accelya aws

Workshop:

Making Modern Retail Work: Building a Business Case & Delivering Real World Results

September 22, 2025





Speakers



Jim Davidson Vice Chairman, Accelya



Tye Radcliffe
Chief Customer
Success Officer
Accelya



Gianni Cataldo Chief Product Officer Accelya



Massimo Morin Global Head, Travel AWS



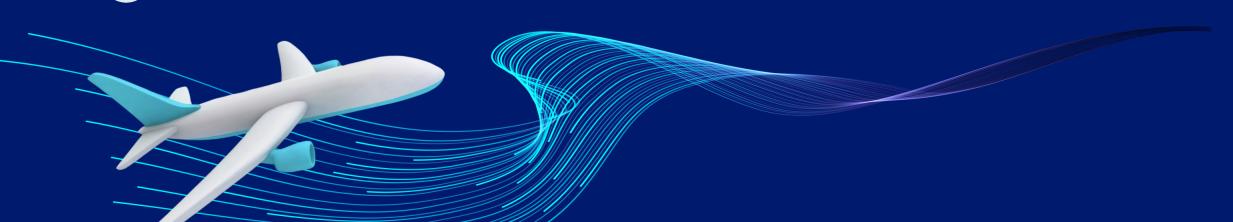
Agenda



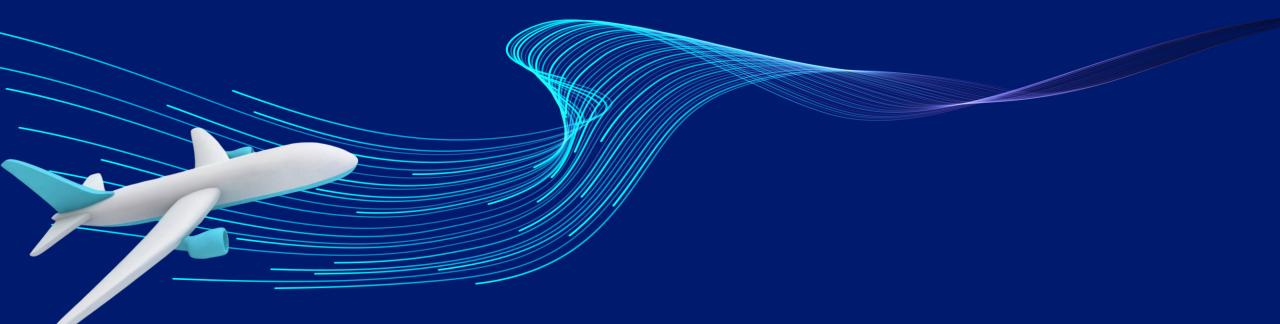
Scaling NDC, the foundation for modern retailing
Tye Radcliffe, Chief Customer Success Officer, Accelya

Modern retailing work: Building a business case & delivering real results Gianni Cataldo, CPO, Accelya

Travel companies want to be the Amazon of Travel Massimo Morin, Global Head of Travel, AWS



Tye Radcliffe Scaling NDC, the foundation for modern airline retailing





slido



When you hear the term "Modern Retailing," what comes first to mind?







By when do you expect your airline to manage the majority of retailing and settlement through Offers & Orders?







What outcomes matter most to you from Offers & Orders? (Choose all that apply)









At T2RL Engage this year, what are you most interested in learning more about?







Which best reflects your airline's ambition for Modern Retailing? (Choose all that apply)





NDC Isn't a theory anymore

It's working at scale



>50%

Global NDC transactions





33.5bn
Offers per day

COMMITTED TO BRINING NDC AT SCALE



+146%

YoY Growth in 2025 Corporate NDC bookings



24.1 ONE Order foundation





Scaling NDC Adoption Through Collaboration

NDC FastTrack is a cross-industry program designed by Accelya to help scale practical NDC adoption through coordination, collaboration, and transparency.

What NDC FastTrack delivers:

- ✓ Technical guidance and implementation tools
- ✓ Corporate buyer voice through BIG
- Real use cases & case studies proving tangible value
- ✓ Joint enablement to get the industry NDC-ready





Pain points blocking the progress

Partnering with industry experts to understand key challenges, and with specialists like Temoji to focus on corporate travel buyers' needs and accelerate NDC adoption.

Full Service

Value

TMC Readiness

Transparency

Slow

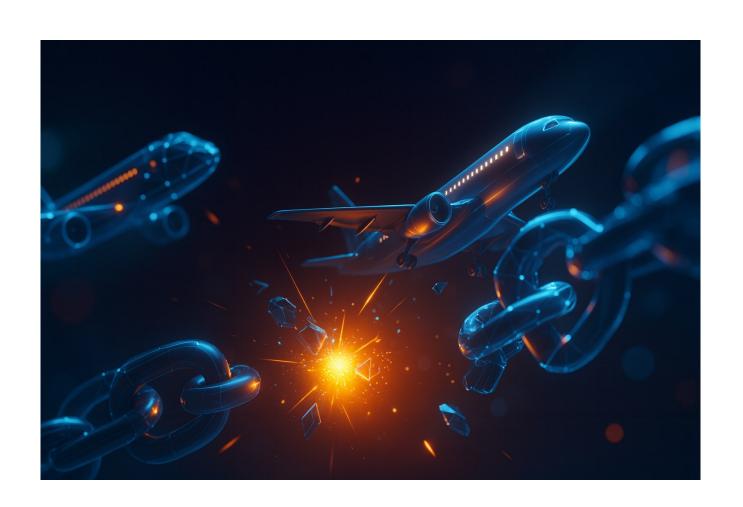
Payment

Content / Bundles





Modernization is not just about technology choices, it all starts with contractual freedom



A recent article from Kemp IT Law highlights a growing risk:

restrictive legacy contracts are quietly shaping the limits of transformations



Becoming the hero

How can you get modern retailing to the next level

Commercial Strategy



A commercial strategy enabled by technology?

A technology change



A technology change that enables commercial benefits?

Offers & Orders



The strategic imperative of orders can be obscure

- 1. Order management can enable a competitive advantage in servicing
- 2. Order management can close competitive pricing gaps
- 3. Order management can help airlines break free from legacy commercial constraints

Give your C-Suite a roadmap for unlocking benefits

(Benefit as a % of Revenue)

		Step	Description	Revenue	Cost
Medium Term Short Term	1	Offer Transformation for Direct Channels	Generate increased revenue through new ancillary offers, bundles, and improved non-air component attachments, along with optimized yield management, by upgrading offer systems behind direct channels.	1.1	0.0
	2	Indirect Channel Transformation Using NDC	Drive increased revenue and reduced distribution costs by securing NDC integration commitments (using content differentiation) across all indirect channels and funneling premium content to them.	0.6	1.0
	3a	Transitioning to Orders for Selling	Increase revenue from more complex products and higher customer satisfaction, and reduce call center costs, via dynamic bundles and more automated servicing.	0.4	0.2
Long Term	3b	Transitioning to Orders for Accounting & Delivery	Improve revenue from true continuous pricing, enhance brand affinity and reduce call center costs by further automating servicing, all by transitioning delivery and accounting to orders instead of legacy docs.	0.6	0.3
	3c	Orders for Interline Itineraries	Raise revenue from enhanced interline offer quality and reduce interline settlement costs by transitioning bilateral airline partnerships to synchronized order management systems with streamlined settlement.	0.3	0.0
	* After a	3.0	1.0*		

