

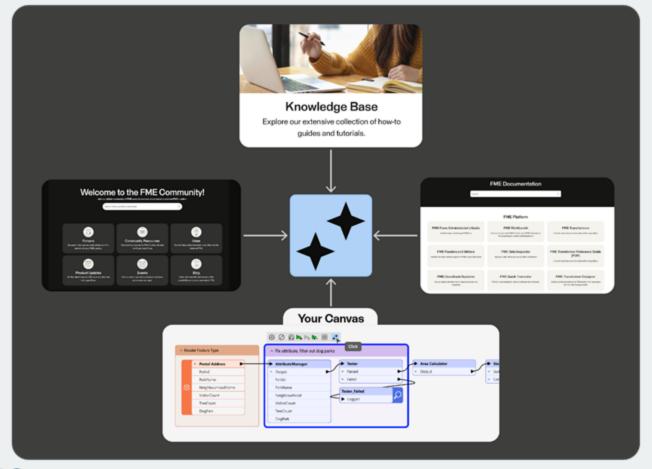
New in FME 2025





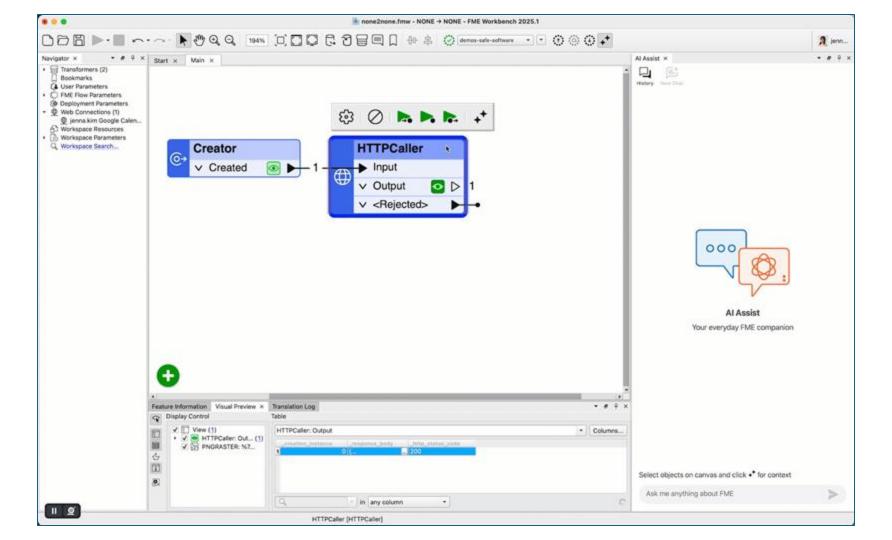


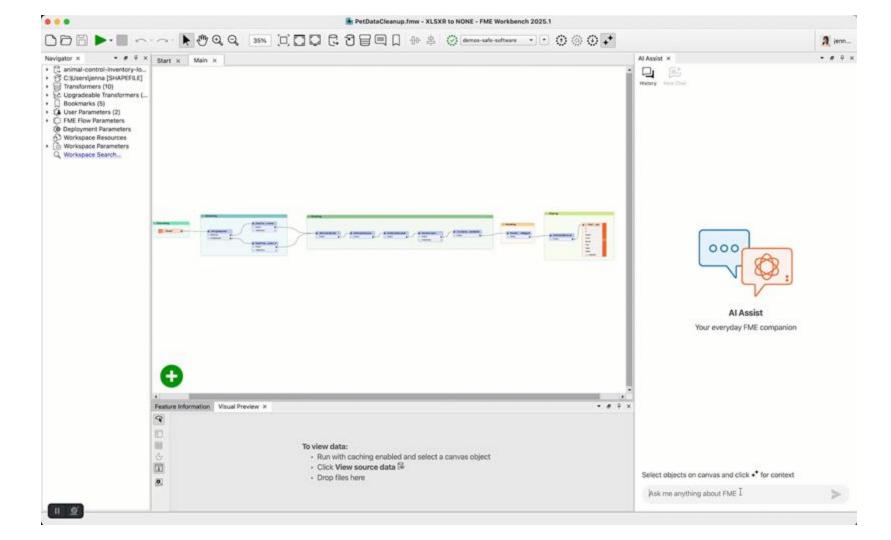














- 1. Source attribution links
- 2. Conversation history
- 3. Canvas awareness
- 4. Actions on Canvas







Document PDF Writer





PDF Tools Today:

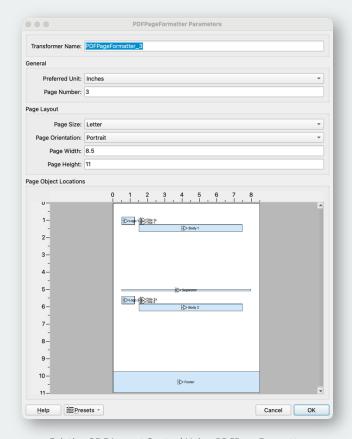
Strong for Maps, Tough for Reports

Current State

- Designed for creating geospatial content (e.g. maps).
- Designed to give users full control over element placement.

