



Data Breach and Response in Aviation – Passenger & Critical Data

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SITA

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WALA 2023
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Agenda

1. Intro:

- **About SITA** – Truly Global; Supporting Aviation's IT & Telecommunications
- **The Context for Aviation:** Privacy, Security, Digitization & Passengers

2. Example of Successful Digital Travel – “Happy One Pass”

3. Data Breach Response – A suggested “Executive Playbook” for first 48-72 Hours

Questions & Close



Part 1: About SITA -&- The Digital Context



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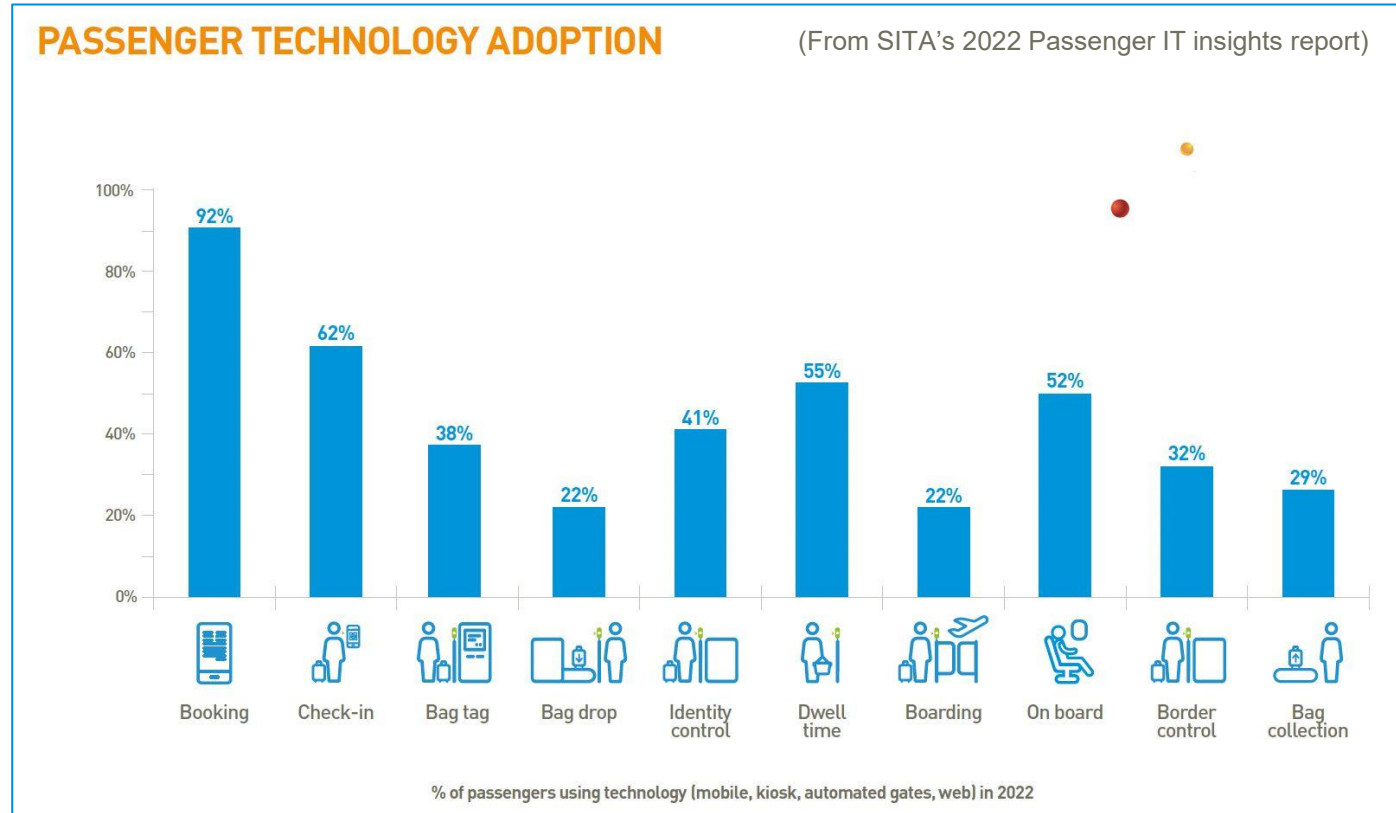
Intro: About SITA



- A truly global organization
- We represent 134 nationalities & speak 60+ languages
- Five business units:
 - Airports
 - Communications & Data Exchange
 - Borders
 - SITA for Aircraft
 - Champ Cargosystems
- A diverse portfolio covering passenger processing, airport operations, telecommunications, border management services, flight operations & cargo IT

