

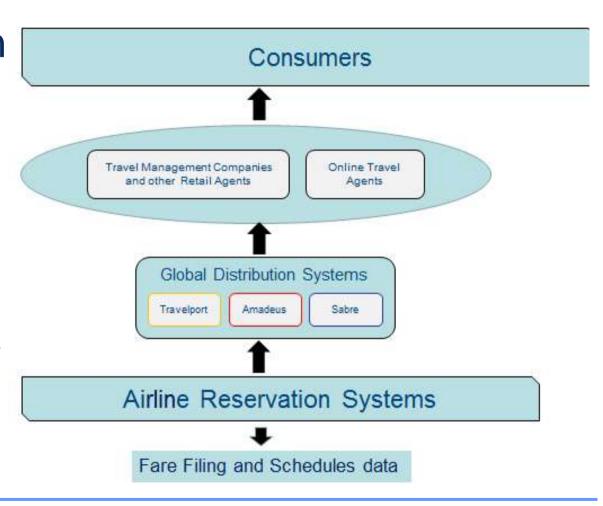


New Distribution Capability (NDC)



Current distribution

- Airlines file fares and schedules with 3rd parties
- GDSs package and push offers based on third party data bases (price/frequencies)
- Agents submit travelers' requests using GDS
- Airlines last to know who has purchased airline ticket
- Distribution capability constrained by GDS level of innovation



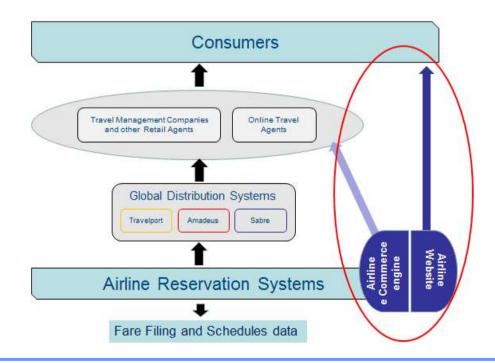


Price D	eparture Duration Arrival	Nonstop	Airlines Departs Departs	
A van start	1:15p Nonstop LHR Total duration: 9h 20m London Arrives next day	3:05a BOM Mumbai	\$670.37 ¥	
JET AIRWAYS €	9:30a — Nonstop — LHR Total duration: 9h 0m London	→ 11:00p BOM Mumbai	\$761.07 ¥	
jet airways 🎸	9:25p Nonstop LHR Total duration: 9h 5m London Arrives next day	→ 11:00a BOM Mumbai	\$877.07 \$	
BUTSH ARWAYS	9:45p Nonstop LHR Total duration: 9h 0m London Arrives next day	T1:15a BOM Mumbai	\$910.37 *	
BRITISH ARRANS	10:55a Nonstop LHR Total duration: 9h 10m London Arrives next day	→ 12:35a BOM Mumbai	\$910 ^{.37} ¥	
virgin istantič	10:35a Nonstop LHR Total duration: 9h 20m London Arrives next day	→ 12:25a BOM Mumbai	\$969 ^{.37} ¥	6/13/2013



Airline websites & "Direct Connect"

- Internet gives airlines opportunity to present offers directly via their websites
- Internet also not limited to price/frequency – can present full personalized offers direct to consumers
- Traveler can personalize their own bundle – pick/choose based on value to them
- Airlines compete based on passenger products & services





DCA

Airline websites

BREAKFAST CAFÉ - 7 a.m. - 10 a.m.

