



Introduction to FME Desktop



Slides: fme.ly/iduc

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FME Evangelist



Overview





Start Your Journey

Request a virtual machine (scroll down): fme.ly/uctraining

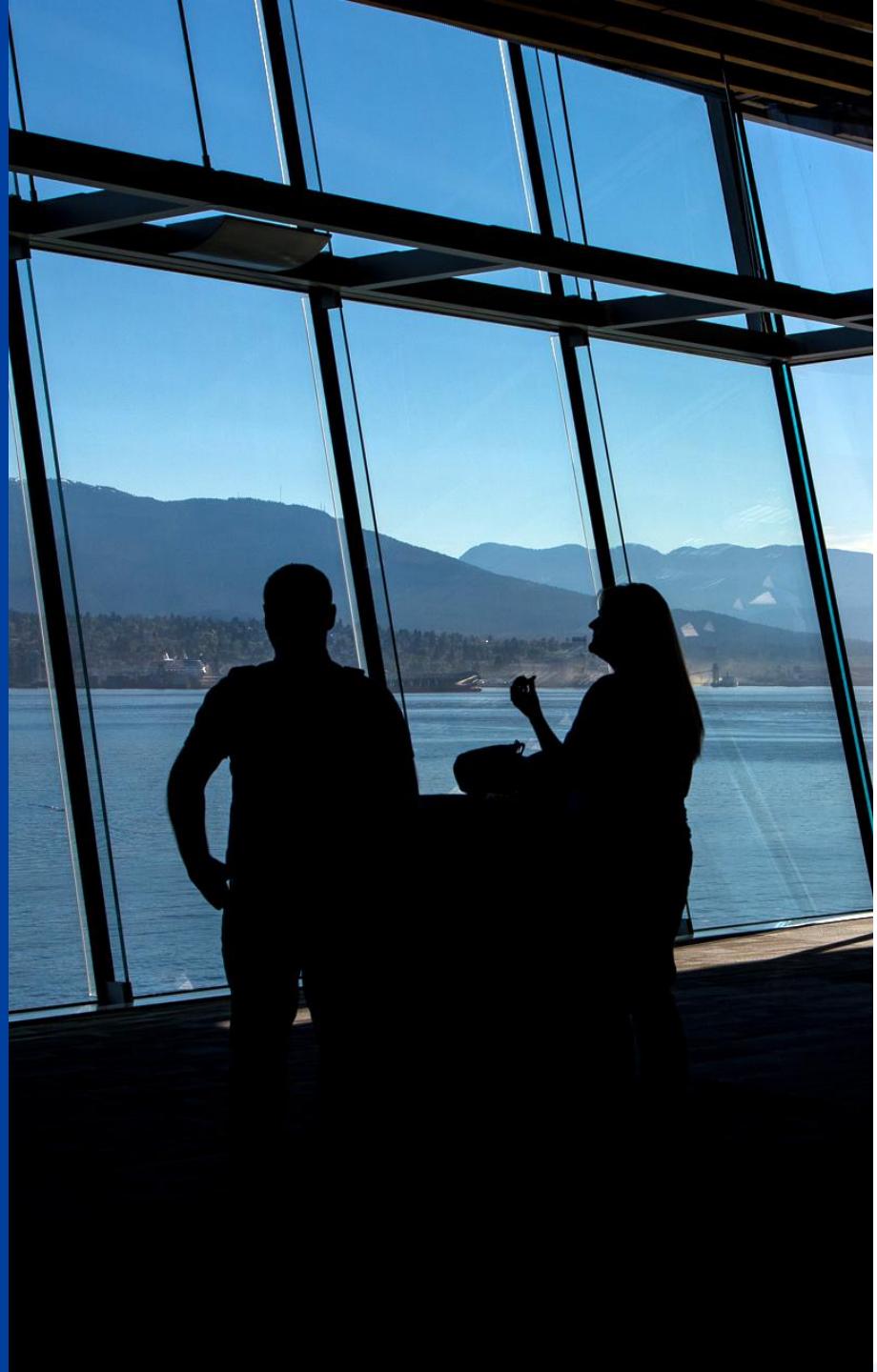
Training machine credentials:

Administrator / FMElearnings#1

The FME Server credentials:

admin / FMElearnings





Agenda

9:00 - 10:30 am

Why Data Integration?