The traveller

Modern retailing is about reimagining the traveller experience

Frictionless Journeys



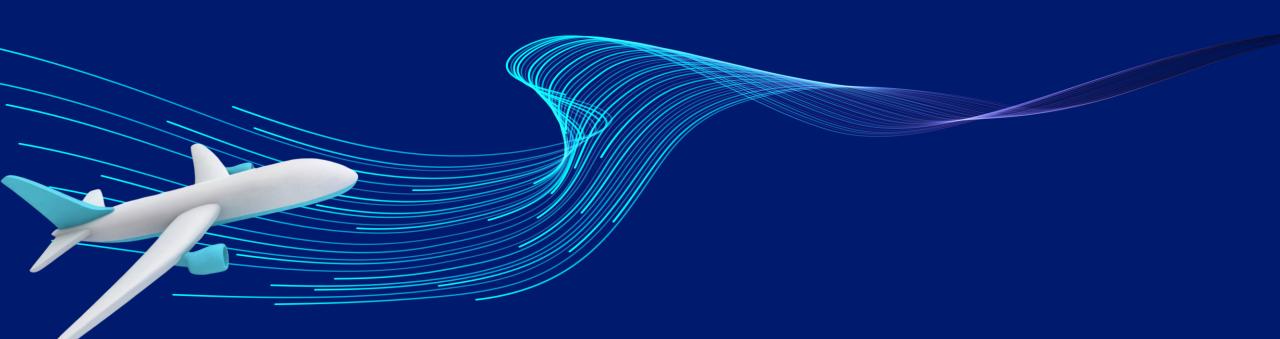
Remove barriers and simplify every touchpoint, from search to service recovery.

Meaningful Experiences

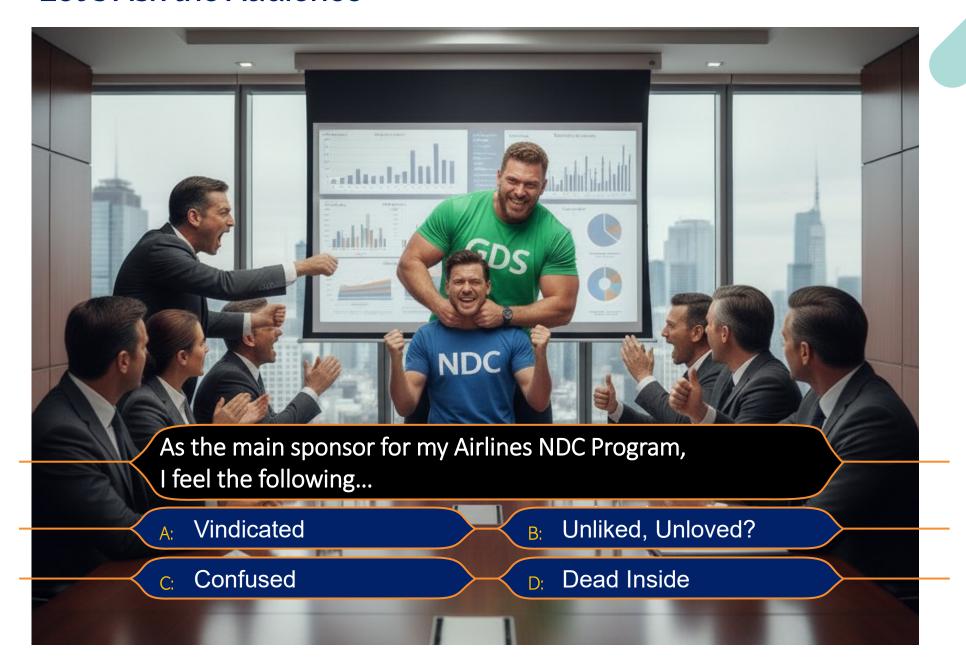


offers and timely solutions that make travel smoother and more memorable.

Gianni Cataldo Making Modern Retail Work: Building a Business Case



Let's Ask the Audience







As the main sponsor for my Airlines NDC Program, I feel the following...



Next Question - Are you part of your Airlines OOSD Journey?





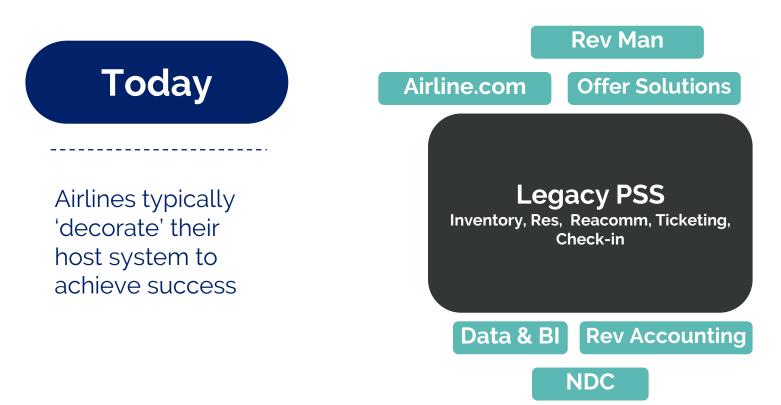


Is your investment in NDC driving your Airlines OOSD readiness?
(Modern Offers and Orders Journey)



What is OOSD, What is the Journey

The effort required to utilize modern concepts and effect change has been gargantuan: you know this better than anyone





Macro challenges are exacerbated in the airline industry

This industry is more at risk than most to shocks and is unable to bring about change fast



Economic

Operational

Customer

Uncertainty







NETFLIX Uber







Airlines need ROI in 2025 not 2035

Retailing transformation is no longer a concept - it is taking flight

Airlines need tangible ROI today

Driving revenue, reducing costs, and funding future transformation. The need for near-term returns has never been greater.

Retailing Transformation is accelerating

Airlines are reimagining how they sell, serve, and settle — moving beyond legacy limitations and starting to drive measurable revenue gains.

OOSD is seen as cost long term ROI

Moving from legacy is fraught with risk. With no immediate ROI why prioritize, Yes, our systems are legacy but if it ain't broke...

What if I told you...

That you are already part of the solution...

(Benefit as a % of Revenue)

		Step	Description	Revenue	Cost
Medium Term Short Term	1	Offer Transformation for Direct Channels	Generate increased revenue through new ancillary offers, bundles, and improved non-air component attachments, along with optimized yield management, by upgrading offer systems behind direct channels.	1.1	0.0
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	3c	Orders for Interline Itineraries	Raise revenue from enhanced interline offer quality and reduce interline settlement costs by transitioning bilateral airline partnerships to synchronized order management systems with streamlined settlement.	0.3	0.0
* After accounting for an (0.5) increase in technology costs					1.0*





We are Halfway there BUT...

There are many reasons to do nothing...





The industry consensus on OOSD is tomorrow never comes

Our role is to reframe
OOSD as necessary
(coffee/margin) and
achievable



We are Halfway there BUT...

