

FME Server

Top 7 Ways to Automate Data Integration

While organizations invest deeply in building their datasets and implementing applications, they often struggle to share information between teams and systems in a timely manner.

By automating your data integration workflows, you eliminate the need for manual data entry, and ensure that data and information can be accessed in the best fit-for-purpose applications.

Using FME Server®, you can:

- Automate access and delivery of data using event-driven workflows for a hands-free experience.
- Democratise your data integration workflows, making them easy for anyone to run.
- Optimize processing power by deploying workflows on server hardware on-premises or in the cloud.

Learn more about FME Server: fme.ly/FMEServer

Let's take a look at the top 7 ways customers are using FME Server to automate their data integration workflows:

1. Automate Data Integration

Using the FME Server Automations GUI, you can build event-driven workflows that run when data changes or new data becomes available – no coding required.

Eliminate manual intervention and schedule-based delays in data integration, ensuring that data is available where, when, and how it's needed for efficient operations.

See how the **City of Oshkosh's Child Abduction Response Team** is automating their workflows to support their rescue efforts:

fme.ly/CityofOshkosh

Follow the instructions in this article to start building your own **automations**:

fme.ly/GetStartedAutomations

Ready for more advanced automations? Read this article to get started building **enterprise integration patterns**: fme.ly/GetStartedEIP

2. Deliver Application Integration

With FME Server, you can go beyond updating datasets, and trigger actions directly in applications – this is called application integration.

Customers are designing workflows that watch for new data or actions within an application, and respond by taking action in that application and others.

This enables staff at your organization to continue accessing the most up-to-date information in their applications of choice, without requiring manual data entry between systems.

Discover the many ways the **City of Coquitlam** is applying application integration to improve in data integrity and accessibility between their internal teams and external vendors:

fme.ly/CityofCoquitlam

Read this article to get started with **APIs**:

fme.ly/GetStartedAPIs



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

Safe Software is the maker of the FME Platform

3. Provide Self-Serve Data Integration

Democratise your data integration workflows by offering them in a web interface, easily built using FME Server Apps or customized using the REST API. This ensures that data authors and consumers can perform frequently required data integration tasks on-demand, freeing up your time.

See how the **City of Burnaby** has automated the delivery of One Call packages to ensure safety of individuals and infrastructure during construction: fme.ly/CityofBurnaby

Learn how to get started with **FME Server Apps**: fme.ly/GetStartedFMEServerApps

5. Offer Self-Serve Data Access

Make data available on-demand, enabling staff or the public to access the data they need. This is especially important when you need to meet open data regulations.

With FME Server, you can provide a data portal, a download service, or deliver data using FME Server apps, FME Data Express, or a custom web app.

See how **Geoscience Australia** reduced costs by 600% and increased delivery speed by 98% by using FME Server to deliver elevation data:

fme.ly/GeoscienceAustralia

7. Scale Integration Power

Optimize your data integration processing power with FME Server. Take advantage of data gravity and run workflows architecturally close to where the data is stored (on-premises or in your preferred private or public cloud environment).

FME Server also offers you the opportunity to implement a resilient data integration strategy, with security, fault tolerance, load balancing and queue prioritization.

Find out how to **publish a workspace** to FME Server: fme.ly/PublishWorkspaceFMEServer

Learn how to efficiently **plan for scalability and performance** in FME Server: fme.ly/ScalabilityPerformance

4. Send Emails and Notifications

Ensure that critical information is delivered to stakeholders immediately by delivering emails and text messages, containing information, reports, and dashboards.

Find out how the **California Earthquake Authority** insurance company monitors a federal dataset for earthquake data, notifying staff if their clients could have been impacted by damage: fme.ly/CEA

Set up your workflows to **trigger emails** using these instructions:

fme.ly/SendEmails-Automations

6. Integrate Data Streams

FME Server can help you connect to and process data streams, no matter where the data is from, and leverage real-time data as easily as any other data source.

With FME Server, you can monitor data for assets, vehicles, maintenance operations, storms, flooding, lightning, and other critical IoT data to make informed business decisions.

Discover how **Pelmorex Media** set up lightning data monitoring in 3 weeks effort compared to the 6-7 months estimated to code a custom prototype: fme.ly/PelmorexCorp

"FME is the cherry on top the ice cream sundae that helps bring data together and customize it for your needs."

- David Runneals,
Iowa DOT

"Without FME Server we would have had to build a custom solution, and the estimate just for a prototype solution was six to seven months."

- Jim Saini,
Pelmorex Corp

"FME allowed us to communicate between several unrelated platforms, which would have otherwise been unthinkable."

- Martin Labrecque,
City of Lévis

Get the Most Out of FME With Our Subscription Offerings

Our new subscription plans offer flexible and cost-effective ways to take advantage of the FME Data Integration Platform.

Find out more: fme.ly/subscription-webinar

Special plans are available for many industries.