MARCUS SAMUELSSON

Flights over 2.5 hours

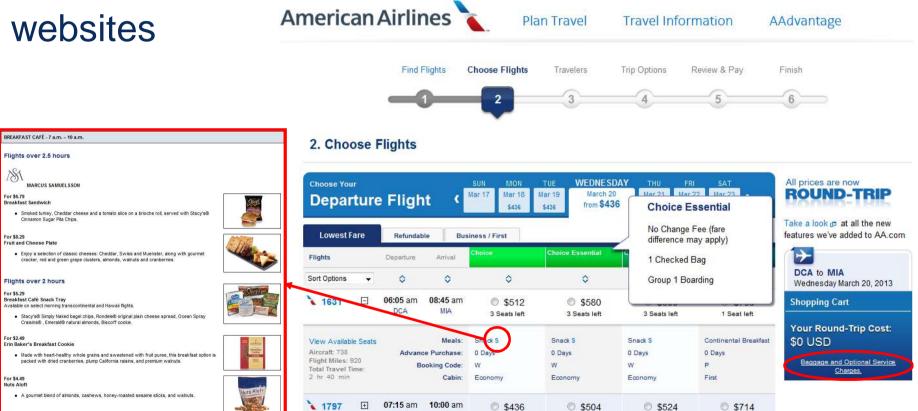
For \$6.79 Breakfast Sandwich

For \$8.29 Fruit and Cheese Plate

Flights over 2 hours

Erin Baker's Breakfast Cookie

For \$4.49 Nuts Aloft



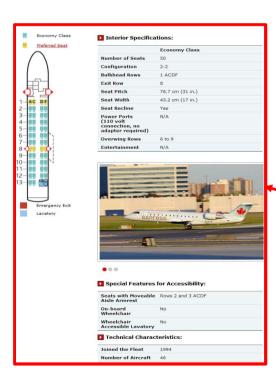
Plan Travel

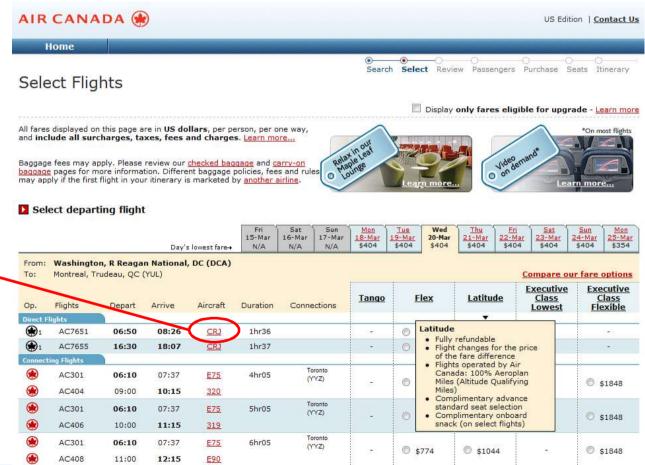
Travel Information

AAdvantage



Airline websites







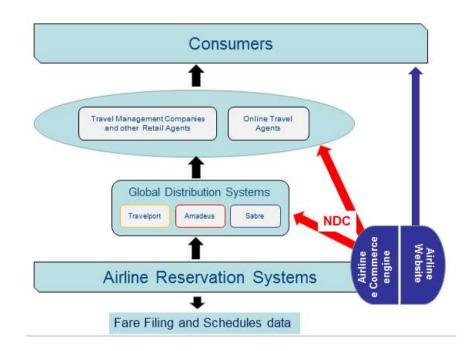
So, what is NDC?

- An IATA-led collaborative industry initiative
- To define a new messaging standard between airlines and travel agents
- That will enable greater transparency and choice for consumer in comparison shopping
- By closing the gap in product availability & personalisation between direct and indirect channels



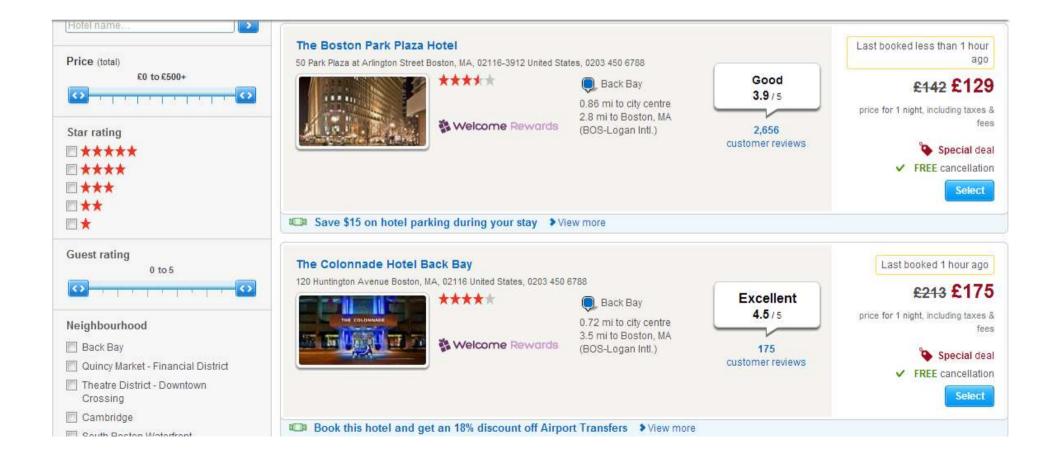
Vision of an NDC-enabled industry

- Airlines, travel agents and third party systems are already connected today but lack interoperability
- NDC provides a standard for those connections
- Having a "standard" translates to lower development costs and higher implementation speed
- The standard also facilitates content aggregation and consequently comparison shopping





Hotel distribution





Value proposition for customers

- More information and choice
- More complete product offers
- More places to shop for travel
- More ability to comparison shop for complete offers
- More ability to get personalized offers based on your preferences if you choose to do so



Value proposition for agents

- Broader access to airline products: one stop access to ancillaries and other airline services will enable agent innovation and potential new revenue streams
- Better service for clients: ability to present broader value added to clients via customized offers - if the customer chooses to be identified
- Increased relevance of travel agent in comparing complex product offers
- Significant reduction in ADMs (Agent Debit Memos)



5 myths about NDC

- NDC will result in less price transparency for consumers
 - NDC will enable greater product, service and price transparency than the current filing system
- → NDC will result in higher prices for consumers
 - Increased competition usually results in lower prices
- → NDC will result in less competition among airlines
 - NDC will increase competition between airlines because they will be able to compete on service offerings as well as price
- NDC will prevent any comparison shopping
 - NDC will enable airlines to distribute all their products, not only the ones that fit into a GDS, and travel agent websites will be able to display and compare all those products
- NDC will violate passengers' privacy rights in building personalized offers
 - Passengers have the option to receive personalized offers
 - Airlines have to meet requirements of privacy regulations



NDC Roadmap