There are many reasons to do nothing...





Think about NDC...

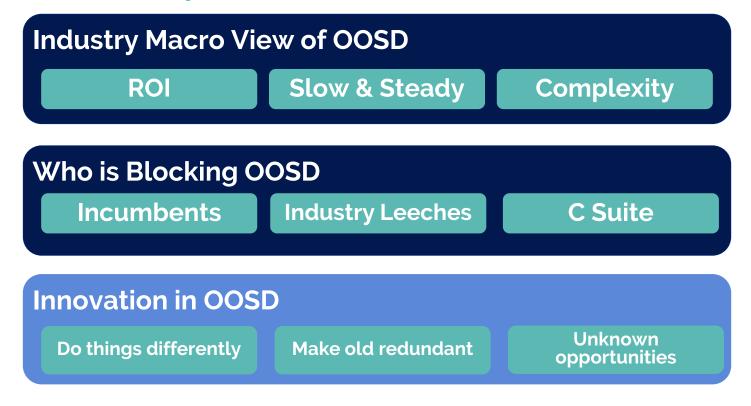
Experts are vested in long sales cycles and RFPs that distract from the imperative

The C Suite smells cost and risk

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So What can we do...

We are Halfway there.





What **lessons** can we take from **innovation**?

Think of your most **complex** use case

Now **approach** that with **Modern Technology**



So, What can we do?

We are halfway there



ROI

Slow & Steady

Complexity

Who is Blocking OOSD

Incumbents

Industry Leeches

C Suite

Innovation in OOSD

Do things differently

Make old redundant

Unknown opportunities

Make your Sponsors Stars... Be a Hero!

Start Now

Learn by doing

Proof Points



Learn – **disruptive** technologies must be **embraced** and its potential unlocked, betas use cases

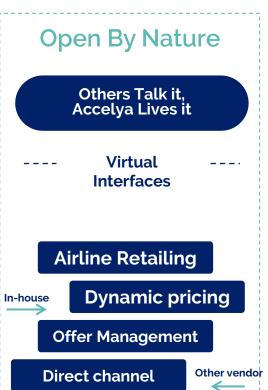
ROI is how we win

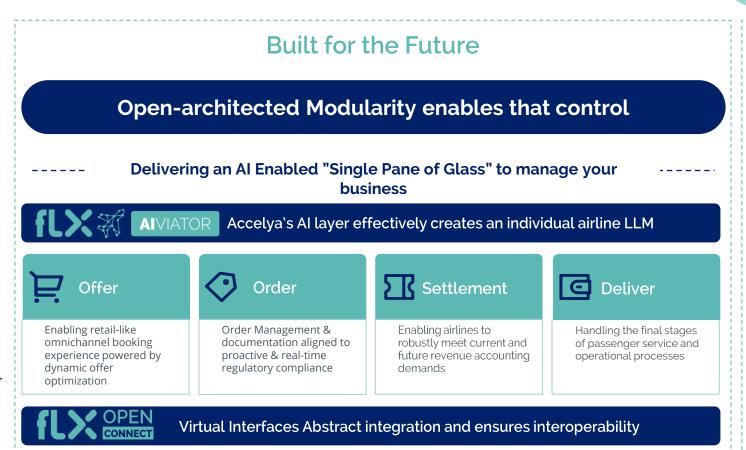




A new open, API-driven platform for Offers, Orders, Operate & Fulfil and Settle capabilities through a comprehensive, modular solution











We maintain a Synchronised Modern Offers & Order

Start your journey today



We have a parallel system that has live content which is starting to disrupt legacy







FLX ONE Vision - Make our Sponsors Hero's Within the Airline



- Real time Offer & Order Management, actionable,
- > game changer for the Airline Operations, Service and Revenue Teams
 - 1 Showcase **NDC** investment **Value**

Visualizing the **value** that the Airlines **investment** in **NDC** has driven. Driving new capabilities, full Order versioning, complex realtime search.

Driving 10+ new use cases that deliver ROI NOW!

Practical Application of AI

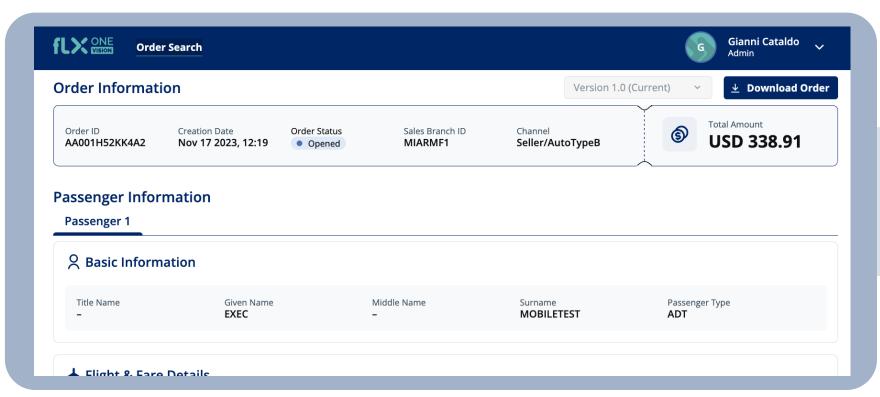
Prove AI, show me **practical application** of AI, make AI happen, All companies face the same AI **challenge**. We have just enabled our sponsors.

AlViator for FLX ONE Vision Delivers

Product Led Innovation

Nobody asked for it, **we invented** it. **Don't apologise** for gaps, it's a **Beta**, no SLA, no CR's. **Enables** our **customers OOSD journey**.

You have the opportunity to Delight your Airline





Open Beta:

OOSD Showcase

Build iteratively; Migrate Users iteratively





We are actively working on a dozen Use Cases for Capabilities that never existed before today ALL DRIVE CHARTERIA TO