Key Challenges

- Very difficult to create reports or text-heavy documents.
- No intuitive path for dynamic, data-driven PDF creation (tables, images, headers, footers).



Existing PDF Layout Control Using PDFPageFormatter —







FME Customer Stories

...made just for you!

Hi Chris!

Companies of all industries around the world are using FME to help solve their data challenges. Here is a handpicked list of some of the top customer stories that can tell you more about how FME was used to help power the flow of data.

What is FME?

FME (aka. Feature Manipulation Engine) is the data integration platform with the best support for spatial data worldwide. It has buill-in support for hundreds of formats and applications as well as transformation tools, allowing users to build and automate custom integration workflows without having to code.



Vancouver International Airport (YVR)

The Vancouver International Airport (YVR) wanted to provide passengers with indoor mapping data via their mobile app.

Using FME, they combined source data from Maximo with CAD. The FME workspaces standardized and performed quality assurance and validation checks (QA/QC) before converting the data into an ArcSDE GIS database.

They published FME workspaces to FME Server to nightly filter, convert, and aggregate floor spaces into new datasets (ArcSDE) that only contain public spaces of the airport, and convert this dataset into GeoJSON for delivery into the YYR Digital Gateway, an enterprise service bus deployed on the Microsoft Azure cloud platform. This dataset is then used for the creation of three final products: the 3D interactive indoor map in their app, an AYF(now IMDF) dataset they submitted to Apple, and a leaflet indoor basemap for yyr.ca.

YVR is one of the first to provide its indoor mapping data to Apple Maps, and its GIS team has proven their innovation by providing a variety of ways to navigate the public indoor spaces of the airport using digital technology.

Vancouver International Airport, Canada, serves over 22 million passengers per year, and has won the SKYTRAX Best Airport in North America award for eight years running.









New Document **PDF Writer**









Bonus! New Word Reader —



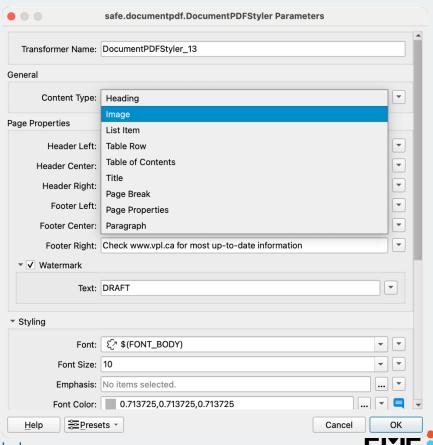


Document PDF Styler

Prepares features for output to PDF:

- Table of Contents
- Headings & paragraphs
- Images & Tables
- Page Numbers
- Headers & Footers
- Watermarks





locusglobal.com

Public Libraries of Vancouver

A Document PDF Demo for 2025 FME User Conference







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Introduction

Brief History of Public Libraries in Canada

Public libraries in Canada have a history rooted in the ideals of education, community service, and access to knowledge. The first public library in Canada was established in Saint John, New Brunswick, in 1883, followed closely by other cities. Many early libraries were built with the help of Andrew Carnegie, the American philanthropist who funded over 100 Carnegie libraries across Canada in the early 20th century.

Before this, access to books was mostly limited to subscription libraries or private collections. As Canada urbanized and literacy rates grew, communities began advocating for **free and public access** to books and information. Provincial governments began supporting library development, especially after World War I, and by the mid-20th century, most provinces had established library legislation and funding models.

Today, public libraries are found in cities, towns, and rural communities across the country. They have evolved into vibrant community hubs, offering not just books, but also digital resources, technology access, educational programs, and social services. Public libraries in Canada continue to uphold their mission of being free, inclusive, and accessible spaces for all.

Public Libraries in Vancouver

The Vancouver Public Library (VPL) has a long and dynamic history that mirrors the growth of the city itself. Vancouver's first official library began in 1887, just one year after the city was incorporated. Initially housed in the Y.M.C.A. on Hastings Street, the collection was modest but marked the beginning of what would become a vital civic institution. In 1903, with funding from Andrew Carnegie, a dedicated library building was constructed at the corner of Hastings and Main Streets. This Carnegie Library not only served as the city's central library for decades but still

Check www.vpl.cs for most up-to-date information





stands today as the Carnegie Centre, continuing to serve the Downtown Eastside community.

As Vancouver expanded through the 20th century, so did the library system. New branch libraries opened in various neighborhoods to meet the needs of a growing and increasingly diverse population. Notable branches such as Kitsilano (1927) and Kerrisdale (1943) became integral parts of their communities. The library's services grew to include multilingual collections, children's programming, and community events, reflecting the changing demographics and interests of Vancouver residents.