The Context: Privacy, Security, Digitization

- Passengers enjoy using technology for travel and are using it more and more
- 100+ countries have brought in personal data privacy laws
- More countries are imposing mandatory IT security requirements on critical infrastructure operators and cloud IT operators



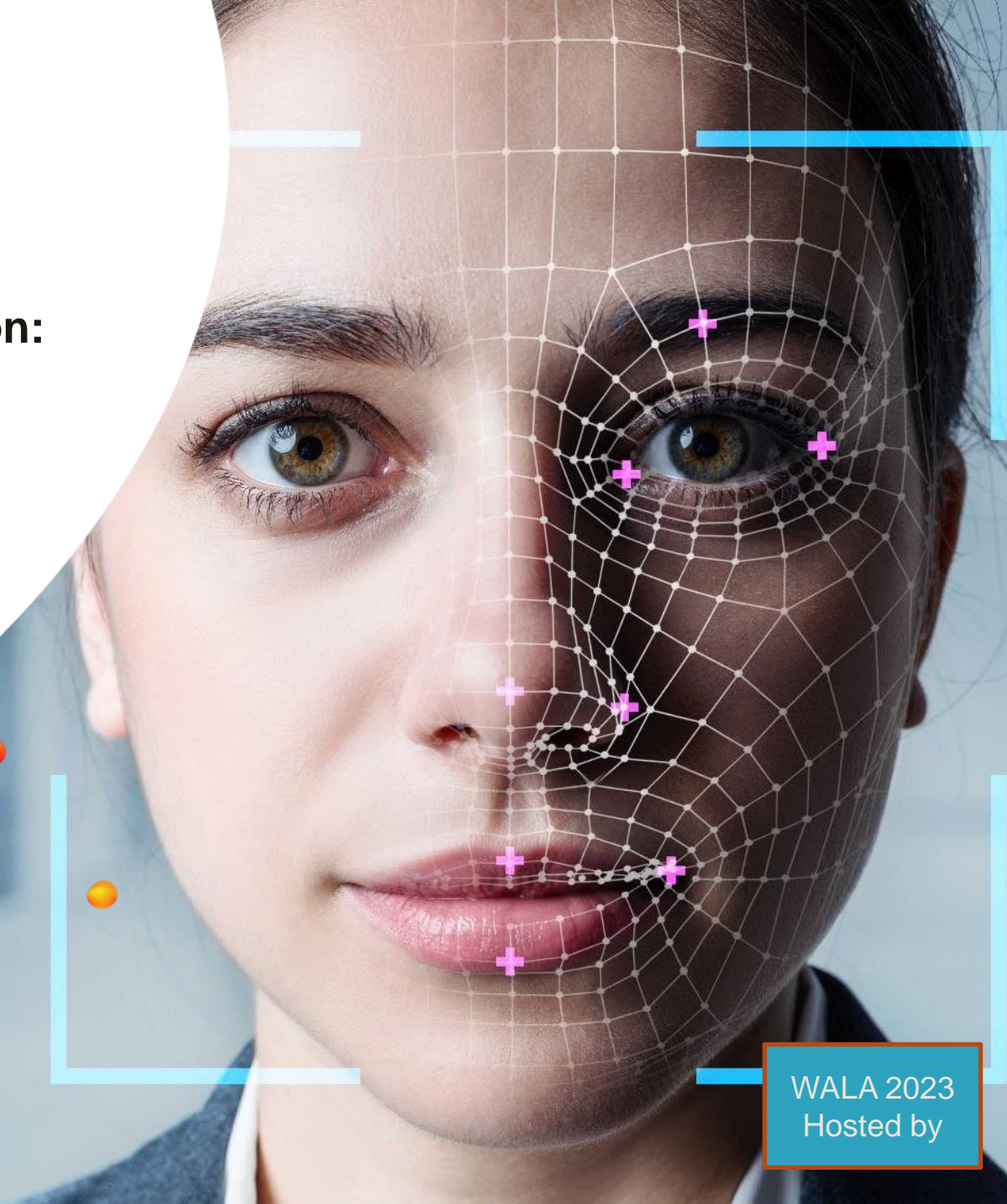
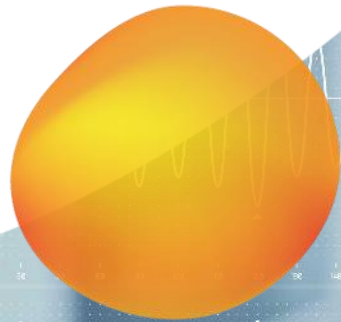
For airports it is necessary to: (a) enable passenger digitization for enhanced travel experience; and (b) understand the data in your IT ecosystem, and identify and manage risk accordingly

