



# Data Integration Solutions for Airports

## Synchronize All Airport Systems

Improve your airport's operational efficiency, safety, and passenger experience by using FME® to build data integration workflows and run them in an automated environment.

- Efficiently manage facilities, assets, and operations by harmonizing systems across all airport functions.
- Keep all systems up to date, even as venues and assets change and new data arrives.
- Build indoor maps for asset tracking and wayfinding.

Blog:

### Why All Airports Need A Data Integration Plan

Airports can improve operations and safety by keeping datasets synchronized and up to date, including facilities, assets, and infrastructure. Learn how to achieve data integration and application integration using FME.

Read the blog: [fme.ly/airportsblog](https://fme.ly/airportsblog)



Learn more: [fme.ly/airports](https://fme.ly/airports)  
Get your free trial: [safe.com/trial](https://safe.com/trial)

How Our Customers Use FME:



## Vancouver International Airport (YVR)

Vancouver International Airport uses FME to bring together floor plans and asset data for indoor wayfinding, including IMDF for Apple Maps, a custom mobile app, and a web map. With FME, they automate the workflow so the indoor maps always reflect the latest information about terminals, gates, and flight numbers. They also use FME to aid facilities management, including data standardization, quality assurance, and conversion to a central digital gateway. By operating efficiently and delivering indoor maps to passengers and staff, YVR proves why it has won the SKYTRAX award for eight years running.

*"I love FME because it just makes my job easier every day."  
– Carlos Silva, Vancouver International Airport*

**10,000 Customers Trust the FME Platform by Safe Software**



## Victoria International Airport (YYJ)

As an airport twice named ‘Best Regional Airport in North America’ by ACI, YYJ wanted to take their passenger experience to the next level by enabling indoor mapping via Apple Maps. Using FME, they integrated their floor plans and facility information from Esri Geodatabase, and transformed it to meet strict IMDF (Indoor Mapping Data Format) requirements. After georeferencing, schema mapping, validation, and data conversion, the airport can now be navigated in Apple Maps by airport staff and passengers.



## Finavia (Airport Operator)

Using FME, they automatically generate PDF maps for security, ports, police, and fire, by processing topography data from DGN and PostGIS. They also build topographic, cadastral, and basemap databases by retrieving data from National Land Survey and writing to PostGIS. Other projects include building flight obstacle maps from point clouds and managing water monitoring data from sensors.



## Denver International Airport (DEN)

As the largest airport in North America by land area, Denver has to manage facilities that change daily, including many active construction projects. They use FME to update and convert building information models (BIM) from Revit to endpoints like GIS, PDF, and AutoCAD, which can be shared across teams. Automating this process ensures all departments are working with the latest data models. Plus, by integrating assets from IBM Maximo and other sources, they generate an interactive map that staff and passengers can use to get information about the airport’s spaces and infrastructure.

*"FME helped us achieve the impossible and their staff is a pleasure to work with!"  
– Emmy Thammasine, Denver International Airport*

## Airports Subscription Program

This program enables your airport to use unlimited amounts of FME for a single annual price, based on passenger volumes. Now all departments can use FME at no extra cost, saving you money and speeding up projects as compared to one-off licenses.

Benefits for your organization:

- Lower up-front acquisition costs
- Reduce procurement costs by opting for a single subscription
- Eliminate time lag on projects and get new projects up-and-running quickly
- Predictable budgeting as renewal only occurs once/year
- Annual maintenance included
- Flexibility to scale FME to your growing needs

Learn more: [fme.ly/airports-subscription](https://fme.ly/airports-subscription)

**Note:** Since airport traffic is significantly down due to COVID-19, any subscriptions in 2020 will be based upon whichever is the lowest (i.e. least expensive) of either your 2019 volume or your projected volume for 2020.

On-Demand Webinar:

### Airports Data Integration 101

Learn through case studies how airports around the world are using FME’s data integration platform to help their data flow freely between applications—helping them to solve problems and turn data into valuable insights. Examples include:

- Indoor Mapping (such as Apple Maps and HERE)
- Facilities Management
- Spatial Analysis
- Information Exchange via AIXM

Watch now: [fme.ly/airport-webinar](https://fme.ly/airport-webinar)