A major milestone in VPL's history came in 1995 with the opening of the current Central Library in downtown Vancouver. Located at **350 West Georgia Street**, the new Central Library is a striking architectural landmark designed by renowned architect Moshe Safdie in collaboration with DA Architects. Inspired by the Roman Colosseum, the building features nine stories of reading and research spaces, meeting rooms, public art installations, and a rooftop garden that opened to the public in 2018.

In recent years, the Vancouver Public Library has embraced innovation and inclusivity. The system now offers more than 20 branches across the city and provides a wide range of modern services including digital lending, technology and internet access, creative and maker spaces, and programs supporting lifelong learning, job readiness, and newcomer integration. The VPL has also taken meaningful steps toward equity and reconciliation with Indigenous communities. Today, it stands as one of Canada's largest and most progressive public library systems, welcoming millions of visitors each year both in person and online.

Britannia Library



Vancouver Public Library Britannia

1661 Napier St, Vancouver

Located inside the Britannia Centre just off Commercial Drive and Napier Street. You will need to walk about half a block in from the street to see the building, which is at the South East corner of the complex.

	Hours	
Monday	9:30 am - 8:00 pm	
Tuesday	9:30 am - 8:00 pm	
Wednesday	9:30 am - 8:00 pm	
Thursday	9:30 am - 6:00 pm	
Friday	9:30 am - 6:00 pm	
Saturday	9:30 am – 5:00 pm	
Sunday	9:30 am - 5:00 pm	

Upcoming Closures

- · Friday, April 18, 2025 (Good Friday)
- Monday, April 21, 2025 (Easter Monday)
- Monday, May 19, 2025 (Victoria Day)
- Tuesday, July 1, 2025 (Canada Day)

Thack www.vpl.ca for most up-to-date information





Carnegie Library



Vancouver Public Library Carnegie

401 Main St, Vancouver

Located in the Carnegie Centre on the corner of Main Street and Hastings Street. Book return is available from 9 am - 11pm, Seven days a week

	Hours	
Monday	9:30 am – 8:00 pm	
Tuesday	9:30 am - 8:00 pm	
Wednesday	9:30 am - 8:00 pm	
Thursday	9:30 am – 8:00 pm	
Friday	9:30 am – 6:00 pm	
Saturday	9:30 am - 5:00 pm	
Sunday	9:30 am - 5:00 pm	

Upcoming Closures

· No upcoming closures (Open seven days a week)

Central Branch Library



Vancouver Public Library Central Branch

350 W Georgia St, Vancouver

Located in Library Square which occupies a full city block: bounded by Homer, Hamilton, Robson and Georgia Streets.

	Hours	
Monday	9:30 am - 8:30 pm	
Tuesday	9:30 am - 8:30 pm	
Wednesday	9:30 am - 8:30 pm	
Thursday	9:30 am - 8:30 pm	
Friday	9:30 am - 6:00 pm	
Saturday	10:00 am - 6:00 pm	
Sunday	11:00 am - 6:00 pm	

Upcoming Closures

- · Friday, April 18, 2025 (Good Friday)
- · Monday, April 21, 2025 (Easter Monday)
- · Monday, May 19, 2025 (Victoria Day)
- Tuesday, July 1, 2025 (Canada Day)

Check www.vpl.cs for most up-to-date information

Check www.vpl.cs for most up-to-date information





South Hill Library



Vancouver Public Library South Hill

6076 Fraser St, Vancouver

Located on Fraser Street at East 45th Avenue.

	Hours	
Monday	9:30 am – 6:00 pm	
Tuesday	9:30 am – 8:00 pm	
Wednesday	9:30 am – 6:00 pm	
Thursday	9:30 am – 8:00 pm	
Friday	9:30 am - 6:00 pm	
Saturday	9:30 am – 5:00 pm	
Sunday	9:30 am - 5:00 pm	

Upcoming Closures

- · Friday, April 18, 2025 (Good Friday)
- · Monday, April 21, 2025 (Easter Monday)
- Monday, May 19, 2025 (Victoria Day)
- · Tuesday, July 1, 2025 (Canada Day)

Terry Salman Library



Vancouver Public Library Terry Salman

4575 Clancy Loranger Way, Vancouver

Located inside the Hillcrest Community Centre on Clancy Loranger Way.

	Hours	
Monday	9:30 am - 8:00 pm	
Tuesday	9:30 am - 8:00 pm	
Wednesday	9:30 am – 8:00 pm	
Thursday	9:30 am - 8:00 pm	
Friday	9:30 am - 8:00 pm	
Saturday	9:30 am - 5:00 pm	
Sunday	9:30 am - 5:00 pm	

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Check www.vpl.cx for most up-to-date informati

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Data Virtualization

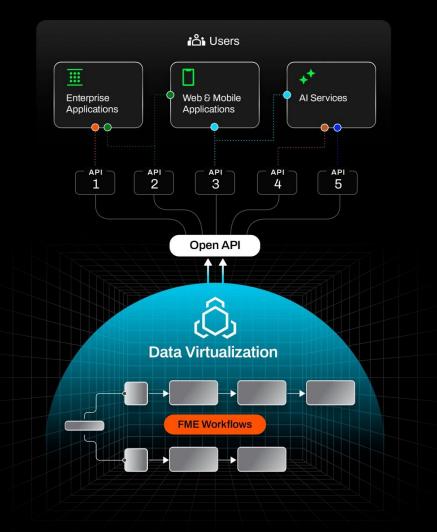




Bring the Power of the FME All-Data, Any-Al to Any Application.