ALL DRIVE SHORT TERM ROI

Hydrating Legacy PNRs

Realtime Financial Insights

Realtime Operational Health checks

AI Enabled Offer Analytics

One Platform For Cargo + Passenger

Decoupling ATPCO

Virtual Cabins and Product Catalogue

Stock History

Flight View and Passenger Lists

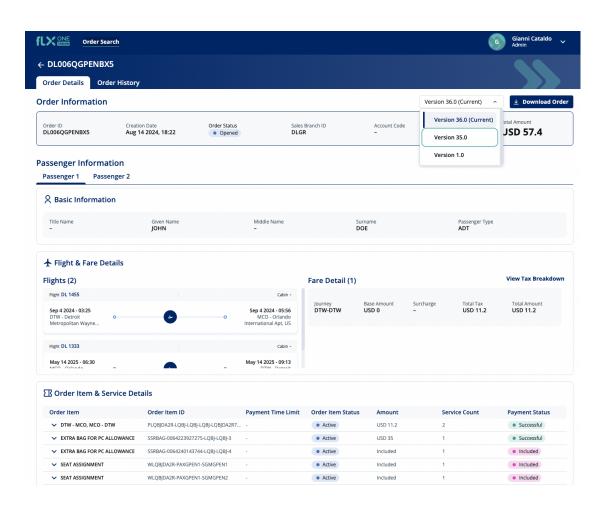
Security



Accelva Group - Commercial in Confidence

Proof of Concept – Bridge to Legacy

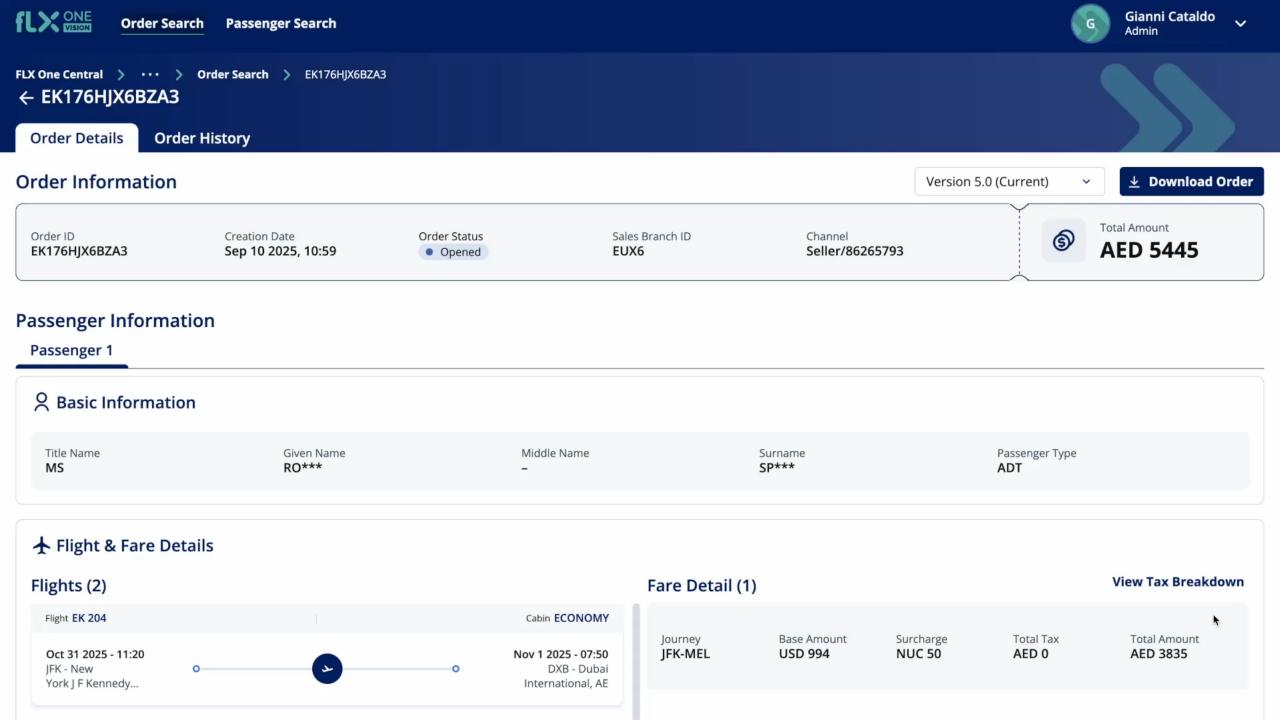
ROI – 30% reduction in service times





- >>> Take legacy PNR Feed and upscale to One Order
 - Move to modern Orders, while maintaining synchronization with legacy
- >> Provide Value Add Capabilities
 - >>> Version History Rich track of all changes
 - Ability to download Order to local tools
 - » Upsell Legacy
- Status
 - >>> Complete, ROI studies started

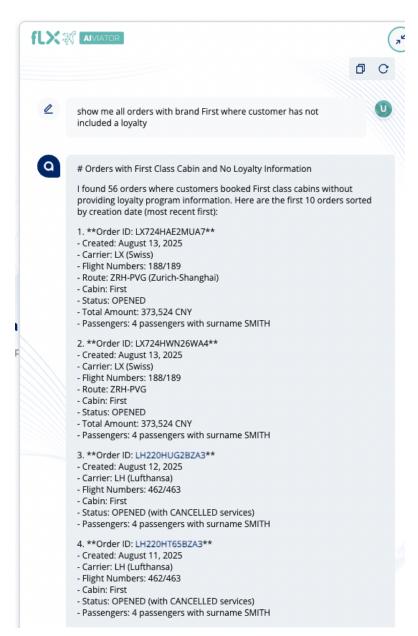




Accelva Group - Commercial in Confidence

POC - AI QA Checks on Orders

Reduce customer check in failures by 10%+++





- Understand gaps via AI, provide checks and potential remediation
- >>> Provide Value Add Capabilities
 - AlViator runs through set QA checks x hours before checkin.
 - AlViator being trained for Airline Help Desk through "post issue" to Al
 - >> Issue Orders are currently tagged and displayed for action
- Status
 - Integration into Airline Ticket Systems





Gianni Cataldo 🗸

FLX One Central > One Vision > Order Search

Order Search

Apply filters to search for orders

All Filters

Saved Filters



Showing 1 - 20 of 915 results



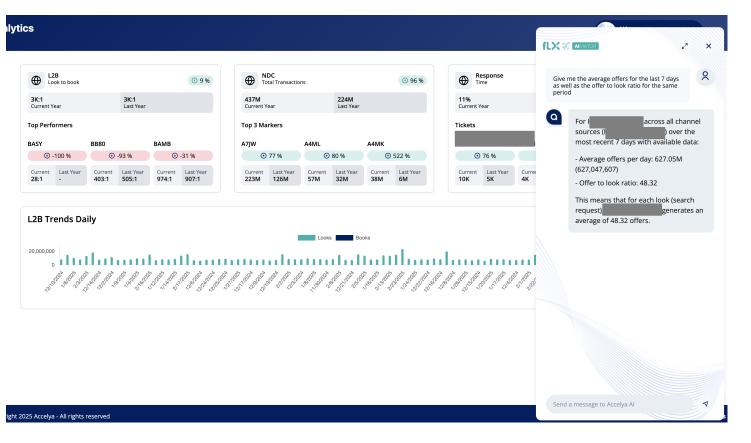
Order ID	Passenger Name	Departure	Arrival	Dep Date 🔺	Dep Time 🔺	Arr Date 🔺	Arr Time 🔺	Creation Date 🔺	Status
QF081HHJMOUA7	MS JA**** SM***	SYD	SIN	Jul 21 2025	13:05	Jul 21 2025	19:30	Jul 1 2025	Opened
QF081HP653WA4	MR JA**** SM***	SYD	MEL	Sep 12 2025	7:45	Sep 12 2025	9:20	Aug 23 2025	Opened
QF081HDJF3WA4	MS JA**** SM***	SYD	PER	Sep 12 2025	8:20	Sep 12 2025	11:20	Aug 19 2025	Opened
QF081HTEB3WA4	MS JA**** SM***	SYD	PER	Sep 13 2025	8:20	Sep 13 2025	11:20	Aug 20 2025	Opened
QF081H2NELUA7	MR JA*** SM***	SYD	MEL	Sep 13 2025	10:30	Sep 13 2025	12:00	Aug 24 2025	Opened
QF081HGLPNUA7	MR TE** SM***	SYD	MEL	Sep 14 2025	9:00	Sep 14 2025	10:35	Jul 14 2025	Opened
QF081HF1Z2WA4	MR JA*** SM***	SYD	AKL	Sep 15 2025	7:20	Sep 15 2025	12:25	Aug 26 2025	Opened
QF081H9FZ3WA4	MR SE* HO**	SYD	MEL	Sep 17 2025	6:45	Sep 17 2025	8:15	Sep 11 2025	Opened
QF081H95W3WA4	MS JA**** SM***	SYD	AKL	Sep 17 2025	7:20	Sep 17 2025	12:25	Aug 13 2025	Opened
QF081HZWQ2WA4	MR JA*** SM***	SYD	AKL	Sep 17 2025	7:20	Sep 17 2025	12:25	Aug 28 2025	Opened
QF081VLPA1WA4	MR IN***** BL*	SYD	MEL	Sep 17 2025	12:00	Sep 17 2025	13:35	Sep 17 2025	Opened
QF081RGQA1WA4	MR IN***** BL***	SYD	PER	Sep 17 2025	12:35	Sep 17 2025	15:35	Sep 17 2025	Opened