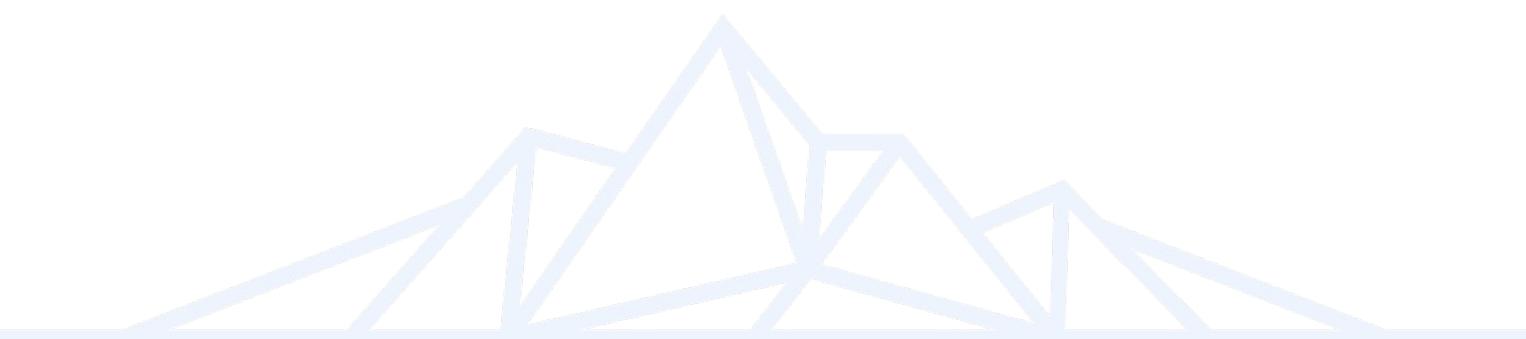
Connect to Data

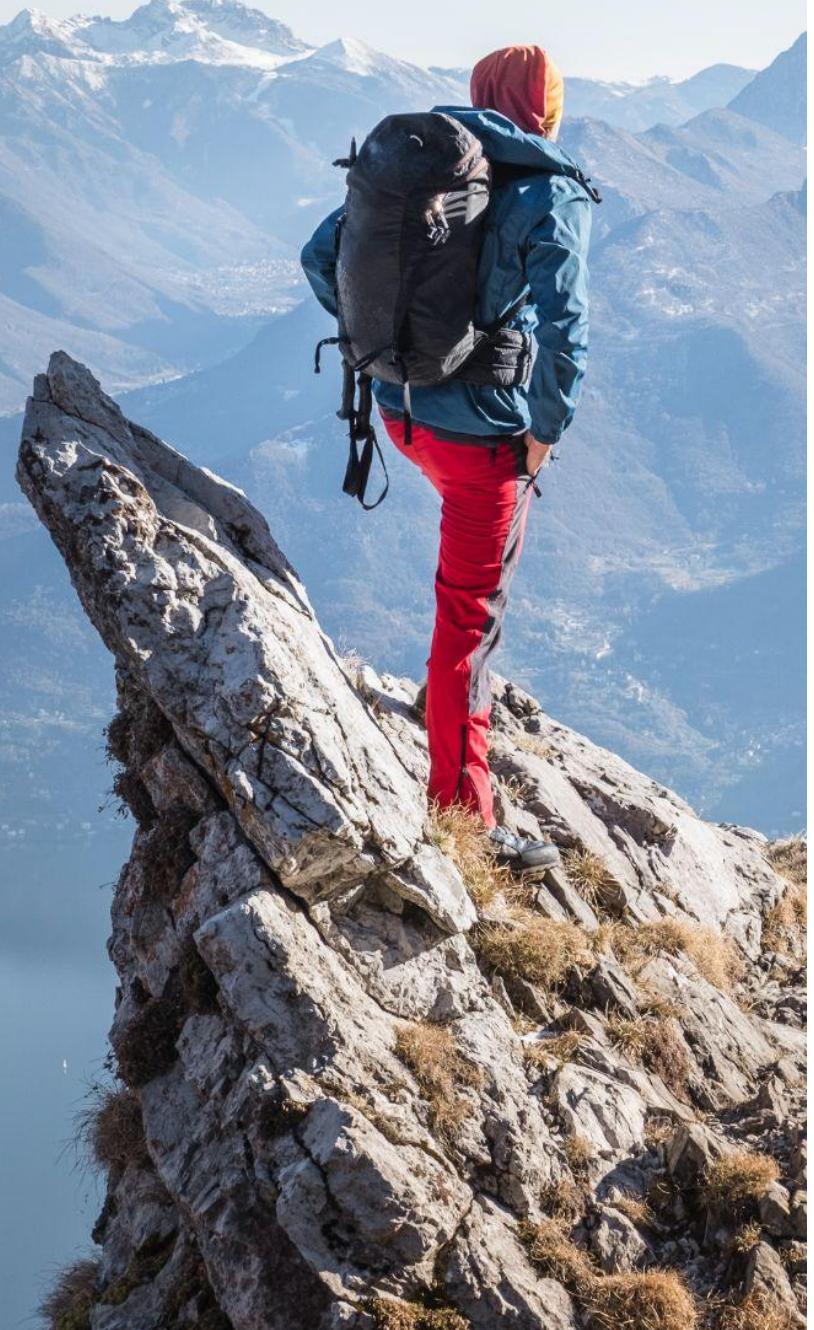
10:30 - 10:45 am

Coffee Break

10:45 am - 12:15 pm

Transform Data





Material

**FME Academy “trail”:
Integrate Data with
the FME Platform**

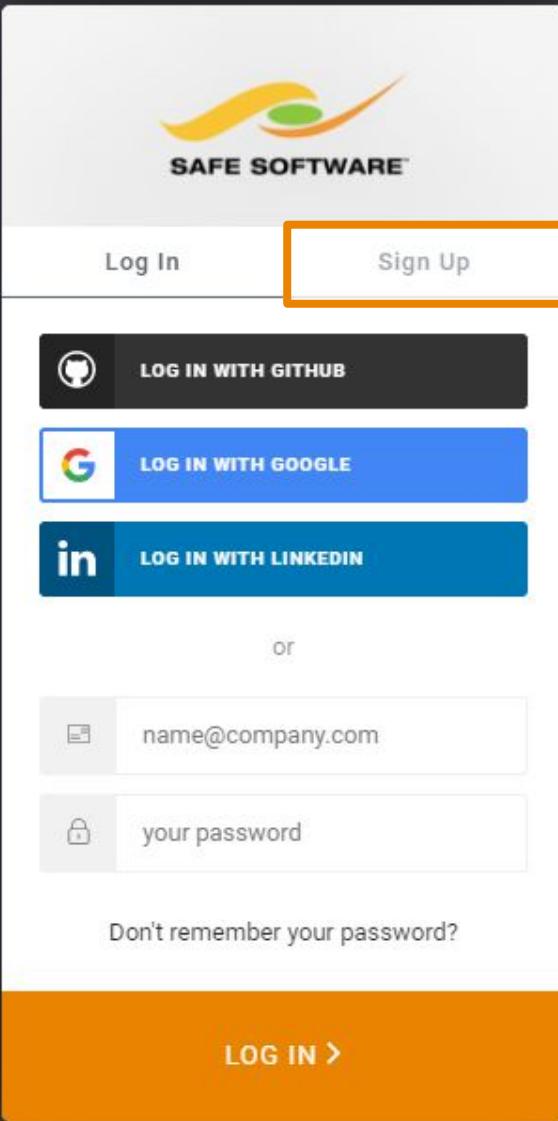


FME Academy

<https://community.safe.com/s/academy>

- FME learning platform
- Free with FME Community account
- Earn badges by signing in and completing quizzes
- Sign in or create an FME Community account







Search for modules, trails, and more...



Today

Trails

Modules

Trilmixes

Trails: follow guided learning paths

Trails are guided learning paths through modules and projects that help you cover the most ground in the shortest amount of time. Consider them your personal game plan for exploring new skills.

Find the right trails for you [Clear filters](#)

Showing 5 trails out of 5



+2,100 points