Key Benefits

Simplified Data Access, Not Limited to Read-Only

Give users a single, secure point to access data from across your systems
—no complexity involved—supporting data retrieval, creation, updates, and deletion.

Streamlined Innovation

Empower teams to build APIs without writing custom code or deploying new infrastructure.

Increased Data Trust and Control

Ensure every user and system only accesses the data they're authorized to see.

Real-Time Access Without Replication

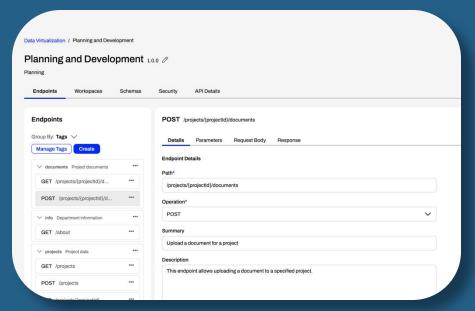
Deliver live data from FME workflows—no copying, no syncing, just results.





Key Capabilities





Data Virtualization in FME Flow

Create Custom Views of Data

Use the power of the FME Platform to access any system without writing code. Expose only the data you want filter out sensitive or irrelevant fields for better security and usability.

Caching and Asynchronous Processing

Speed up results and reduce backend strain with caching and asynchronous processing, giving application developers choice.

AI-Ready OpenAPI Endpoints

Built on an open standard, enabling AI tools to query and understand data using natural language.











Use **Cases**

Secure Data Exchange

Streamline secure data sharing with partners, auditors, or regulators using governed, API-based access.

Web Applications & Dashboards

Power your apps with always-fresh data from any source, unified on demand.

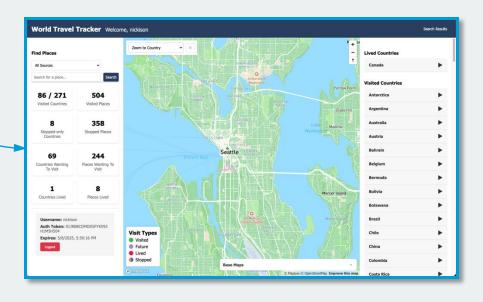
Al Assistants & Agents

Let AI tools safely query business systems using natural language, with access to real-time, curated data.