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POC – Insights for Offers

ROI – TBD - Real time tweaks to offer strategy

ROI - TBD - Reduction in costs for service



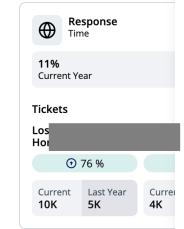


- AlViator to develop insights for Offers
 - Bridge Lack of visibility of what offers convert, what personas exist.
- >> Provide Value Add Capabilities
 - Link Offers to Orders, including change events
 - Persona based Offer Search (Family etc)
 - Analytics on dead markets, concentrations of searches.
- Status
 - Model in place, training









Give me the average offers for the last 7 days as well as the offer to look ratio for the same period



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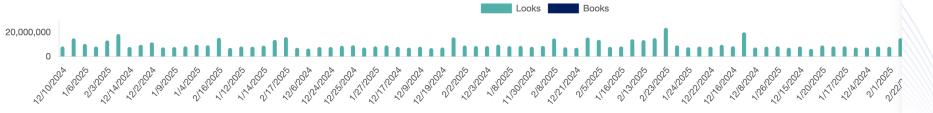
AIVIATOR

For H across all channel sources (I A) over the most recent 7 days with available data:

- Average offers per day: 627.05M (627,047,607)
- Offer to look ratio: 48.32

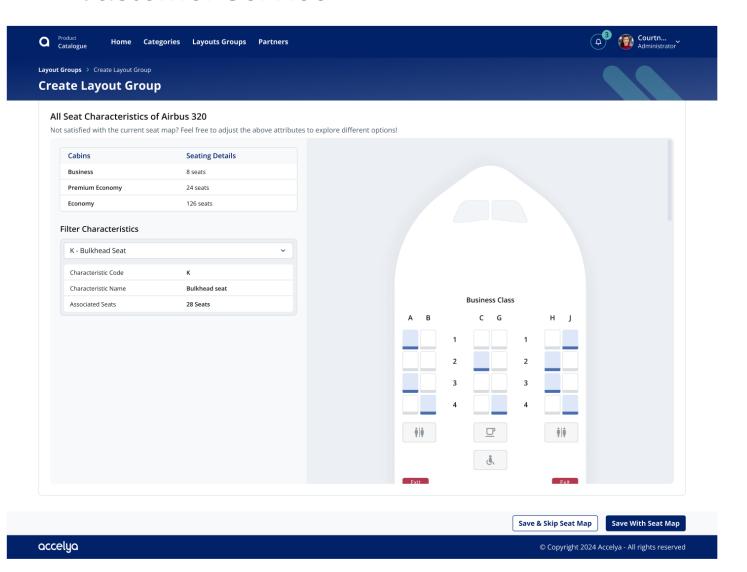
This means that for each look (search request) s generates an average of 48.32 offers.

L2B Trends Daily



3 Accelva Group - Commercial in Confidence

POC -Product Catalogue and Stock Keeper - Customer Service





- With our integration into DCS we have replaced the legacy EDIFACT message with a OOSD.
- Senerate Seat Map
 - >> Equipment Config
 - » Commercial Config
 - >> Tail Specific Config
- » Overlay Products
 - >> Product Catalogue
- Show Cabin Counts and Assigned Seats
 - Waitlist, Standby
- >> Versioned
 - >> Roll up Flight Specific view every day



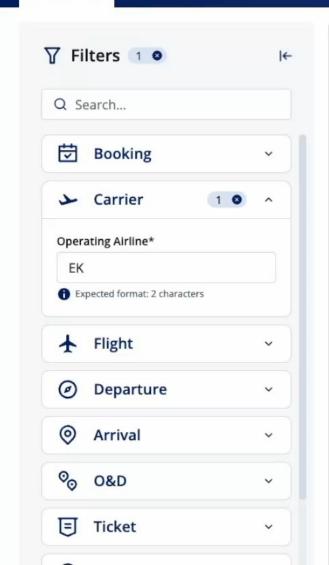
FLX One Central > One Vision > Order Search

Order Search

Apply filters to search for orders

All Filters

Saved Filters



Showing 11 resu	ults						$\underline{\hspace{0.1cm}}^{\hspace{0.1cm} ullet}$ Download	csv
Order ID	Passenger Name	Departure	Arrival	Dep Date 🔺	Dep Time ▲	Arr Date 🔺	Arr Time 🔺	Creatio
EK176HB262YA6	MR JA**** SM***	DXB	DUB	Sep 20 2025	7:20	Sep 20 2025	12:15	Sep 10 2
EK176HLLS7ZA3	MR JE***** TE****	DXB	DUB	Sep 30 2025	7:20	Sep 30 2025	12:15	Sep 17 2
EK176HGX7BZA3	MS LA***** FI*****	DXB	DUB	Sep 30 2025	15:15	Sep 30 2025	20:10	Sep 10 2
EK176HO772YA6	MR IN*** LO****	DUB	DXB	Sep 30 2025	22:05	Oct 1 2025	8:30	Sep 10 2
EK176HM7M1YA6	MR JE***** TE****	DXB	FRA	Oct 12 2025	8:25	Oct 12 2025	13:15	Sep 18 2
EK176HRHJAZA3	RO** MA****	DXB	FRA	Oct 12 2025	8:25	Oct 12 2025	13:15	Sep 18 2
EK176HSD72YA6	MR YO*** GA**	DXB	FRA	Oct 12 2025	8:25	Oct 12 2025	13:15	Sep 10 2
EK176HSU7BZA3	MR JO** SM***	DXB	LHR	Oct 12 2025	22:54	Oct 12 2025	0:54	Sep 10 2
EK176HZ972YA6	MS TA** SM***	DXB	LHR	Oct 12 2025	22:54	Oct 12 2025	0:54	Sep 10 2
EK176H4AGYYA6	KA* BE*	DXB	DUB	Oct 20 2025	7:20	Oct 20 2025	12:15	Sep 16 2
EK176HJX6BZA3	MS RO*** SP***	JFK	DXB	Oct 31 2025	11:20	Nov 1 2025	7:50	Sep 10 2

hh:mm

To date

Destination date







Control tower

Monitor flights with real-time alerts for delays and issues.

