

Web Services

Services

- XML support over HTTP
- Dynamic connection engine
- Information updated: updated daily, weekly or monthly

FlightLookup® FlightServer Timetables

- Origin and Destination
- Worldwide passenger airline flight schedules
- Worldwide cargo airline flight schedules
- Combined passenger and cargo flight schedules
- Single Day, 7 day and Multi-day lookups
- Search criteria includes: Time/Airline/Interline/ Number of Routes/Number of Connections, etc

FlightLookup® Airport Timetable

- All flights into and out of Airport
- Worldwide passenger airline flight schedules
- Worldwide cargo airline flight schedules
- Combined passenger and cargo flight schedules
- Single Day, 7 day and Multi-day lookups

FlightLookup® Flight Number

- Metadata on Specific Flight
- Arrive, Depart, Times, Days of operation, Operating Carrier, Terminal

FlightLookup® Codeshare

- Operating carrier information based on Marketing Flight Number
- Operating Carrier IATA code, Operating Carrier Flight Number

FlightLookup® Location

- Latitude and longitude of Airport
- Airport Name, Airport IATA code, State and Country

FlightLookup® Route Service

- Returns information for a specific route over a range of dates
- Flight Number, Origin, Destination, Times, Start Date End Date

FlightLookup® Terminal

- Returns Terminal Information
- Flight Number, Arrival Terminal, Depart Terminal, Operating Carrier

FlightLookup® Distance

- Returns distance between Origin and Destination Airport
- Miles and Kilometers

FlightLookup® Who Serves

- Returns list of airlines serving a specific airport
- Airline Code, Airline Name

FlightLookup® Custom Services

- Create custom outputs for specific use conditions
- Additional Engineering resources to help develop solutions
- Consulting experience for customer expectations web and mobility
- UI design