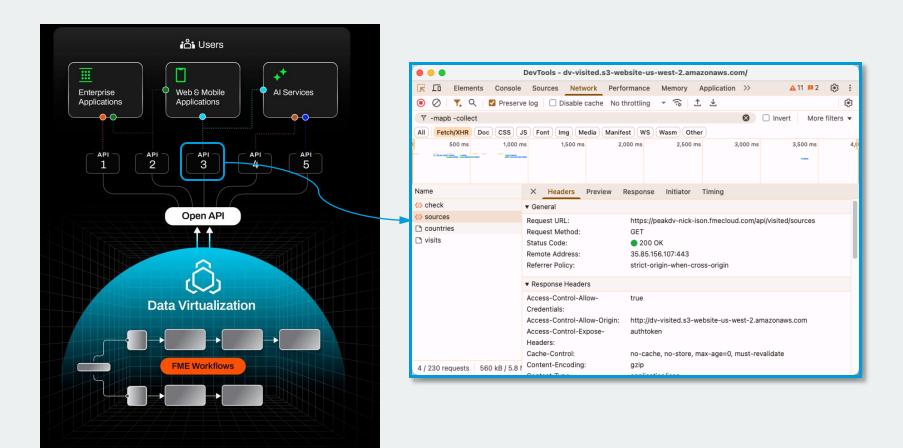






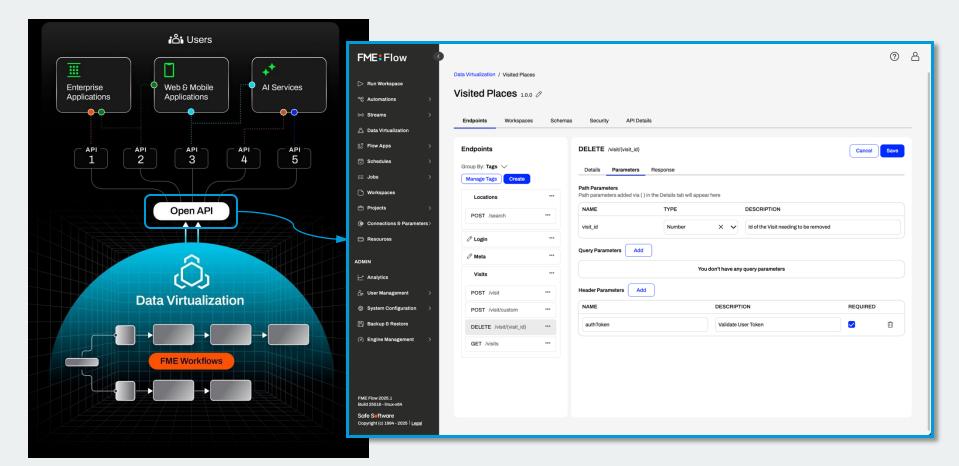






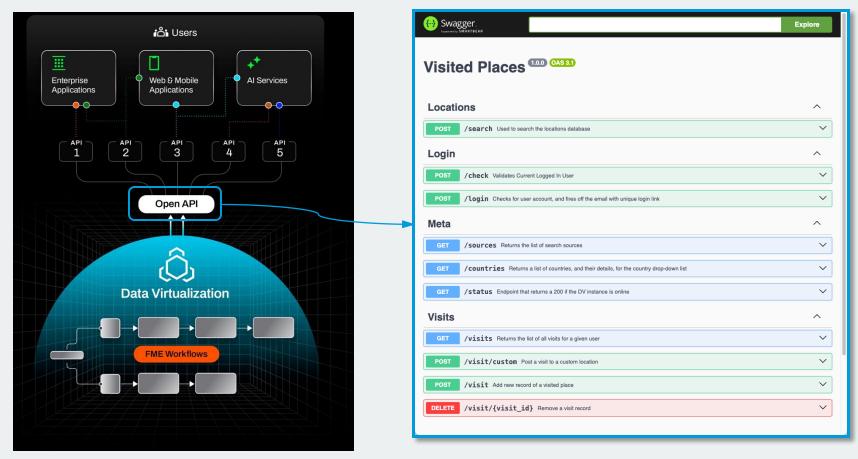


























Introducing

FME Realize

A New Way to Experience Your Data





FME Realize:

Augmented reality for the FME Platform

- See, understand, and interact with your data in the real world.
- Powered entirely by FME Form and FME Flow.
- FME Realize completes the FME Spatial Computing Platform.













Author with FME Form.

Deliver with FME Flow.

Experience with FME Realize.





















Take any data

Transform in FME Form

Publish to FME Flow

Experience in FME Realize







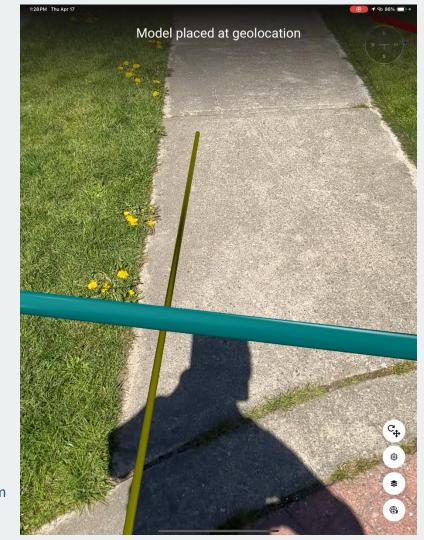




From Data to Experience

- Model Adjustment (seen in the video)
- Use aerial/satellite imagery for model placement
- AR for Spatial Quality Control
- AR for Attribute-based Quality Assurance





Beyond what comes in the Box

From here, it's up to you — your data, your workflows, your imagination.

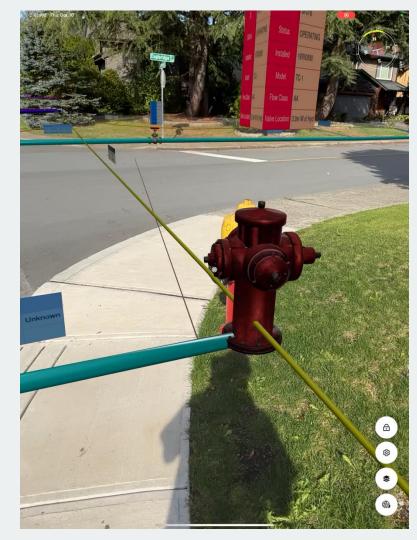




HTML Modal

- Customize your Experiences
- View Attributes
- Your Static Pages
- External Static Pages
- Connect to IoT Devices
- System Integration (seen in the video)
- Al + Audio Notes
- AI-based QA for Smarter Data Validation
- Field Notes, Sketches, & AI All in One Workflow







Feature	Release Date
PDF Document Writer	Available now FME 2025.0
AI Assist	Available now FME 2025.1 beta
Multi Language Support	Available now FME 2025.1 beta
Any Al Highlight	Available now FME 2025.0
Snowflake Remote Engines Service	Coming Soon Snowflake Marketplace
Data Virtualization	Available now FME 2025.1 beta
FME Realize	Available now FME 2025.1 beta











In today's world you need choice.