Θ

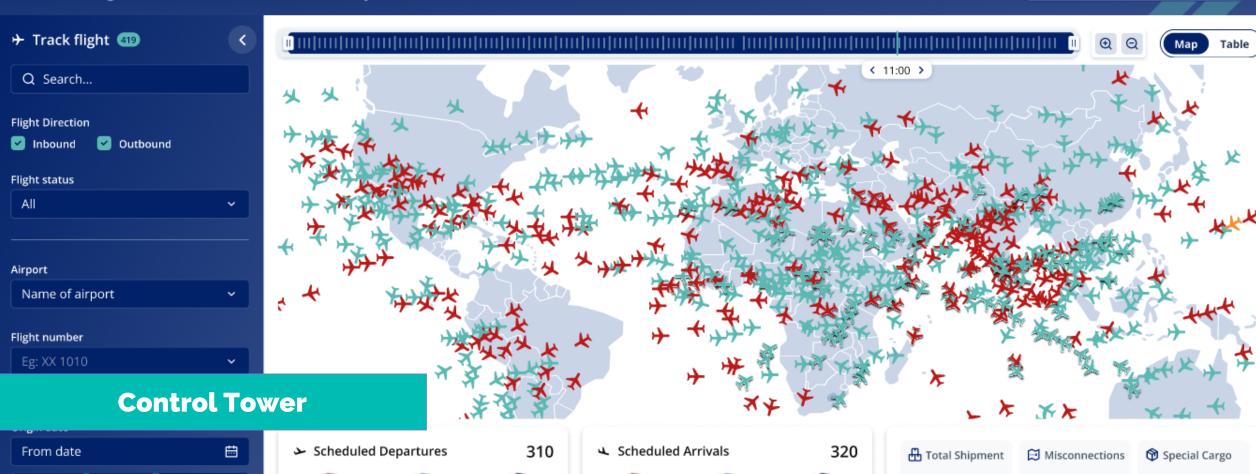
105

On Time

Upcoming

Delayed





Delayed

95

On Time

120

Upcoming

We are actively engaging airline partners to expedite value

Specific use case proof of concepts + the Vision beta trial

Let's get started

Growing Direct (NDC) adoption



Beta program

Nonhomogeneous One Order

Stock Keeper For new brands

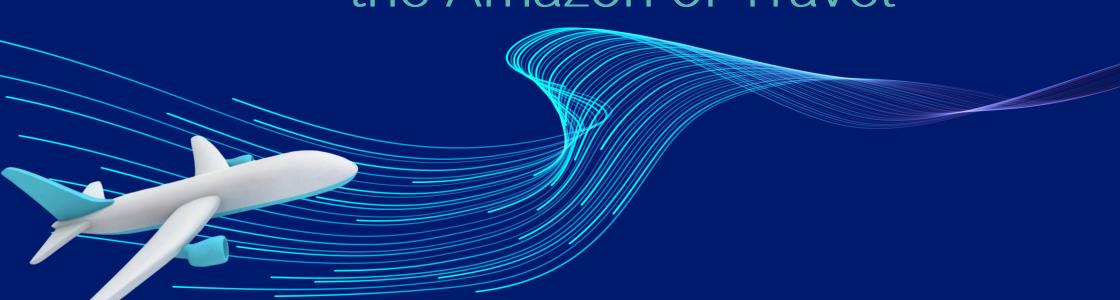
Seatmap Lead Shopping Challenge what's possible

Let's explore how we can move forwards



Massimo Morin

Global Head, Travel @ AWS
Travel companies want to be
the Amazon of Travel





What is a Retailer?

We innovate by starting with the customer and working backwards. That becomes the touchstone for how we invent.

Jeff Bezos, Amazon Founder



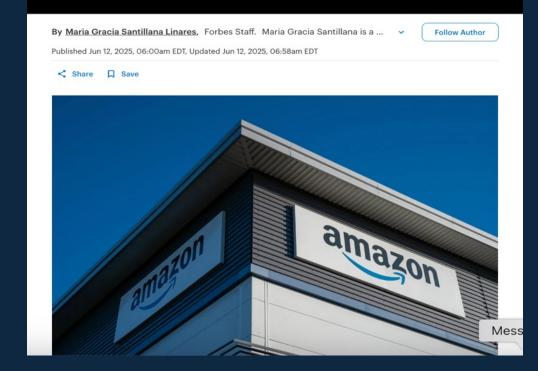
What is Retailing

- The essence of retailing is the ability to serve the customer throughout the cycle of selecting a product, purchasing, and experiencing the product.
- Create and show the offer of the right product at the right time via the right channel, to the right customer... but also...
- Serve the customer after purchase ensuring product is delivered at a satisfactory level.
- Amazon Secret: focus on what never change Selection,
 Convenience, and Price

The World's Largest Retailers 2025: Amazon Tops List Of Global Retailers Ahead Of Tariff Impact

EDITORS' PICK

A shifting U.S. tariff policy has retail companies downgrading revenue projections for the upcoming fiscal year. But a strong year of discretionary spending cushioned results from the largest players.





Why is Retailing so Elusive in Travel

Supplier Culture (operations focus)

Supplier evolving slowly (Legacy Systems)

Core product differentiation

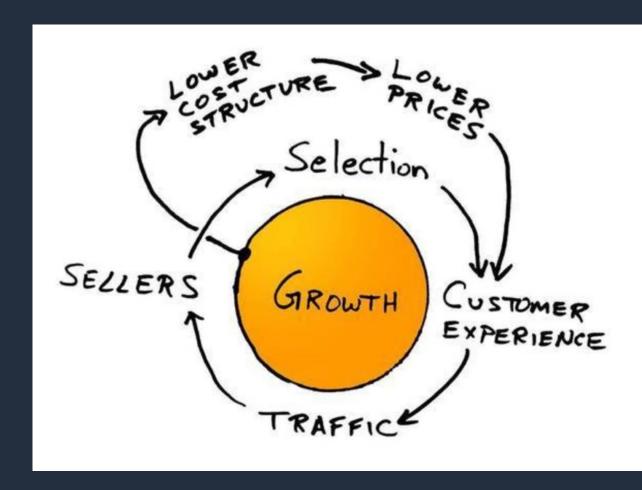
Customer expectations keep changing



Retailing – a different angle from Amazon

Amazon Way - focus of what never changes: Selection, Convenience, Price

- Experience: Right product via the right channel at the right time
- Selection above and beyond the basic
- Convenience: One stop shop for what I need
- Price: while low price is important, the right price, right bundle, and balance of selection and convenience is equally important and can sway the customer (Amazon Recommended offers)





START WITH THE CUSTOMER, and work backwards



"...customers are always beautifully, wonderfully dissatisfied ... Even when they don't yet know it, customers want something better, and your desire to delight customers will drive you to invent on their behalf." – Jeff Bezos

Do you know your customer?



