#### **CONFIDENTIAL & RESTRICTED**

aMaDEUS navitaire	Amadeus	IT Provider Aggregator				
	Company profile					
Founded in	1987					
Head Office	Spain (Madrid)					
Countries with offices	70+					
Main activities	Travel powers progress. Amadeus powers travel. We provide the solutions that keep the world of travel moving, developed in partnership with the industry for over 30 years. Amadeus' solutions connect travellers to the journeys they want through travel agents, search engines, tour operators, airlines, airports, hotels, cars and railways.					
Number of employees	16 000+					
Countries with operations	190+					
Global revenues	4,852.7 million EUR (Full Year 2017)					
Main references in airline industry IATA Strategic Partnerships	N/A					

### Intended positioning on the market

At Amadeus, our purpose is clear: we work with our customers, partners and other industry players to shape the future of travel. We do this by anticipating the needs of both our customers and travellers; by developing inspired solutions that help our customers enhance their businesses and enrich the travel experience for hundreds of millions of people every year. We will continue to facilitate stronger and more profitable commercial relationships among all travel industry players. We will develop new technological solutions and services to deliver increasing value and capabilities, helping travel providers, travel sellers and travel buyers to optimise their operations and services to travellers. We will realise our promise to shape the future of travel and deliver sustainable growth to our shareholders by focusing on the core values that have defined our company since its inception.

AMADEUS NAVITAIRE*	Amadeus		IT Provider	Aggregator	l≗≡
<ul> <li>Product name :</li> <li>Amadeus Altéa NDC</li> <li>Amadeus Travel Platform NDC</li> <li>Navitaire NDC Gateway</li> <li>Addressed Clients :</li> <li>IT Provider solutions : Airline customers, distributing content to aggregators, meta agents, sellers, partner airlines or GDSs.</li> <li>Aggregator solution: sellers (online, metas, retail, TMCs,</li> </ul>	expose their conte • As an aggregator connectivity that n that airline conten	<b>Current NDC offer</b> r, Amadeus supports its Altéa & Navitaire New Skies hosted airlines to ent using either Amadeus Altéa NDC or Navitaire NDC Gateway. r/GDS, Amadeus aggregates content via the airline's preferred neets their needs (EDIFACT, proprietary XML, NDC XML) and we ensure t can be efficiently consumed and processed by Travel Agents (with Merchandising, Rich Content, back office integration,)			
<ul> <li>corporations) and airlines</li> <li>Value proposition</li> <li>As a PSS provider and IT provider, Amadeus enables airlines to distribute their parties using Amadeus Altéa NDC or Navitaire NDC Gateway:</li> <li>Amadeus Altéa NDC is a key enabler of the latest merchandizing techniquid developed a solution natively integrated to the PSS offering the NDC capacitation and the solution of the solution of the latest merchandizing techniquid a customers. These customers can benefit from a complete integrated</li> </ul>	es. Amadeus has ability to their	<ul> <li>Amadeus A distribute t techniques capabilities</li> </ul>	What differentiate Itéa NDC provides any A heir rich offers based on to 3rd parties using Offe a as well as servicing and ire NDC Gateway enables	Itéa carrier with the advanced merchanc er & Order Managem reporting.	capability to dizing nent

- The Navitaire NDC Gateway enables New Skies customers to support optimized pricing in the indirect channel using industry standard XML messages.
- Amadeus Travel Platform -will return all relevant content, from multiple sources including NDC, to any touch point, relying on robust, industry compliant and futureproof technology.

Areas of innovations

aggregators)

Merchandizing capabilities

Connectivity (for sellers or

**Order Management functions** 

**Currently in production with** Amadeus Altéa NDC: Finnair, Avianca, Singapore airlines, Saudia, Corsair. Navitaire NDC Gateway: one airline Amadeus Travel Platform NDC: One seller and one airline by end of 2018

## NDC Roadmap

performance, scalability and evolution gains. Amadeus will ensure a seamless approach to

Allows New Skies customers to extend their ticketless direct channel retailing capabilities

With Amadeus Travel platform, Amadeus will evolve current environment used by thousands

Altéa customers providing them the capability to distribute offers to 3rd parties.

of sellers to integrate in a normalized way NDC content, simplifying sellers adoption and

- Amadeus Altéa NDC roadmap will focus on the following key initiatives: enhanced personalization and merchandizing techniques, Servicing (Order modification using the NDC standard) and Interlining, as well as Reporting capabilities.
- Navitaire NDC Gateway roadmap includes upgrading to version 18.1 verbs and implementing enhanced Servicing (Order modification using the NDC standard).
- NDC content integration in Amadeus Travel Platform will be rolled out 1st quarter 2019 with booking, servicing and notification functionalities. Multiple releases are then planned through the year to enrich functionalities and add new content

# **NDC perception**

### Modules bringing most value

- Personalization
- Dynamic Pricing
- Rich media

### (!)) Main pain points heard from industry

- No clear view on how to transition
- Standardization of flows (servicing flows notably)
- Ability to scale
- Address more sellers use cases beyond prime booking flow

to NDC enabled sellers and aggregators.

allowing airlines to access Amadeus' distribution network.