Safe Software

Strive to give you more choice than anyone.











The Future?









Development Scheduled —



— In Evaluation —











FME Product Vision

- Making FME instantly powerful and productive
- You (the Users) are partners in defining the roadmap!
- Make FME the most capable and connected AI platform for data workflows
- Making FME easier to learn and use

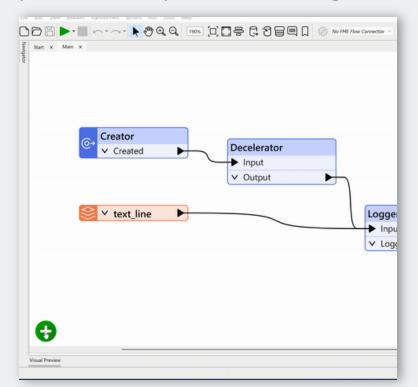


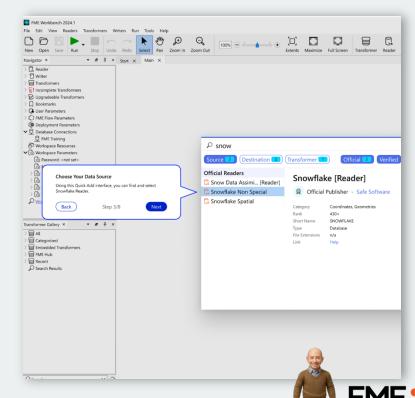


Instant Value: Users experience early wins.

Use preloaded templates, auto-run, guided workflows, and more.



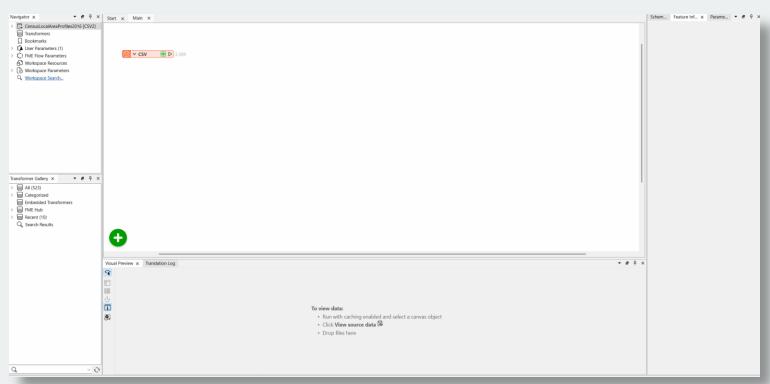






AutoRun in Action



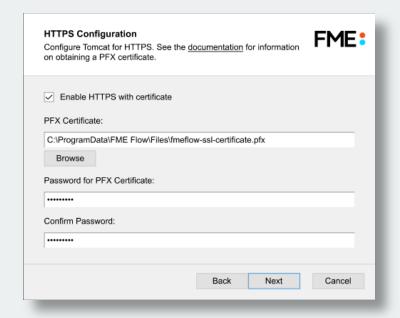






One Click HTTPS Configuration





Improved usability for SSL configuration in the FME Flow Installer, simplifying setup and reducing friction for administrators securing their deployments.

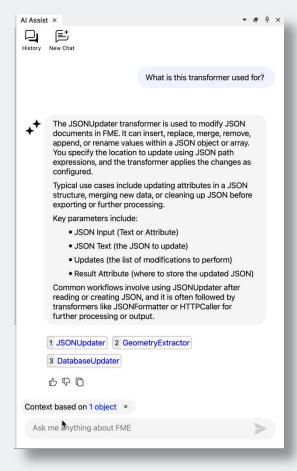


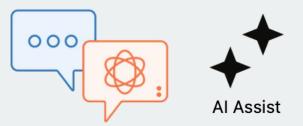


The Al Journey Continues









Context-Aware, Built into FME Form.









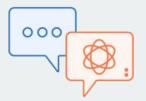


Expanding on what we launched in the Keynote to make AI Assist even smarter and more integrated.

- AI-Powered Assistance: Access generative AI capabilities directly within any parameter that uses a text editor.
- Data Specific Suggestions: Context-aware responses tailored to the specific transformer and parameter you're working with.
- Faster Authoring: New canvas actions designed to simplify your workflow.

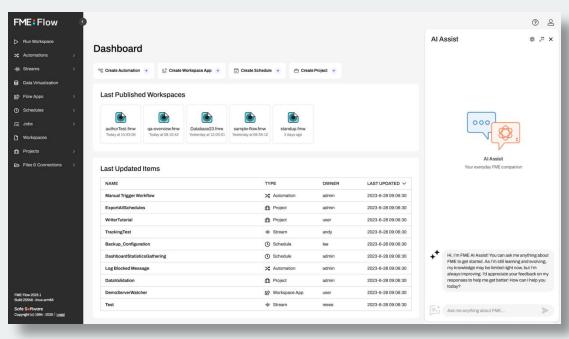






FME Flow





Bringing AI Assist to Flow for the first time—helping you succeed faster with personalized, contextual support.

