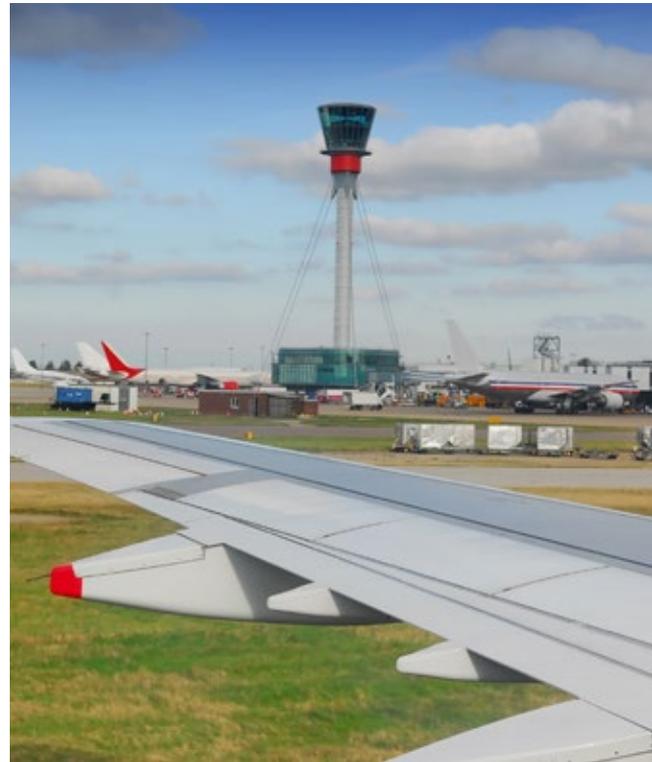# A-CDM Data Feed

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What is it?

The A-CDM Data Feed service provides customers with active flight data for aircraft landing and taking off from Heathrow. Customers can build their own applications to support their operations at Heathrow.

With the implementation of the A-CDM Data Feed, Heathrow has enabled businesses at the airport to automate their processes, thus delivering a better quality of service to passengers.

What do we offer?

A customer subscribes to the service by establishing a connection to an end point provisioned as part of a network design. This connection is then configured to contain flight information about the airlines the customer requested at set up. Data is delivered as an XML stream that conforms to Heathrow's Common Information Model. Customers will be provided with Java and .Net APIs for connections.

The service is provided by Heathrow via its Flight Publish service on the Enterprise Service Bus (ESB). Both are available today.

Requesting the service

- Access request is via the Heathrow Commercial Telecoms ordering portal **www.heathrow.com/telecoms**
- Once the request is approved the customer will be provided with technical details on how to connect to the service.
- Additional work is required by Heathrow and the customer's IT team, who will need to provide a subscribing client application.
- The subscribing customer must pass some basis tests in a test environment before they can be connected to the production environment. Heathrow will then be assured that the subscribing customer will not cause any issues on the Heathrow side of the connection. For example, the customer can process the right volume of flight update messages in a timely fashion.

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Making every journey better

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A-CDM Data Feed

How much does it cost?

- The customer is charged for testing and service connection, project management and customization. Once service connection testing is successfully completed, connection will be allowed against the production service, and then handed over to support.
- Project services cost £12,000 including Network design and deployment.

What are the SLAs?

	Target		
	Down for all	Down for some	Down for one
Restoration	4 hours	4 hours	8 hours

Technical information

The following data fields are included in the feed. The data content in each field will be dependent on the type of flight data being provided, e.g. arriving aircraft data vs departing aircraft data.

- AIBT – Actual In Block Time
- Aircraft Registration
- Airport Code-Diverted Flight
- ALDT – Actual Landed Time
- AOBT – Actual Off Block Time
- Arrival Airports/Airport (multiple)
- ASAT – Actual Start-up Approval Time
- ASRT – Actual Start-up Request Time
- ATOT – Actual Take Off Time
- Baggage Reclaim
- Call Sign
- Code Share – Carrier Code (multiple)
- Code Share – Flight Number (multiple)
- Code Share – Flight Suffix (multiple)
- CTOT – Calculated Take Off Time
- Departure Airports/Airport (multiple)
- EIBT – Estimated In Block Time
- ELDT – Estimated Landed Time
- EOBT – Estimated Off Block Time
- EXIT – Estimated Taxi In Time
- EXOT – Estimated Taxi Out Time

- Expected Runway ID
- Finals Time
- First Bag Time
- Flight Plan Identifier
- Flight Plan Movement Status
- Gate Number
- Gate Type
- Hold delay
- IATA Aircraft Type
- ICAO Aircraft Type
- International or Domestic
- Last Bag Time
- Leg Identifier – Airline
- Leg Identifier – Arrival Or Departure
- Leg Identifier – Flight No.
- Leg Identifier – Flight Suffix
- Leg Identifier – Operational Status
- Leg Identifier – Scheduled Date
- Linked Flight Identifier – Airline
- Linked Flight Identifier – Arrival Or Departure

- Linked Flight Identifier – Flight No.
- Linked Flight Identifier – Flight Suffix
- Linked Flight Identifier – Scheduled Date Time
- MTTT – Minimum Target Turn-round Time
- Overshoot Date Time
- Return to Stand Date Time
- Runway ID
- Sector Arrival Time
- Sector Exit Time
- Sector ID
- SIBT – Scheduled in Block Time
- SID – Standard Instrument Departure
- SOBT – Scheduled Off Block Time
- Stand
- Terminal
- TOBT – Target Off Block Time
- TSAT – Target Start Up Approval Time
- TTOT – Target Take Off Time
- Zoning Time

Connection will be subject to contract and approval by Heathrow.

For further information please contact your account manager or visit **www.heathrow.com/telecoms**