Trail

[Integrate Data with the FME Platform](#)

Gain value from data by connecting applications, transforming data, and automating common workflows.



~3 hrs 35 mins



+1,250 points

Trail

[Integrate Spatial Data](#)

Unlock the power of your spatial data with FME. Learn the basics of spatial data and conducting basic spatial analysis.



~2 hrs 5 mins



Trail

[Publish Workflows to the Cloud](#)

Save time and create enterprise-grade integration workflows with FME Cloud.



Quiz

+100 points

Time Estimate
⌚ About 10 mins

1 Which kind of platform is FME?

- A Data governance
- B Blockchain
- C Customer relationship management (CRM)
- D Data integration

Topics

- Learning Objectives
- Powering the Flow of Data
- What is FME?
- Breaking Down Data Silos
- The Value of Spatial Data Integration

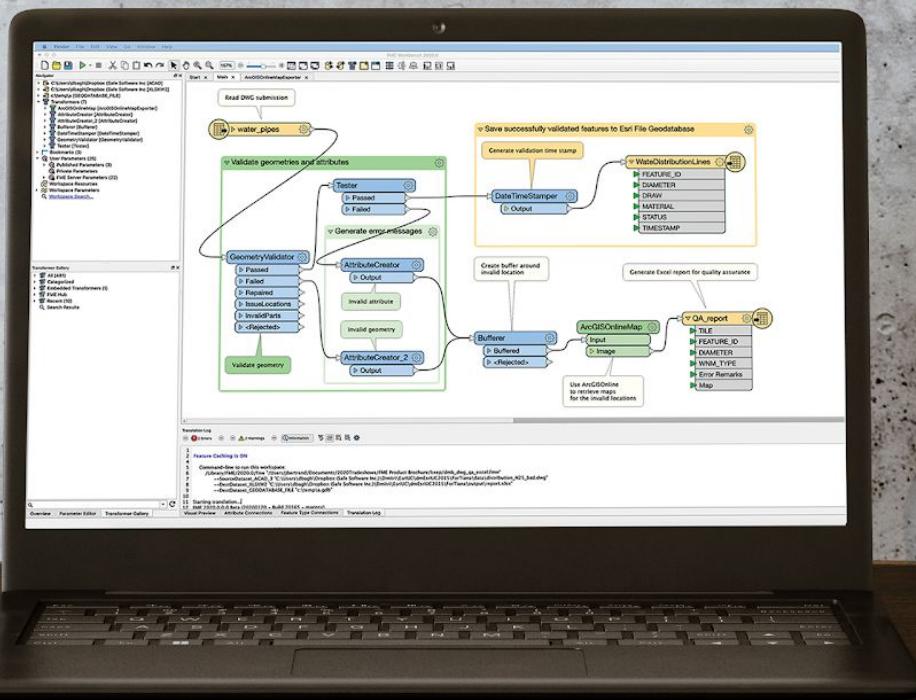
2 Which of the following is not an example of a data silo?