Data Domain 1: Customer Profile

Building unified customer profile so to offer real-time contextual engagements



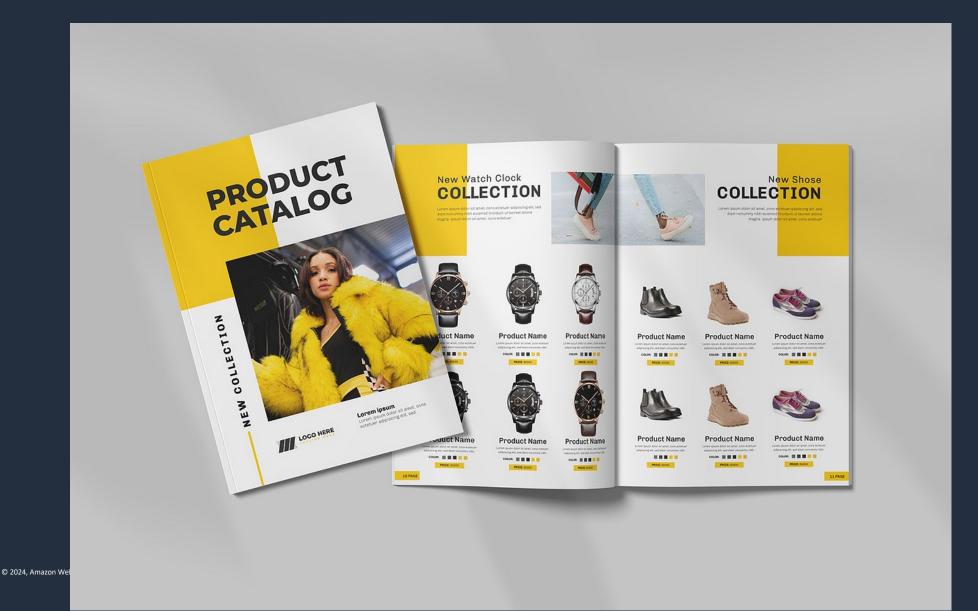


Do you know your products?



Data Domain 2: Product Catalogue

Understand and explain what you are selling, what is its value, and what is the offer



Do you know what is sold?



Data Domain 3: Order Store

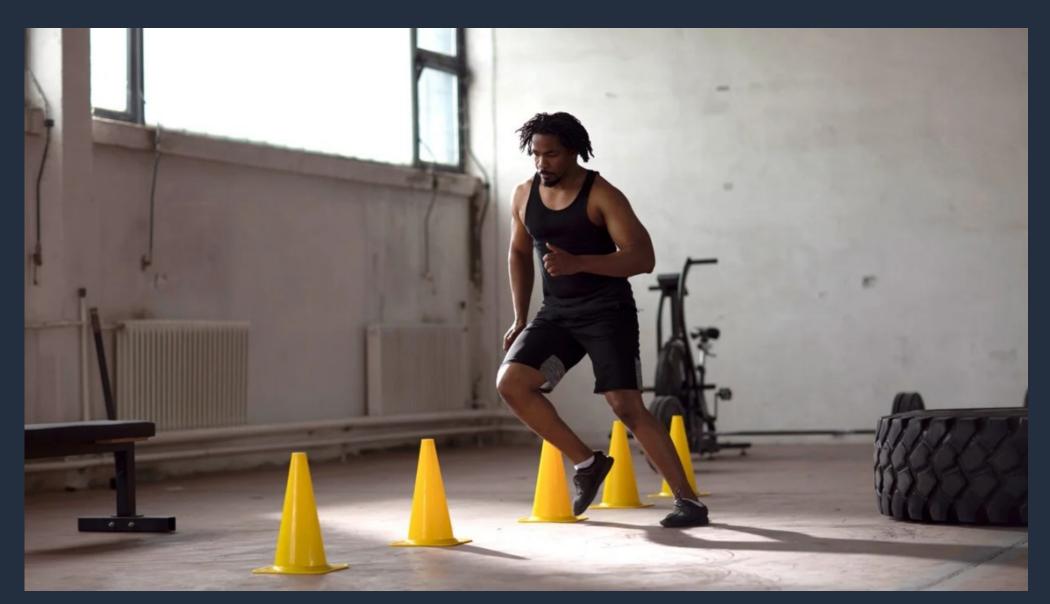
An accurate record of what got sold, at what price, to which customer, and when





Why? Agility!

You want to control these 3 data domains so you can quickly react to market changes





How to rethink your MAR strategy

Business Transactions

Business Intelligence





Paradigm shift from a Transactional to Decisioning Platform

Transactional Platform

- Transaction efficiency at the core sell, serve, deliver, settle
- 2. Manage the customer
- 3. Manage the offer
- 4. Manage the order
- Manage delivery & settling
- 6. Scaling based on market demand
- 7. High throughput/low latency
- 8. Cover the sales, customer care, product delivery
- 9. Integrate with customer / airline operations
- 10. Transact large amount of data at global level

Decisioning Platform

- Data/Data access at the core customer, product, order
- 2. Use open standards / APIs
- 3. Democratize access to data
- 4. Activate data driven insights
- 5. Enable interoperability
- 6. Easy deploy Analytics and ML/AI
- 7. Ability to differentiate the transaction and act in real time
- 8. Predict customer needs
- 9. Drive customer/operational efficiency
- 10. Expand in areas unseen now

How can AWS help

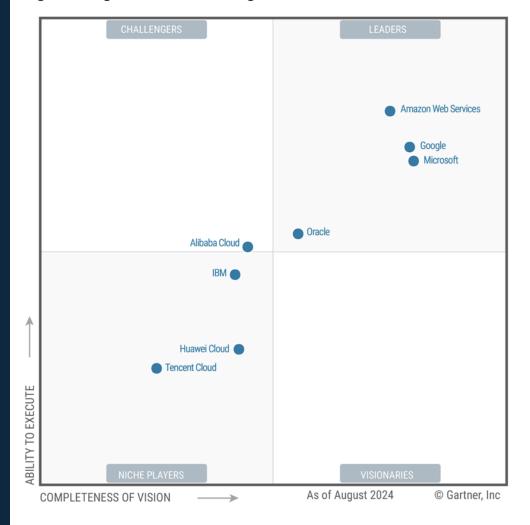
Transactional Platform

- 1. Largest and most adopted cloud provider
- 2. Secure
- 3. Scalable
- 4. Reliable
- 5. Extensive functionality w/ 200+ full services running on 37 global regions
- 6. Cost-effective w/ 161 price reduction to date*
- 7. Trusted by millions of active monthly customers
- 8. 140K+ active partners from 200+ countries helping you grow

Decisioning Platform

- 1. A comprehensive set of capabilities for every analytics workload, optimized for price performance and scale
- 2. Custom built database as managed services
- Comprehensive set of ML/AI tools off the shelves
- 3. Deepest and broadest set of analytic tools
- 4. Extensive platform for ML/AI (SageMaker)
- 5. Generative AI platform with cutting edge LLM models (Bedrock)

Figure 1: Magic Quadrant for Strategic Cloud Platform Services



Gartner

AWS Named as a Leader for the 14th Consecutive Year in 2024 Gartner Magic Quadrant for Strategic Cloud Platform Services