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Part 2:

An example of digital technology in action:

Digital Travel Happy One Pass



- /Administration
- /Human Resources
- /Legal
- /Accounting
- /Finance
- /Marketing
- /Publicity
- /Promotion
- /Research
- /Business
- /Development
- /Engineering
- /Manufacturing
- /Planning

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Welcome To The Future With Digital Travel

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The Future with Digital Travel



**Pre-Clearance / DTC
Biometric Verification**



**Multi-Modal
Processing**



**Low-Risk Traveler
Segmentation**



**Operations
Integration**



Dynamic Staffing Culture



**Standards and
Interoperability**

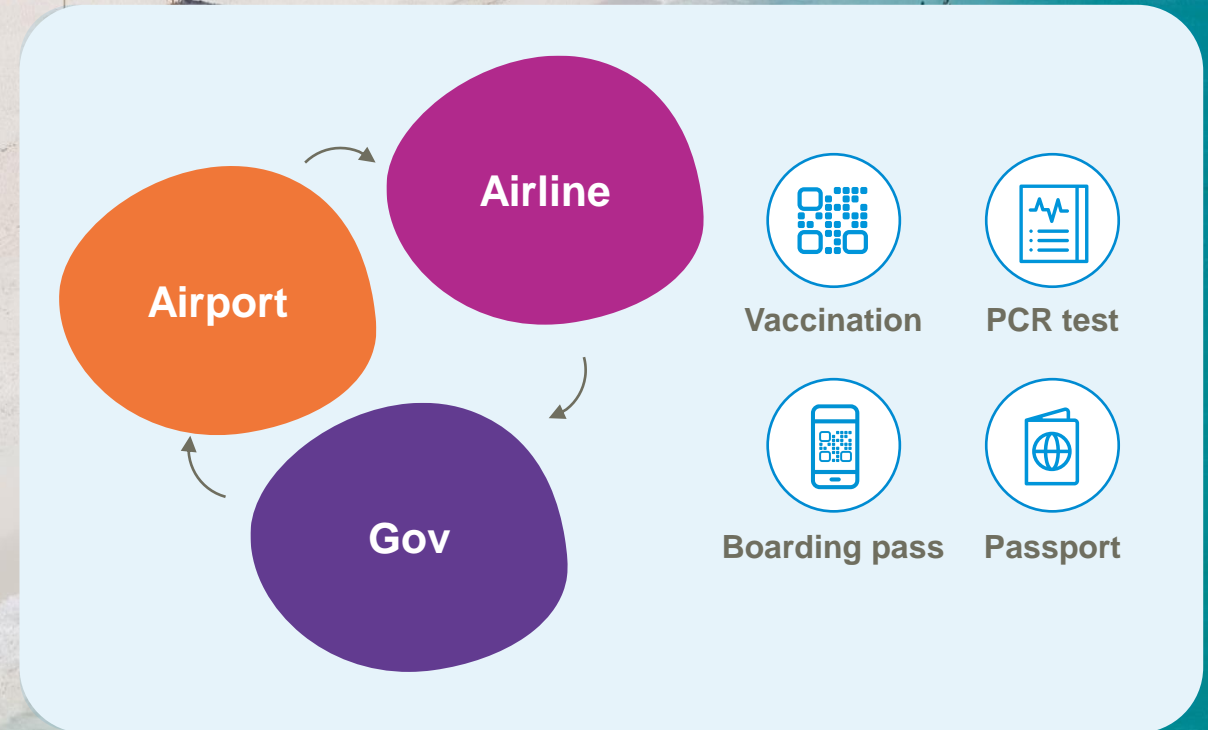


The Aruba Story – Realizing Digital Travel

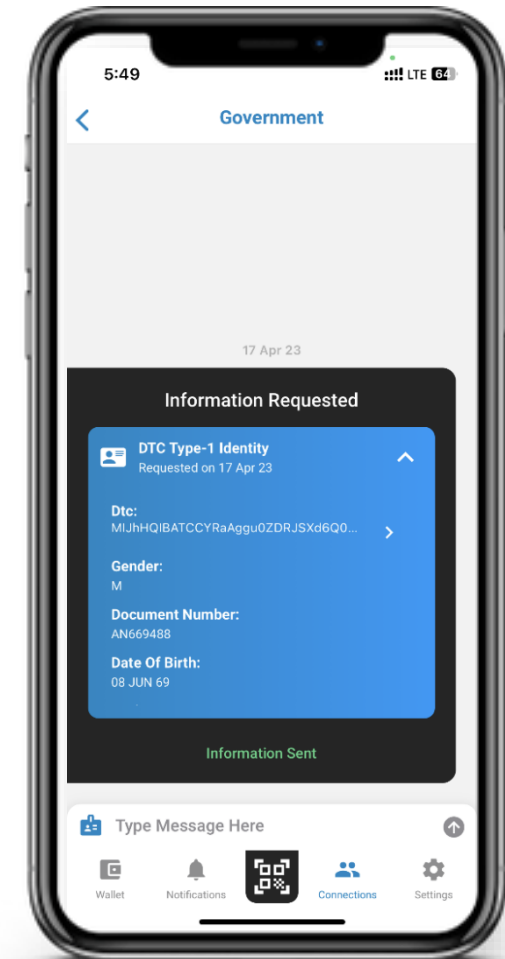
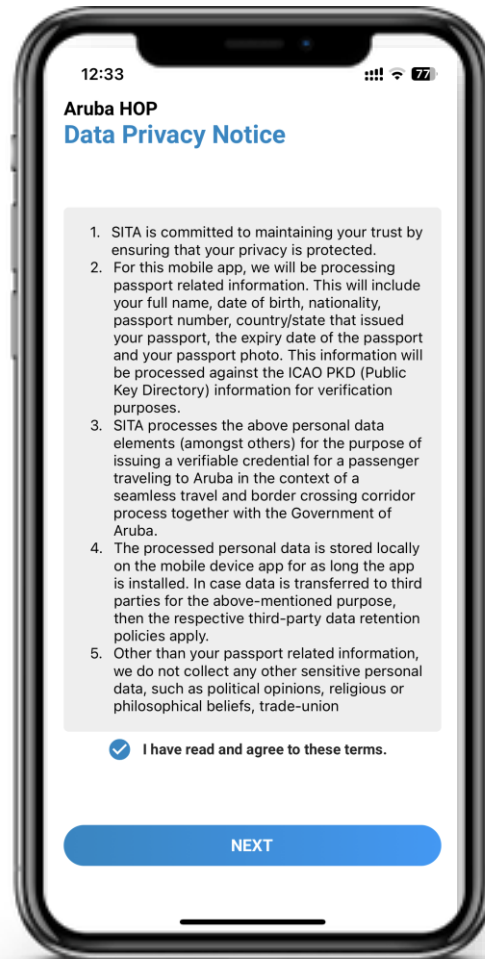