- A AutoCAD drawing datasets stored on a single CAD technician's computer.
- B Excel files of budgeted financial statements stored on a network drive shared by a few members of an Accounting department.
- C An asset management system with data only accessible by members of the facilities management team.
- D All the spatial data used by an organization stored in a single cloud database, integrated with other systems where necessary.

Challenge

+100 points

Exercise





Why Data Integration?

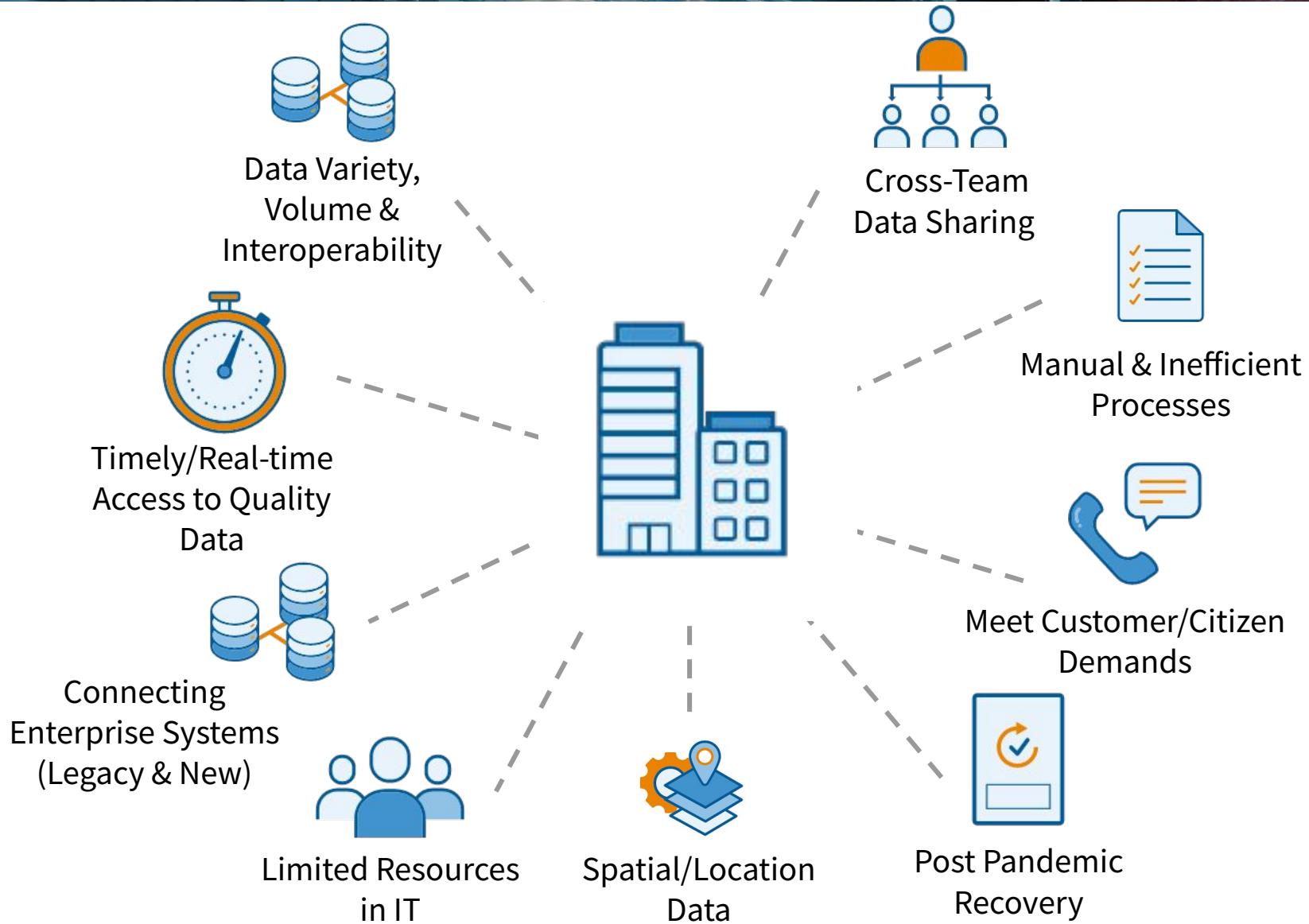


The FME® Platform

Run Your Business on Data



Challenges Facing Organizations Today

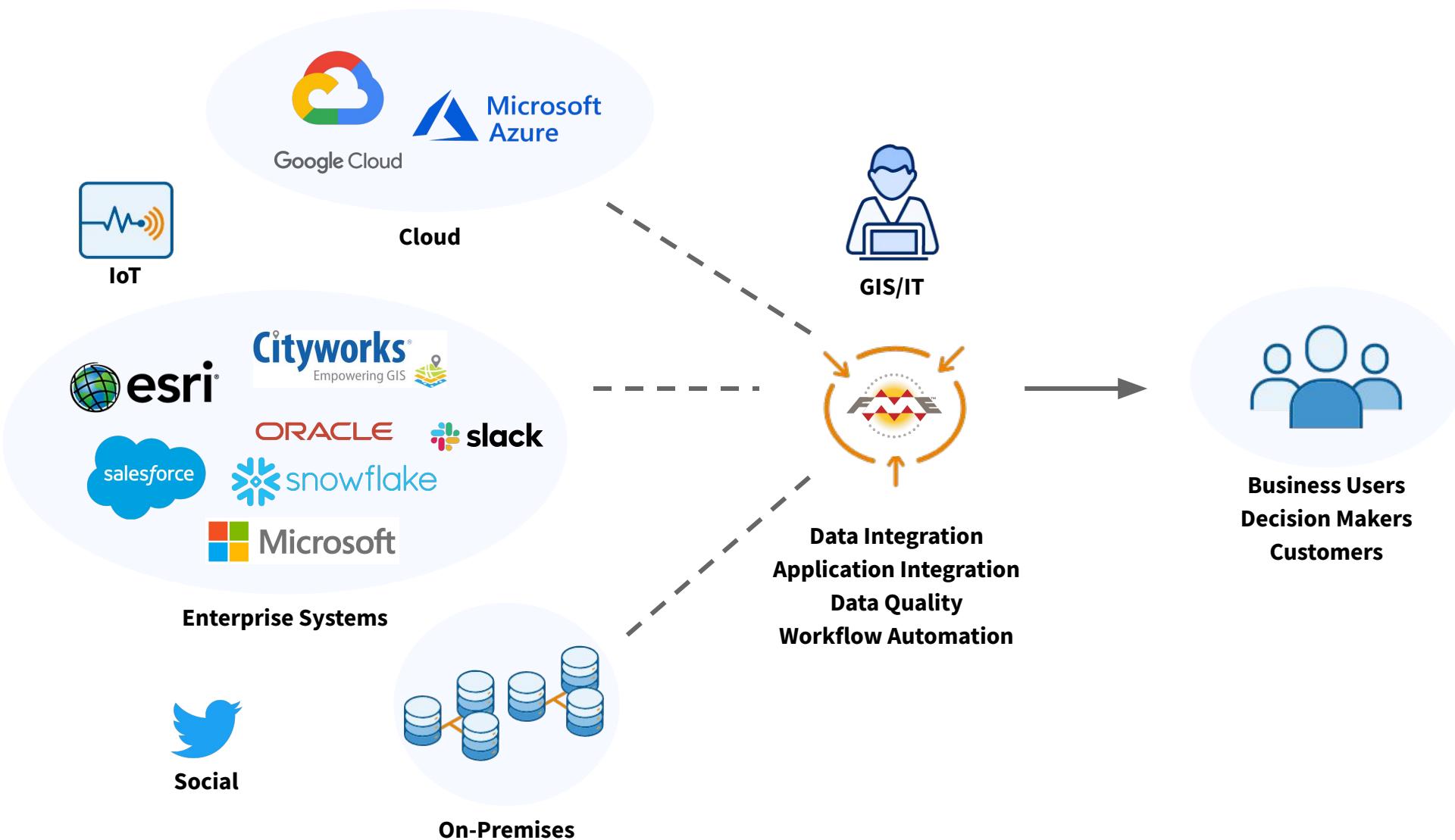




Data is the most critical business asset for any organization.

Serve your customers better with data-driven decisions.

Solution: Enterprise Integration





Our Mission

To help you maximize the value of data.



Our Technology Partners



teradata.



and many more...

Our Key Markets



Utilities



Government



Energy



AEC



Commercial



Telecom



Transportation



and more...



Our Customers



safe.com/customers

and many more...

Supported Enterprise Business Systems

Asset Management



Business Intelligence



Database & Data Warehouse



Open Data



and many more...



Our Strength

We bring the power of spatial data
to your decision making.



The Importance of Spatial Data

Leverage Location to Power Strategic Decision Making

The Rise of Spatial Data

The value of Spatial Data is recognized by more and more vendors.



And many more....

