-time tracking &amp; notification</li> </ul>	 <p><b>“Built with”</b></p> <ul style="list-style-type: none"> <li>Open architecture</li> <li>Scalable infrastructure</li> <li>Centralized data storage &amp; exposed API</li> </ul>

## Key Highlights

- Smart dashboards powered by AI and advanced analytics that provides insights and recommends actions
- A prebuilt and easily configurable baggage rules engine for mishandled baggage scenarios
- An integrated collaboration platform that allows ramp agents to communicate in real-time

## Product Screen







Time Remaining	Bag Tag	PAR	Original Flight Details	Last Scan	New Flight Details
30	3016874536	GHTSFO	YY8867-08   IAH → FRA ETD: 11:00   GATE 11A   Delayed   INTL	PIER 14 09:05	YY8167-08   IAH → GVA ETD: 11:55   GATE 12A   On Time   INTL
30	3016876734	HTYBDG	YY8378-08   IAH → SIN ETD: 11:00   GATE 15A   Delayed   INTL	PIER 17 09:15	YY8212-08   IAH → GOT ETD: 11:00   GATE 13B   On Time   INTL
70	3016898345	UETRYU	YY8983-08   IAH → DKB ETD: 11:00   GATE 17A   Delayed   INTL	PIER 19 09:25	YY8111-08   IAH → BCN ETD: 12:30   GATE 11A   On Time   INTL
75	3016877358	F3VGHJ	YY8823-08   IAH → FRA ETD: 11:00   GATE 15A   Delayed   INTL	PIER 12 09:35	YY8900-08   IAH → CWL ETD: 12:00   GATE 12A   Delayed   INTL
90	3016879551	GJKSDA	YY8257-08   IAH → GOT ETD: 12:00   GATE 12A   On Time   INTL	PIER 14 09:40	YY8898-08   IAH → LPL ETD: 12:55   GATE 12A   Delayed   INTL
105	3016879552	GJKSHQ	YY8342-08   IAH → BCN ETD: 12:15   GATE 13B   On Time   INTL	PIER 10 10:...	YY8897-08   IAH → LCY ETD: 13:10   GATE 10A   On Time   INTL

Ramp agents can execute subsequent transactions on all bags that are ‘rerouted’ or ‘rushed’ based on custom rules

Collaboration platform that allows ramp agents to communicate in real time and to resolve potential scenarios for delayed baggage

## Advantages of IntelliBag

	Differentiators	Benefits
1	 <p>"Third eye" with bag AI</p>	<ul style="list-style-type: none"> <li>Provides insights and recommends actions for delayed bags</li> <li>Collaborate through department chats across multiple locations</li> <li>Tracks operational performance using real-time dashboards</li> </ul>
2	 <p>"On-the-fly" business rules engine</p>	<ul style="list-style-type: none"> <li>"On-the-fly" creation of new business rules</li> <li>Pre-built baggage rules with exposed API</li> <li>Adapts to changes with configurable business rules</li> </ul>
3	 <p>"Track &amp; notify" using agent scanner app</p>	<ul style="list-style-type: none"> <li>Increases virtual touchpoints using mobile scanner application</li> <li>Enables integration with next generation scanners</li> <li>Provides notifications to ramp agents</li> </ul>
4	 <p>"Pluggable" solution with financial flexibility</p>	<ul style="list-style-type: none"> <li>Compatible with IATA and non-IATA industry messaging formats</li> <li>24/7 availability</li> <li>Pay-per use model – flexible in capacity and pricing</li> </ul>

## NUMBERS THAT SPEAK

**\$1 billion**

Facilitating \$1 billion in annual baggage fee revenues

**200 million**

Enhancing passenger experience for 200 million travelers each year

**100,000**

Streamlining collaboration between 100,000 airline employees

**5000**

Optimizing over 5,000 flights daily

**50 million**

Engaging over 50 million frequent flyers to drive retention and ancillary revenue

## ABOUT TCG DIGITAL

TCG Digital, formerly known as SkyTECH, is the flagship technology solutions company of 'The Chatterjee Group' (TCG), a multi-billion dollar, multi-national conglomerate. TCG Digital Aviation is the aviation transformation arm of TCG Digital.

## CONTACT US

**Prith Choudhury**  
prith.choudhury@tcgdigital.com  
+1-(312) 834.8229

**Debabrata Ray**  
debabrata.ray@tcgdigital.com  
+1-(312) 813.9588