- Onboard new users faster with contextual guidance.
- Suggest relevant help articles and KB content.







Improve Observability



on FME Flow

Natural language insights for better system health and faster debugging.

- Understand logs without digging through raw text
- Get system insights instantly using natural language
- Pinpoint root causes of errors faster
- Access server stats like job counts, and run times via natural language







FME Realize Where Data Meets the Real World





Simplified Toolbox for Spatial Computing





Reducing the friction for authors to create rich, interactive AR workflows and unlock the power of spatial computing.

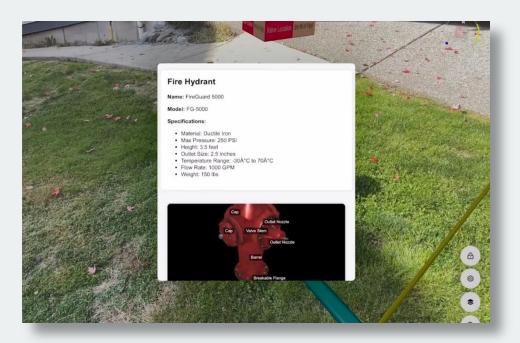
- Authors will easily embed spatial computing tools directly into FME Realize experiences.
- Simplified, no-code workflow.











Moving beyond static AR scenes — users interact dynamically with their environment.

- Support for loading additional models or assets when interacting with an AR scene.
- Goal: Make spatial computing responsive, not just a static display.



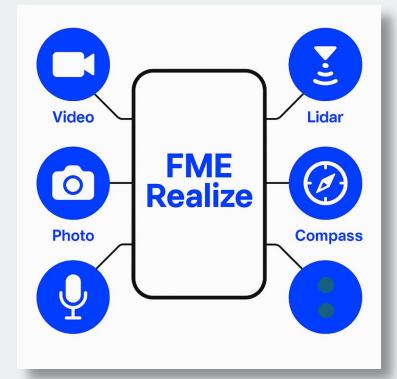




All Device Sensor Data

Bringing data capture and data visualization together.

- Turn FME Realize into a spatial mapping tool with lidar-enabled capture.
- Collect point clouds, measure real-world dimensions, and map environments all within the FME Platform.









Model Context Protocol (MCP)

A structured, secure interface for letting AI assistants interact with real tools and data.







We're exploring how AI transformers in FME—like the OpenAIConnector—could connect to external MCP servers to enrich prompts with structured, real-time data.

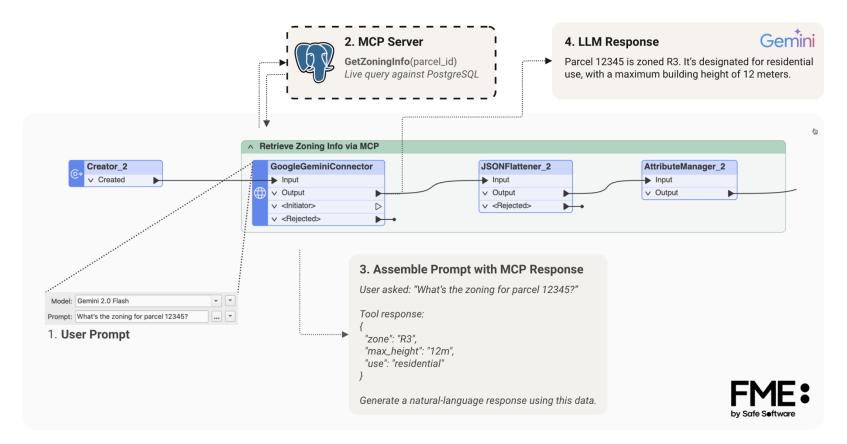
- **Discover & Use Tools Dynamically** An AI transformer could query the MCP server, see available tools (e.g., GetZoningInfo), and inject results into prompts.
- **Eliminate Manual API Handling** No HTTP calls, parsing, or schema wrangling—just select the tool and go.
- **Low-Code, Context-Aware Workflows** This would allow users to enrich prompts with real-time, business-specific data—without leaving the transformer.





Al Prompt Enrichment via MCP in FME







FME Flow as an MCP Server

We're exploring how FME Flow could expose workspaces as MCP tools—allowing AI assistants to securely trigger them in real time.