Spatial Data Optimizes Business Decisions



Drive Sales with Customer Location

- Understand customer behaviours
- Deliver personalised promotions
- Drive store traffic and purchases

Improve Operations with Asset Location

- Track asset location & condition
- Predict maintenance
- Improve workforce coordination

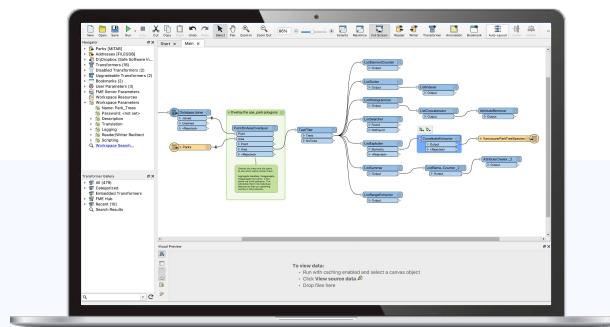
Increase Situational Awareness with Event Location

- Track people, places & resources
- Improve disaster response and recovery
- Improve workplace safety



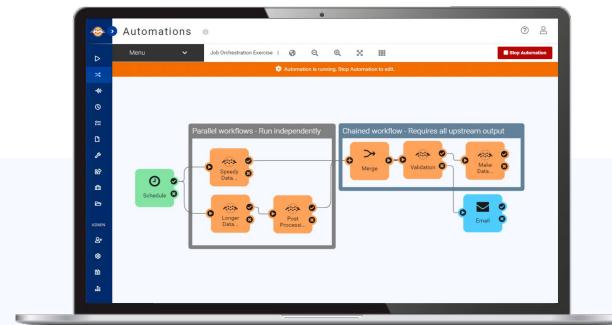
FME® Enterprise Integration Platform

The **only** Enterprise Integration Solution with comprehensive support for Spatial Data



FME Desktop

Build & Run Data Workflows



FME Server

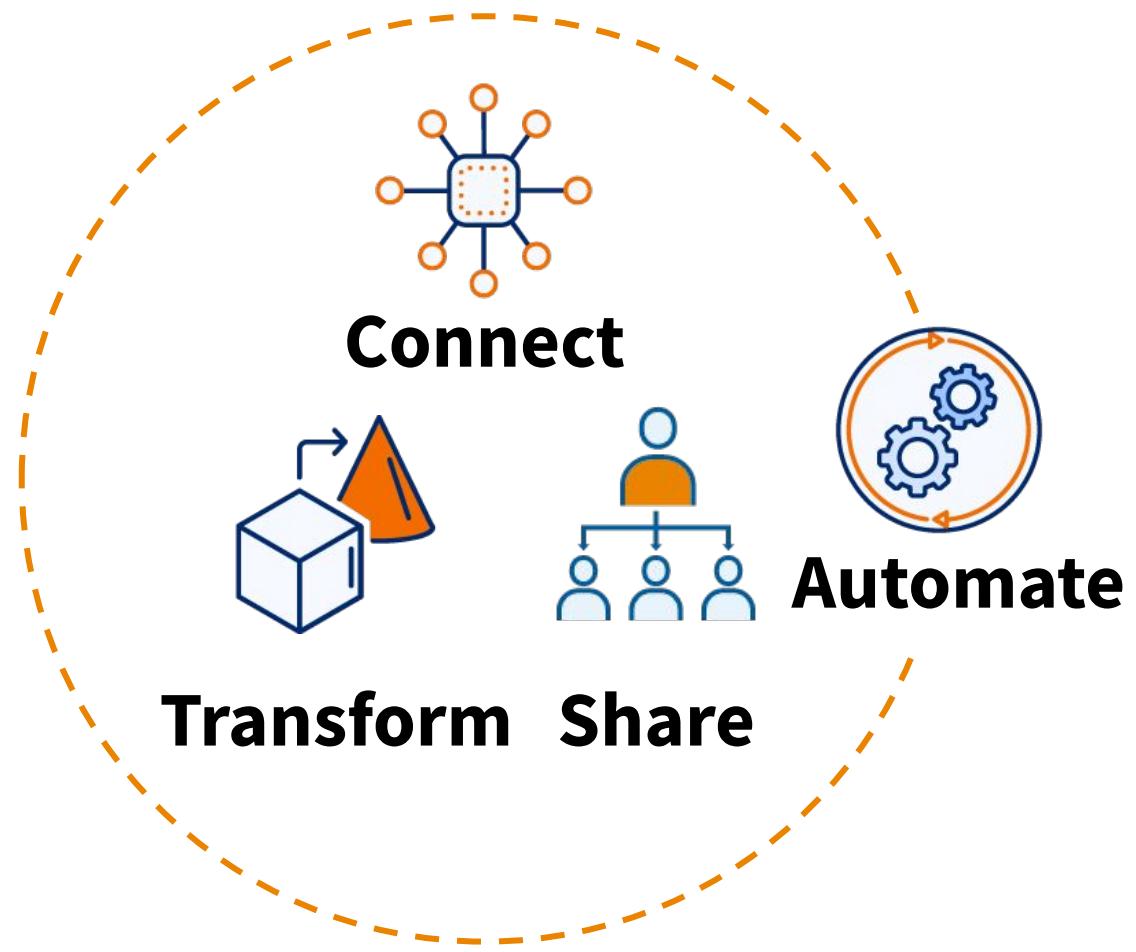
Automate Data Workflows
Can be hosted on **FME Cloud**