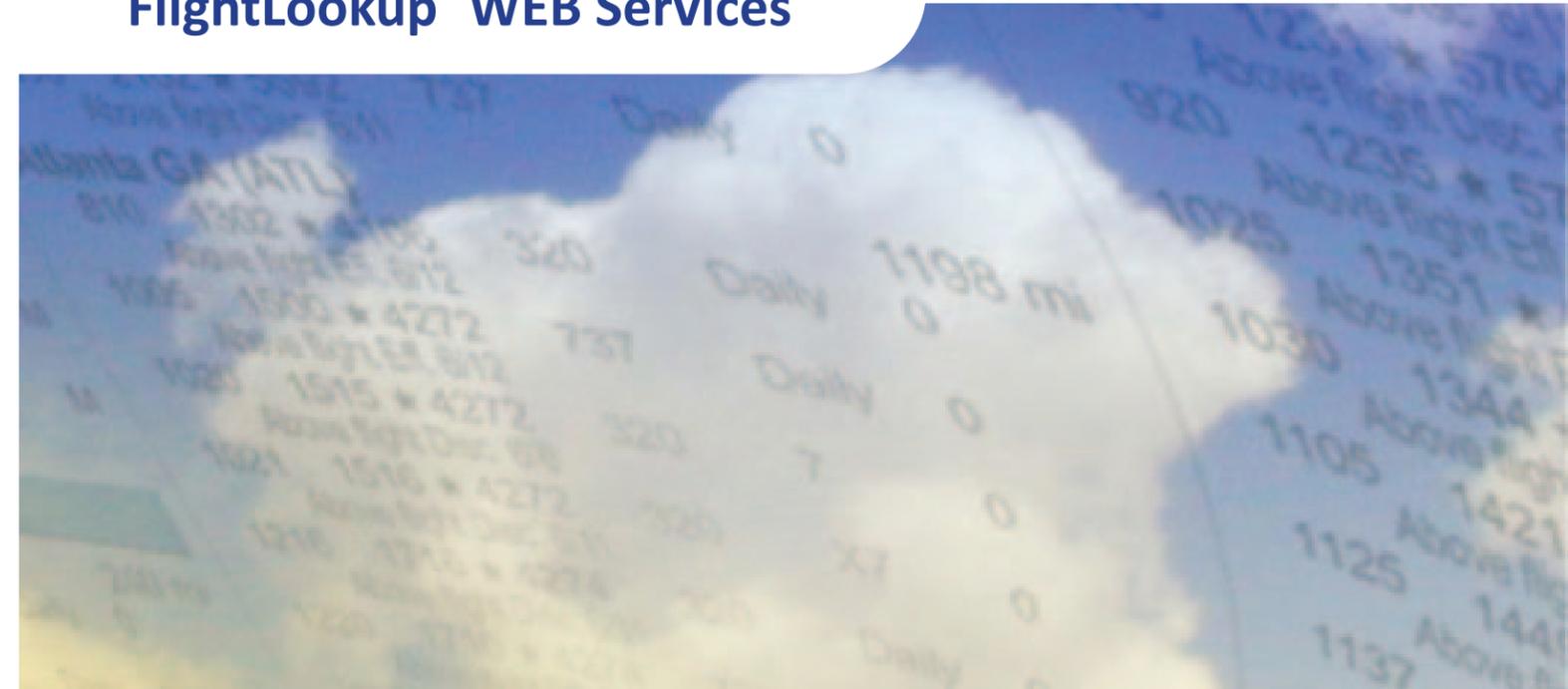


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FlightLookup® WEB Services



The GTT FlightLookup® dynamic connection engine powers many of the largest airline and alliance backends. FlightLookup® uses global flight schedules and the ancillary information required to create the most accurate and comprehensive list of flight schedules and timetable related data on a stable platform delivering over 3 million hits a day. But it's not just airlines that are employing the competitive advantage of GTT's services; airports, any travel agency, OTA, corporate travel program or service scheduler that relies on accurate schedules to imbedded in their in-house applications can rely on and benefit from GTT's FlightLookup® WEB Services.

Our extensive library of Web Services APIs provides a powerful information source for developing sophisticated applications requiring flight related schedule data including non-stop, direct and multi-hop connection building.

Whether you are a software company developing products for sale or an in-house developer, the GTT APIs are unmatched in terms of breadth and richness of the information.

Our development tools and documentation will get you up to speed quickly enabling short development cycles.

Benefits:

- One stop shop for all schedule information
- Global schedules (any origin or destination world-wide)
- Flights can be refreshed daily, weekly or monthly depending on your budget needs
- Dynamic multi-hop connection building engine. No need to develop your own connection building algorithms

Features:

- Industry standard XML data feed
- Results can be filtered by region, airline, codeshare, marketing carrier, alliance, etc.
- Fully internationalized and supporting multiple languages, i.e. English, Traditional or Simplified Chinese, French, German, Spanish, Korean, Japanese, Italian, Portuguese, Russian, Arabic, etc.
- Nonstop / direct flight schedules or multi segment schedules (up to 12)
- Comprehensive metadata such as elapsed time, aircraft codes, airport station information, time zones, and many more

Why use a Service:

- Accelerate the delivery of a flight lookup solution to your customers
- Free up resources devoted to educating themselves on the complexity of building connections
- Ability to use the same information for your website, mobile device, PDFs, and printed schedules
- Reduce IT infrastructure costs
- Scalability built-in

Why GTT:

- Global availability 24x7
- Redundant servers make a failover recovery seamless
- Class 1 Servers Multi-homed & redundant with primary Internet access points
- Over 15 years developing and selling flight scheduling software and services
- Trusted partner of major airlines, alliances and travel industry organizations

Save the expense, time, and pain of training your developers to be domain experts in Airline connection building!

Let them use the XML skills they already have!