Drivers for Change

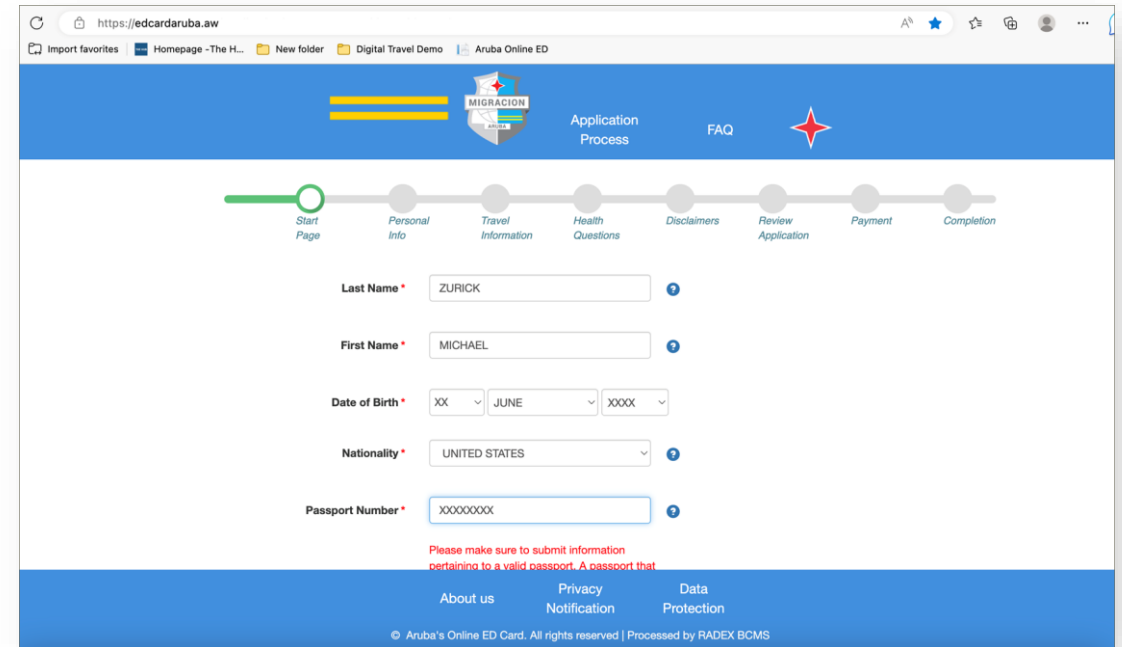
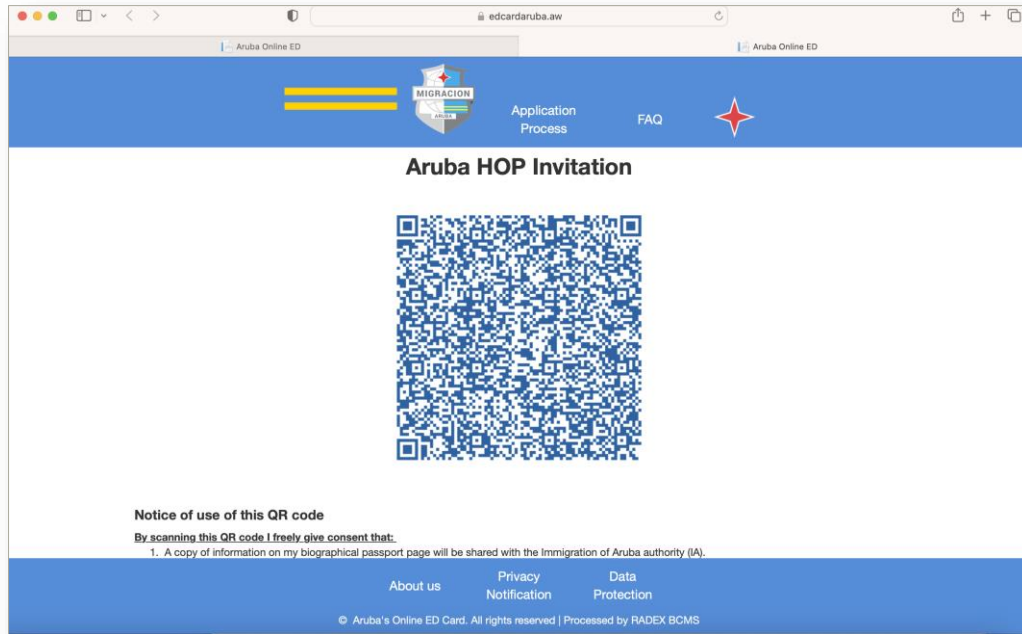
- 1 Long immigration wait times (entry/exit).
Long US departure boarding time
- 2 Travel process is cumbersome, clashes with the Holiday mood
- 3 Need safer, secure identity verification for travelers
- 4 Evolve passenger processing in a competitive travel and tourism market. Data Privacy, control, convenience
- 5 Facilitation for off airport vendors, quickest way to the beach



Aruba Happy One Pass



Aruba Happy One Pass – ED Card + DTC



Travelers are able consent to share their personal information from the comfort of their home

Government is able to address historical data quality issues by travelers

SITA Trust Network



Part 3: Data Breach Response -

Suggested “Executive Playbook” for the First 48-72 Hours



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Data Breach!

The first 48-72 hours is a vital time period after discovery of any cyber-attack on your organisation that may involve personal data or critical data.

If your organization is unfortunately targeted, the following is suggested as a practical list or “playbook” at Executive level for actions.

This is written mainly from a GDPR EU/EEA and UK perspective but has global applicability



A Checklist – Six Vital Things

1. Minutes & Resources
2. Policies
3. Legal Privilege
4. Board Communications
5. Notifications:
 - a) Govt Regulators
 - b) Law Enforcement
 - c) Stakeholders/Customers
 - d) Banks / Credit Card issuers
6. Publicity



1. Minutes & Resources

This will become important later:

Immediately start minuting all meetings from the get-go.

You will need resources – including admin resources – for tracking all meetings and decisions made.

A clear record of managers' involvement is important.



2. Policies – Follow them

The question will come up:
Did you follow your Crisis / Incident
Response Policies?