FME Mobile

Deliver the Power of
FME to Mobile

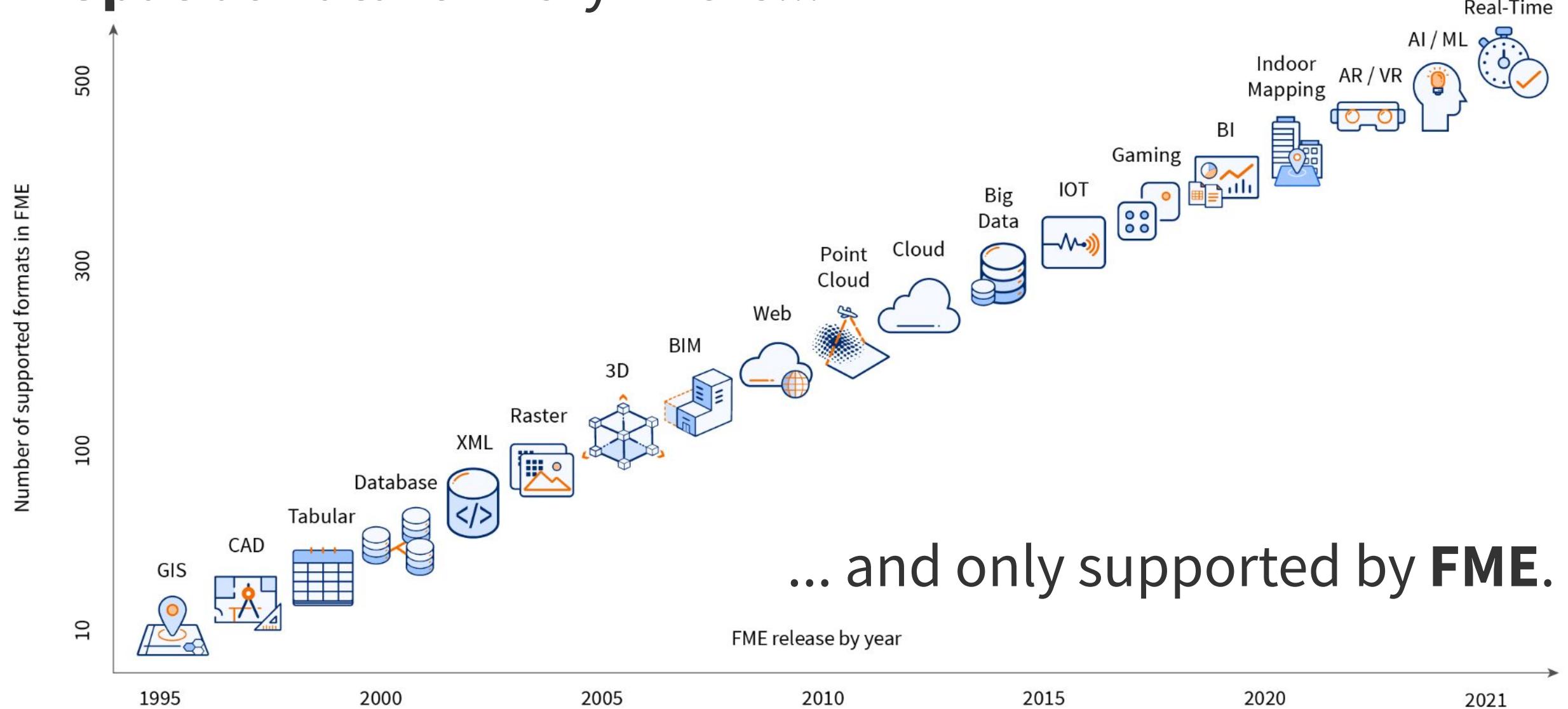
*Powering your dataflows **on premises, in the cloud, and on mobile***



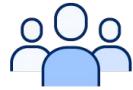
Power your business decisions with enterprise integration and no-code automation.

- Connect data across **450+ systems** including geospatial data, big data, and real-time data
- Combine, restructure, and transform your data with over **500+ transformers**
- Automate your data workflows including **batch, event-based, and stream processing**.
- Improve data accessibility and sharing with **self-serve apps**
- Scale to your organization's needs with **flexible, secure, and platform-agnostic deployment**

Spatial Data is Everywhere...



