

# Ramco Systems



Home Station Park/ Taxi	Take-Off	Depart/Climb	En-Route	Approach	Landing	Remote Station
Out	• Off	•Engine Data	Position Reports	Approach  Gate Info	• On	Park/ Taxi
Link/Test Clk Updates Fuel Reports Crew info Delay Reports	• Engine Data		Weather Reports     Delay Information     ETA     Performance     Reports     Voice Requests     Engine Data     Maintenance     Information	• Requests		• Fueling Data • Crew Information • Fuel Reports
ROM AIRCRAFT			Oceanic ADS			
O AIRCRAFT						
PDS ATIS DDTC Weight & Balance Flight		• Weather Reports	Re-Routing     Information	Re-Routing Information TWIP Oceanic Clearances	Gate Information     Passenger     Information     Crew     Information	

## **AIRLINES & ANALYTICS**

## HOW THE AIRLINE INDUSTRY USES DATA TO FLY HIGHER

To stay ahead of the curve in a highly competitive industry. Airlines leverage a wide range of data and analytics techniques. The end goal is to maximize revenue and reduce costs

As you can see these are big numbers.

US\$22 billion

Her an insertment technicy has reved more \$225m to the positions of \$225m to the positions of the position of

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2% to 7%

Returned had entouropeous annually with data street.







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## 38 Touchpoints

Propositions which any no 24. software well-star before



### US\$582 million

Jarge carrier program \$36 auditor

# \$762 billion

Microbarde Dagitel Transi Libra II predicted to reach \$762 United by 2019

Charles programs

64% they theke partitions

50% - atom they true

tracking Locally value and arrange posteropers with offers in real time ecross FFE

## I US\$20 to \$30 million

to team in errord recesses when directed use this state and empirity to controlle force and predict price change

COST

REDUCTION



### **US\$25 Billion**

birther and Airports can see entrusty from Right disreptions by harmoning artificial insolitance. reprise comparing profession



ners estous inter nivg a ticket

## \$7Million per year

men 100 000 ADG telestron our h year artifles pay be argued to \$7 million annually in Alfordi an Organic (ADG) code.

or Analytics helps Airbre Carrier in conduc orce. This imprimes predictability on pre-stoling and restales huge operational costs

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## How come cheap airlines are so cheap?

Fastest growing segment of air travel are low fare airfines (LFAs), sometimes called low cost companies (LCC). LFAs now constitute 35% of scheduled intra-EU point to point traffic - and the cheap flights revolution in Europe only started in 1990 by Byanair. In the USA it was the Southwest Airlines that has led the attack against high flights prices since 1972.

### Low cost airline

# Regular airline

### So how cheap are the cheap flights? Average fare (1) -

fyarair.	Emjet	Aertyngus	Southwest
44	65*	94	106,60*
0	0	(	
BHANAIT		Arriago A	MACHINETT.
Higher seat			STA

148 seats, sangle class cabin



Fast turnarounds (up to 25 min.) - higher utilization of the plane



Direct flights - point to point, no transfers, short routes



Smaller airports - cheaper; simple ground facilities.



Tickets sold directly, mostly by Internet (easylet-#5%)



- no additional costs



Standardised firet (only one aircraft type - cheaper muntanence. training.



High variable-proportion of salary hus-to 26 %2, better HR utilisation







Air France

128 yeats in a regular one

truffic (approx. 45 min.)

Transfers.

long hauls

Damy tickets sold by travel

Entertainment programme

quick check in, founges, paper tickets, business class, catering.

Various aircraft.

agencies, l'ilcuming extra charges.

Bigger airports

- mare expensive.

Turnaround slowed down by use of

major airports with large amount of

British Ainways

1.00

iditions

235

High basic salaries (variable proportion up to 13 %], trade union affiliation

## The case of extreme productivity

Passengers per employee:

tayet 64444444 6772

British Almany: 1 735

Air France | 115

