

FuseCommand Facility Analytics Platform

Comprehensive multi-facility performance monitoring, real-time analytics & forecasting

Multi-facility environments such as cities, universities, utilities, hospitals, mines, industrial plants, and other facilities need to provide thousands of daily users with safe, comfortable and efficient surroundings. Complex infrastructure, multiple data sources and complicated regulatory environments make this a challenge. The FuseCommand facility analytics platform for multi-facility environments enables asset-focused and building-heavy organizations to optimize utilities, transportation, building use and user behavior through advanced data services and analytics expertise rendered in a comprehensive, single pane command center view via an intuitive digital twin interface.

Features



Provides real-time visibility and insights



Enables data-led decision-making



Predicts issues before they happen

Making multi-building complexes healthy and safe

Information streamed from multiple data points, assets and building complexes enables managers to ensure locations remain clean, ventilated and uncongested.

- Digital twin for constant 360° visualization of a physical asset
- Remote air quality, occupancy and hazard monitoring
- Real-time alerts enable intervention as soon as required

FuseCommand
Learn More



Ensuring efficiency, sustainability & cost-effectiveness for ESG

Real time data coupled with performance analytics helps building managers meet ESG goals, while reducing operational, environmental and maintenance costs.

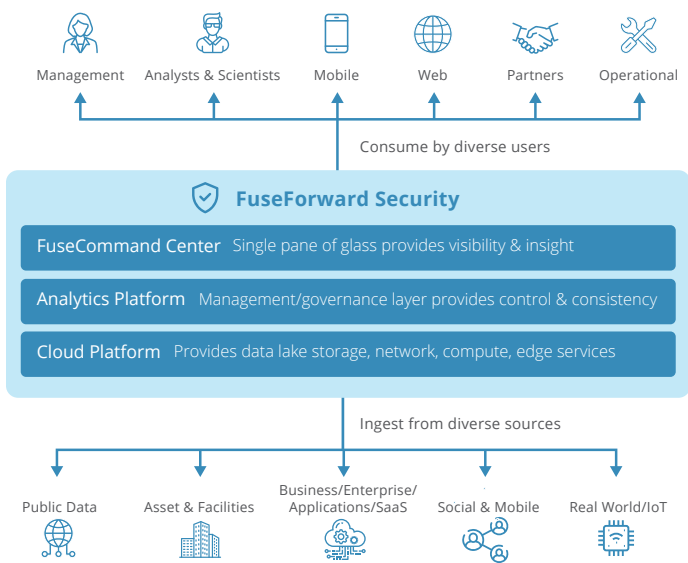
- Ingests and analyzes large volumes of data from a wide variety of sources
- Facilitates achievement of energy consumption and ESG goals
- Provides comprehensive overview of building performance and spend

Enabling optimal operational performance

Predicted performance analytics and historical analysis identify potential issues and maintenance needs ahead of time, minimizing disruption and increasing asset lifespan.

- Enables system operations management in real-time
- Optimizes staff time and reduces maintenance costs
- Improves asset reliability

Our FuseCommand Platform



Benefits



Speed-to-value

Our patented approach enables delivery of sophisticated projects in months rather than years.



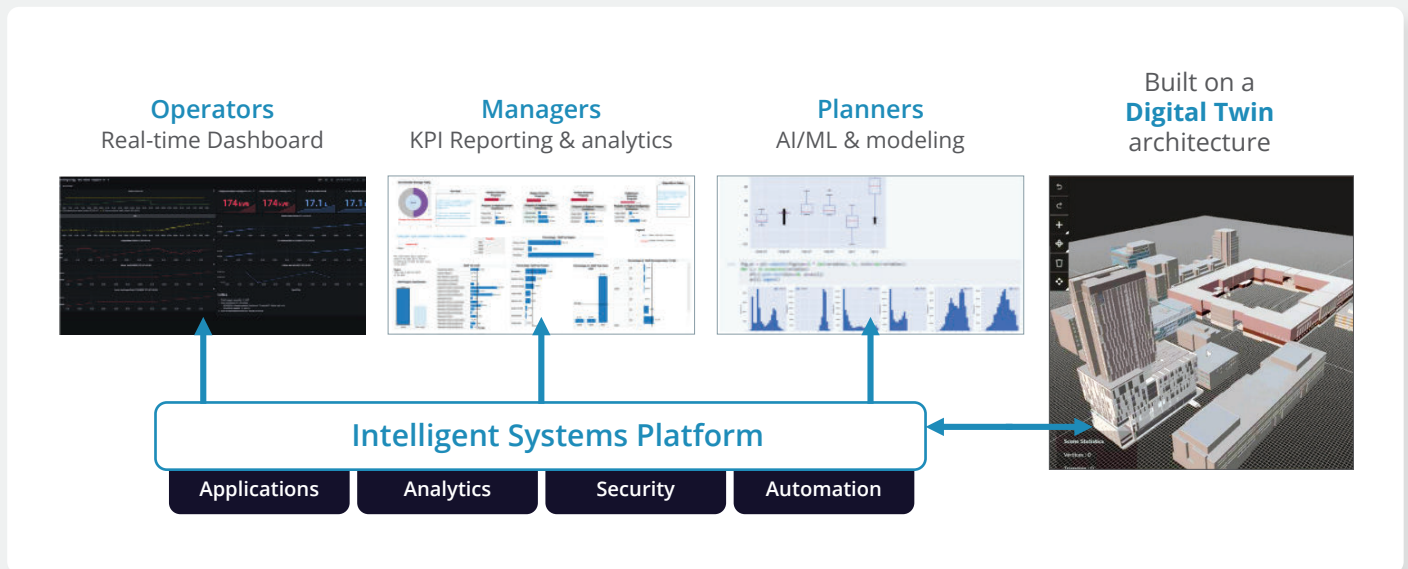
Predictive pricing

We offer subscription-based, multi-tenant, and dedicated options, meaning you'll always know how much you're spending.

How it works

FuseCommand

- Management console, operator workbench, planner tool: Multiple views for different users
- Digital twins: provides an intuitive and interactive 3D experience
- Real-time single pane visibility into performance, process efficiency and asset management



Analytics Platform

- Unlimited data ingestion from 100,000+ sources
- AI/ML simulation & prediction
- Governance layer for greater control and consistency

Cloud Platform

- Data lake or data commons storage, network, compute and edge services
- Secure migration, management, and operation of application workloads
- Safe cloud environment for data and applications
- ISO 27001 compliant, military grade security system enabling access control, single sign-on & multi-factor authentication

Success story

Toronto
Metropolitan
University

Smart Campus Development for Toronto Metropolitan University

FuseForward worked with Toronto Metropolitan University to support their smart campus project with advanced data services & analytics expertise for 60+ buildings & over 50,000 students

- Created a digital twin replica based on building, infrastructure, location and transportation data.
- Ingested and stored more than 8.4 million records per day with a tenfold increase in data retention
- Provided an in-depth view of building energy consumption, environmental performance, airflow, and potential congestion in a single interface.



About FuseForward

FuseForward provides facility managers with a data-driven, AI/ML-based intelligent real-time performance and analytics platform. A single-pane command center view of complex multi-facility asset data through a digital twin interface enables monitoring, situational analysis, forecasting, and predictions, helping managers, operators, and planners to optimize operations.

Based in Vancouver, Canada, we have 25 years' experience in the implementation of innovative solutions for asset-heavy industries and lead the Intelligent Systems Alliance Research Network, a network of academics and industry experts with a passion for applying advanced analytics to concrete, real-world needs within the built environment.

Find out more about us at FuseForward.com

Contact us today