We're all about Free Resources



FME Community

+19,000 Global Users

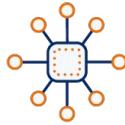
- Join discussions with Safers and other FME users
- Submit ideas for FME



Knowledge & Training

Learn FME

- Live online training
- FME Academy
- Articles & tutorials



FME Hub

Discover More

- Access transformers, templates, connectors, and more



Technical Support

Report a Problem

- Ask how-to questions on FME Community Forums
- Support cases

When in doubt, ask us on **Live Chat!**

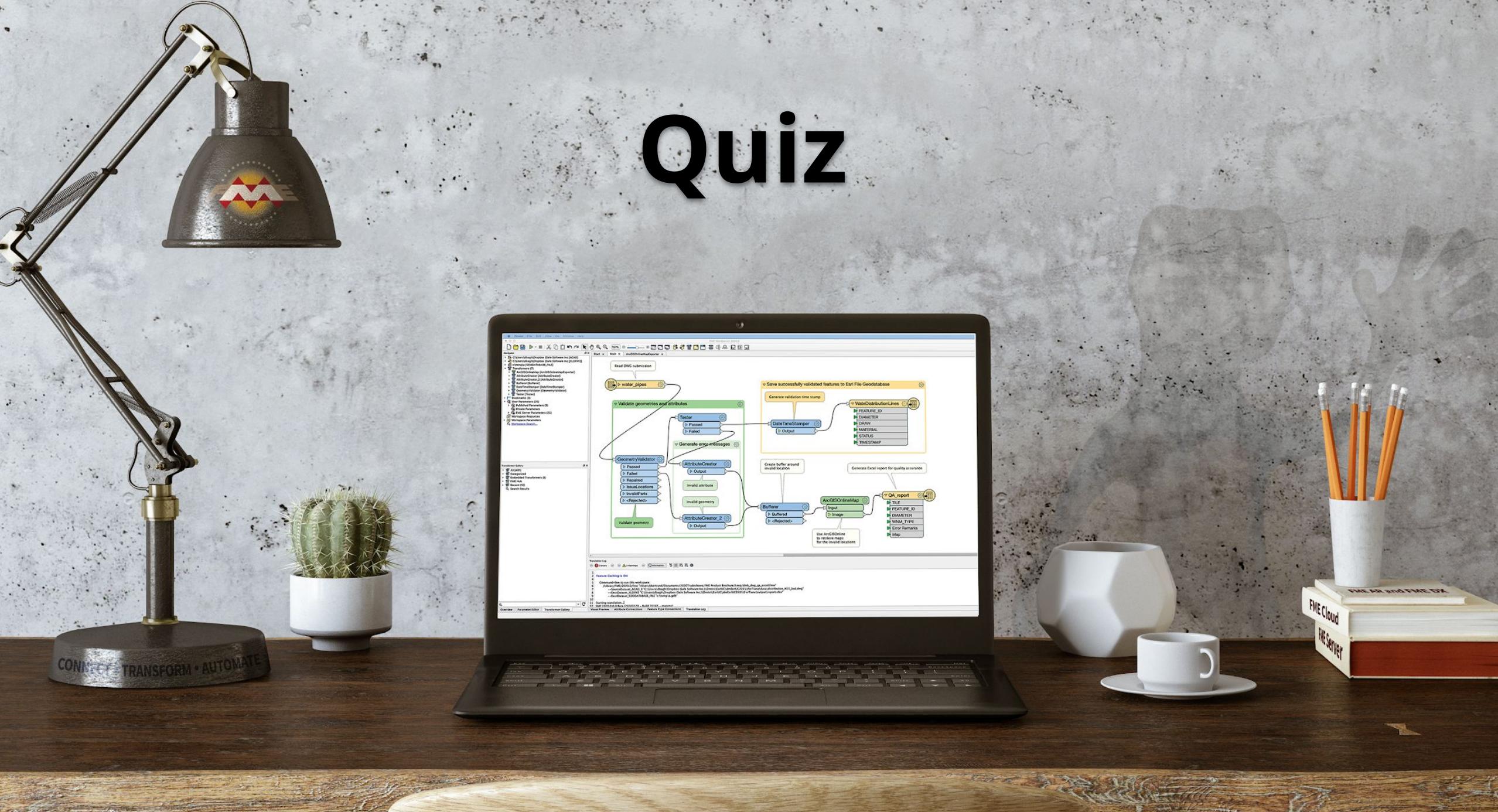


"FME sets the standard for **support** and is the **leader** by far". - Brad

"Very helpful and went **above and beyond** to help find a solution to my request! A+" - Justin



Quiz



Exercises

- FME Academy has download links for workspaces
- But they are already on your virtual machine
 - C:\FMEData2022\Workspaces
- We recommend having FME Academy open on your own computer (not virtual machine), so you can easily keep working on the quizzes after the course
- Use the starting workspaces on your Strigo machine when instructed



Connect to Data

Transform Data

Wrap-Up

Don't forget to finish your quizzes and earn your badge.

The last module, Automate Workflows, shows you how to use FME Server to save time and money. Finish it to complete the trail!



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Thank you!

Please fill out the feedback survey.

Have product feedback? Visit the UX team at their booth this week.