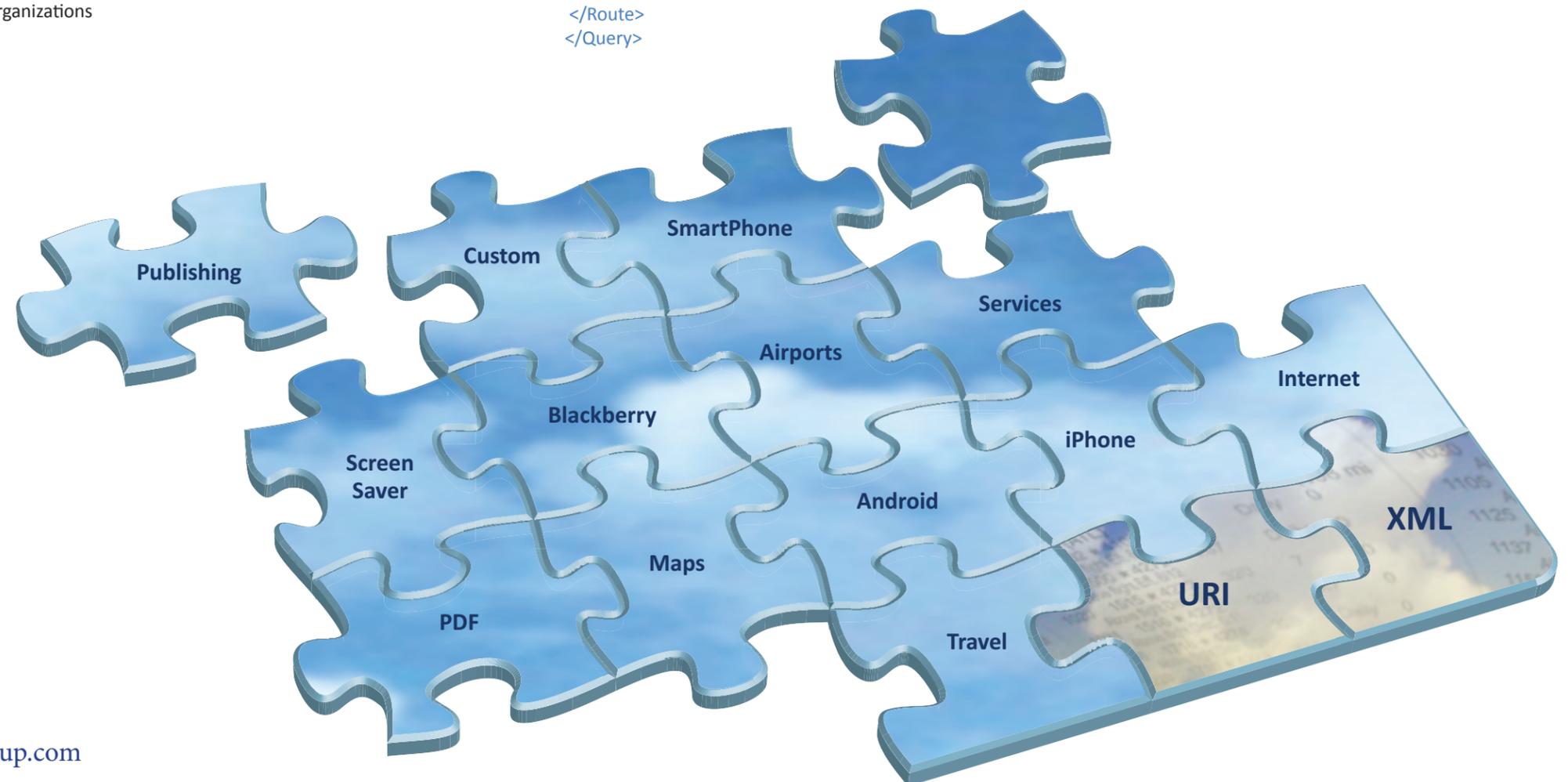
GTT's XML query and data feed:

<http://lookupserver.com/xml.php?compression=ALL&mode=schedules&from=BOS&to=BWI&Date=05/10/10&sortBy=5&results=20&count=20&service=AUTO&time=ANY>

```
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- <Query type="schedule" status="0" message="success"
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  ToStation.Long="Baltimore Washington" ToStation.
  Abbrev="BWI" StartDate.MMDD="5/10" EndDate.
  MMDD="5/16" Dates.MMDD="5/10-5/16" Date.
  ddMMMy="10 MAY 10" Date.3="5/10" Date.4="10MAY10"
  Date.5="May 10, 2010" Date.6="10 May 2010"
  RouteCount="20" >
...
</Route>
</Query>
```

Or learning the raw data collection and connection rules:

- Standard Schedules Information Manual (SSIM)
- Minimum Connection Time (MCT)
- Chronological Listing
- Code Share Services
- Daylight Savings Time (DST) Files
- IATA Location Files
- IATA Carrier Codes
- IATA Aircraft Equipment Codes
- IATA Airline Coding Directory
- Industry Standard Connection Rules
- Exceptions to the Industry Standard Rules



Try out the Web Services at www.flightlookup.com