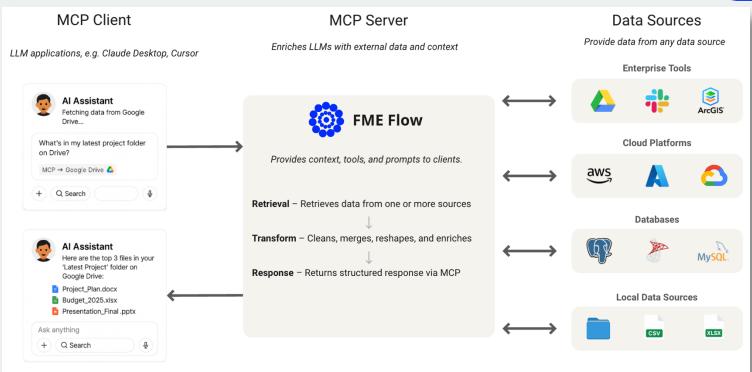
- **Workspaces Become Tools** Each published workspace could be registered as an MCP tool, with parameters and resources mapped automatically.
- **Instant Capability Discovery** Al assistants could query FME Flow to discover available tools, what data they operate on, and when to use them.
- **No Glue Code, Just Upload & Connect** Users would simply attach a workspace to an endpoint—FME Flow handles the rest.





Connect your Al to your Data













New Formats





Al Connectors

Support all AI Services across text, vision and speech.







Video

Indexer





Vision





Language

OpenAl Intelligence







Translator



Speech





Bedrock





Amazon Rekognition Video & Image



Amazon

Comprehend



Textract



Amazon

Transcribe



Amazon Translate

Google Cloud



144

Natural

Language





Video Intelligence









Document Al

Translation

OpenAl

ANTHROP\C









Top reasons why new IFC writer is improvement over legacy writer:

- Comprehensive IFC 4x3 support
 - materials support.
 - built in CRS support,
 - full alignment support
- Simplified model that matches support revit reading / writing
- Built in IFC validation
- Better error logging
- More comprehensive schema support
- Built on industry standard library, better integration with other building smart compliant tools









From Data to Depth

We're upgrading FME's 3D viewing experience from the ground up—delivering quality rendering, smoother interaction, and new tools.

- Enhanced rendering engine for better visualization
- Improved 3D navigation tools in Data Inspector for precise manipulation
- Multiple rendering modes to suit different workflows and visual needs







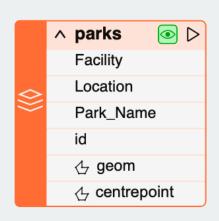




Geometry as an attribute

In the vast majority of databases geometry is an attribute type

- Each geometry has a name
- Any number of geometry attributes per table.











Introducing a Quarterly Release Cadence

Starting in 2026, FME will move to a quarterly release model, giving you faster access to improvements on a reliable schedule.

- Four releases per year March (.1), June (.2), September (.3), December (.4).
- **Simple, time-based versioning:** YYYY.Release.Update (e.g., 2026.2.1).
- Every release treated equally: No large ".0" releases—each quarterly update is production-ready.







Predictable Critical Updates for Every FME Release

Starting with 2026.1, every FME release will receive two years of security and critical bug updates.

- Two-Year Critical Fix Window- Each quarterly release (e.g., 2026.1, 2026.2) will receive patches for two years after initial release.
- **Predictability-** Today, fixes are informal and mainly tied to the latest release—this new policy formalizes patch support for the first time.
- Patching Will Require Reinstall at First To apply patches initially, customers may need to install an updated FME version.







Building Patching into the Future of FME

We're exploring patching for FME Form and FME Flow—making it easier to apply critical patches without full reinstallations.

- Apply Patches In-Product Install fixes directly within FME Form or Flow.
- Reduce Downtime and Upgrade Effort Eliminate the need for full reinstalls to stay protected and current.
- Supports Long-Term Enterprise Stability Makes it easier to stay compliant, secure, and operational on supported versions.







Toward a Lighter, More Flexible Installation

We are exploring ways to break FME into installable modules—giving customers more control over what's installed and improving upgrade flexibility.

- Install only what you need reduces footprint and deployment complexity.
- Improves security and compliance avoid installing unused libraries if not needed.
- Prepares for future improvements like in-product updates and simplified patching.







FME Organizations



A unified model for managing users, access, and deployments across all FME products.

- **Empowers Admins** Self-service user management, MFA, and feature controls (e.g., disable AI Assist, control FME Hub access).
- **Simplifies Licensing** Centralised licensing for the FME platform.
- **FinOps** Manage and track growth of deployments so you there are no surprises at renewal time. (# of FME Form, # of FME Flow engines, CPU Time Usage).
- **Enterprise SSO Integration** Incorporate your organization's users and groups from an authentication service (e.g. Windows Active Directory).





Early Adopter Program: Shaping the Future of FME Together



Program Highlights

- **Early Access, Real Impact**: Shape the future of FME by testing new features before release.
- Collaborative Feedback Opportunities: Share input through guided forums, feature polls, and optional 1:1 chats with Safe's product team.
- Recognition & Community Perks: Get acknowledged in product updates, receive swag and join a growing network of engaged users.





How to Get Involved

- Located on the FME Community:
 Hosted in a private space at community.safe.com.
- Program Rollout
 - Pilot Launch (June): 50–100 users, test processes and gather feedback
 - **Scaled Expansion (Late 2025):** We'll grow to 200+ members across industries.
- User Selection & Application:
 Participants will apply through a short intake form to help us build a diverse, high-impact group.