So: minute that you are following your
policies or if deviating, make sure that this is
also minuted with the reasons.

E.g. If the policies say that Head of IT
Security is to chair meetings, make sure that
occurs.



*Ransomware
response?*

3. Legal Privileged – Use It

The inhouse legal team should engage external lawyers to ensure full privilege applies right away.



You likely will want to engage specialist security consultants – but you can have the law firm engage them to have a stronger privilege position here, if loss or harm is anticipated.

4. Board Communications

Start Board reporting – being brief, formal reports that confirm team leadership, organisation and actions.

Request Board feedback and direction.

Ensure that reports confirm the application of the company's policies.



5. Stakeholder Notifications – Action ASAP

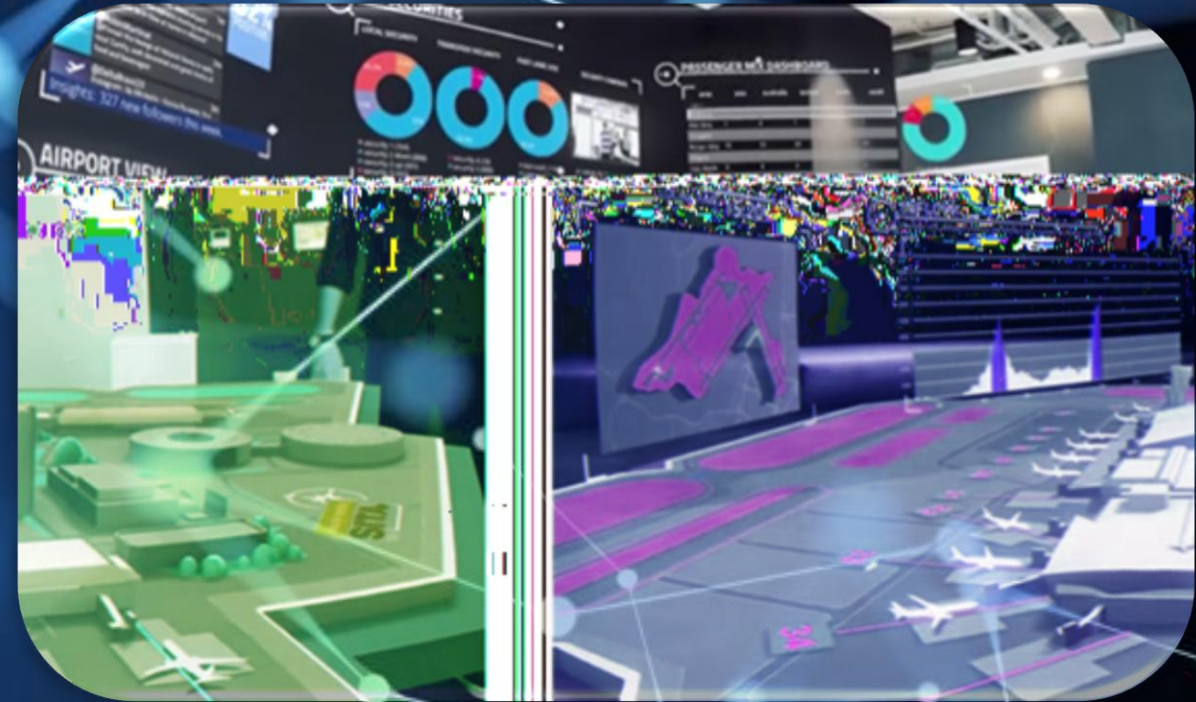
- Prepare to advise stakeholders. For airports: may include airlines, govts, banks, credit card issuers if relevant.
- Consider necessary regulator notifications. Even as sub-processor/contractor it can be mandatory to report.
- Consider law enforcement – e.g. cyber-crime divisions.
- Laws often mandate that suppliers notify customers “without undue delay” – 72 hours may be maximum time period but regulators now expect impacted parties to notify ***as soon as there is a reasonable suspicion of a breach*** (as do controllers in contracts with suppliers).



6. Publicity – Expect it

Your Communications/Marketing team will need to prepare a responsive statement and begin to consider proactive website or other statements.

Be aware that journalists requesting comment often provide only a short window of time before going to press.



Final Thoughts and Q&A

- Data breaches are becoming more common.
- Dealing with trusted providers is key to risk reduction.
- If your organization is unfortunate to be a target, and the data incident that you are managing is serious, ensuring that the first hours are handed in the most expedient way will support future loss mitigation and damage control.



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Thank you!

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