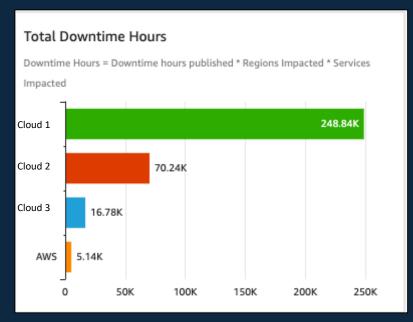
With the largest breadth and depth of capabilities, the fastest pace of innovation, and the largest community of customers and partners, AWS has been named a Leader in the 2024 Gartner MQ

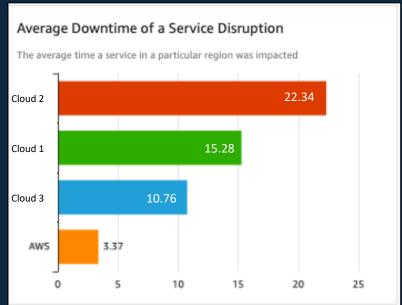
https://aws.amazon.com/blogs/aws/read-the-2023-gartner-magic-guadrant-for-strategic-cloud-platform-services

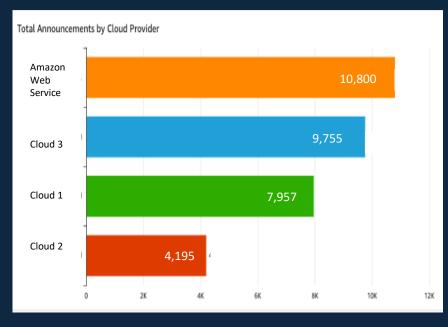
*Gartner, Magic Quadrant for Cloud Infrastructure & Platform Services, RajBala, Bob Gill, Dennis Smith, David Wright, Kevin Ji, 1 September 2020. Gartner does not yven dor, productor service depicted in its research publications, and does not advise technology users to select only those vendors with the highest ratings. Gartner research publications consists of the opinions of Gartner's research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose. The Gartner logois at rademark and service mark of Gartner, Inc., and/or its affiliates, and is used herein with permission. All rights reserved.

Speed of Innovation and Cutting-Edge Reliability

95% of services and features created by customer requests







AWS supports 143 security standards and compliance certifications, including PCI-DSS, HIPAA/HITECH, FedRAMP, GDPR, FIPS 140-2, and NIST 800-171, helping satisfy compliance requirements for every regulatory agency around the globe.

AWS is the most reliable and innovating faster than anyone else: since 2011 we have released over 21,000 significant services and features, including over 3,000 services in 2024 alone.



Kinective Media by United Airlines

Your audience is always on the move – your message should be too. Get in front of United customers no matter where they are in their journey: at home, at the airport, during their flight, at their destination and everywhere else.

Engage 108 million unique flyer anywhere with Kinective MediaSM by United Airlines.





Engage your customer where they are



Leverage Amazon Connect Customer Profiles (C360) and AWS Clean Room to create dynamic audiences for marketing and 3rd party ancillaries sales of a captive audience.

<u>Kinective Media by United Airlines revolutionizes customer</u> <u>experience & data collaboration using AWS</u>

AWS: Trusted by many

21 of top 30 airlines in the worlds run mission critical workloads on AWS



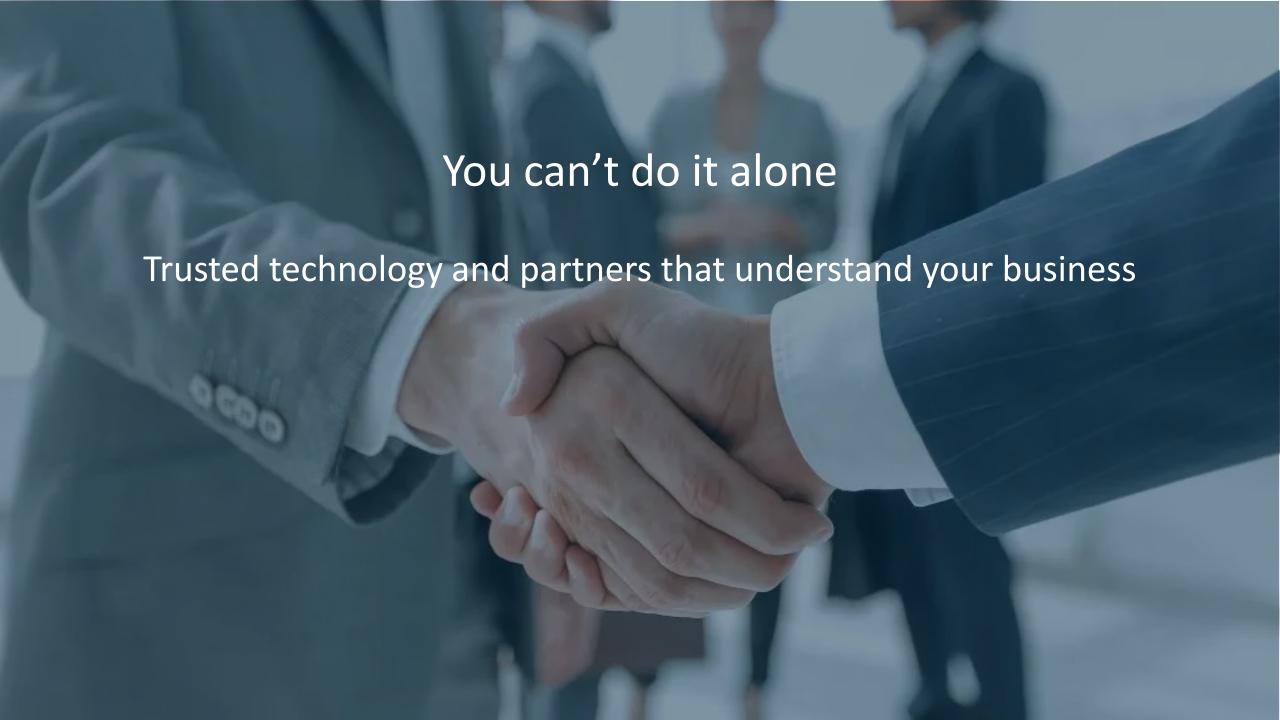
05 June 2025

Iberia Airlines Transforms Air Travel Through Cloud and AI Innovation with AWS



 Spain's leading airline migrates mission-critical applications to AWS and adopts generative AI to enhance passenger satisfaction, speed innovation, and optimize its global operations





Accelya / AWS Partnership

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systems; it demands advanced te	chnology that combines sca	lability, agility,		Down	load o	our e	eBook	c!	
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Accelya, in collaboration with Amazon Web Services (AWS), provides that scalability. Accelya brings reliable, resilient, secure, and proven retailing solutions for the airline industry and adding AWS scalability and elasticity, and Amazon's retail expertise, is a huge differentiator and value-add.

AWS's cloud infrastructure allows Accelya to enable billions of daily offers for airlines, ensuring that every passenger receives a personalized experience without any compromise in performance.

As the global leader in New Distribution Capability (NDC), Accelya powers 57% of all NDC transactions, delivering 31 billion daily offers. This is double the volumes we handled a year ago.

In our latest ebook, "Delivering Modern Retailing at scale through Accelya & the Amazon Web Services Cloud," we take you on a journey through innovative solutions, groundbreaking collaborations, and airline strategies that are reshaping the industry.

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