Informatica

Infographic

The Road to Gigabit America: Frontier's Cloud Modernization and AI Journey

Frontier Communications is pioneering the path to digital transformation with a clear objective: "Building Gigabit America." Discover how the organization fast-tracked digital transformation, upgraded to a cloud-first data stack and improved master data management.

Hear from Jesse Ross, VP of Information Technology at Frontier Communications, as he shares the company's evolutionary journey towards a well-connected future with a modern data lakehouse and generative AI (GenAI).

Solution

Frontier Communications turned to Informatica to unlock the power of its most valuable asset: data.

> "Informatica played a role in two big ways: One was data pipelines and data transformation. We have a lot of systems at Frontier and we were doing several divestitures and acquisitions. Transforming data was very important — it needs to be timely with high degrees of quality. And then mastering complex data and making that data available at scale to our front-end digital applications was super important. So, both the data transformation tools and master data management tools helped us achieve our goal."

Results

Fast data management efficiency with cloud modernization

"Informatica plays a key role in how we bring all data together in a data lake on the cloud."

Strong business outcomes with AI and cutting-edge tools

"You need a data lake for GenAI and it's really important to have the data clean and available."

Enhanced customer experience with a single source of business data

"Data drives everything that we do, including key business processes with our customers to keep them up to date. And making data available in a single, secure place and in a more real-time fashion than the traditional approach is where a lot of our focus is."

Flexible scalability with advanced data architectures

"GenAI and chatbots put a lot of stress on your back-end system. You need to be thinking one or two years ahead of how you're going to scale to handle that volume. This is where the microservices, caching and an event-driven architecture come into play."

Easy data discovery with a readily accessible API gateway

"APIs are a big part of transformation and making the data available and discoverable — having an API gateway that's available with an API portal makes it easy for engineers at the company and the companies that we do business with to discover and subscribe to relevant APIs."

Take your business to new heights with cloud modernization and AI.

WATCH WEBINAR

Source: **Informatica, From vision to reality: Frontier's path to "Building Gigabit America" with cloud modernization and AI, 2024**

Where data & AI come to LIFE

Informatica

Informatica (NYSE: INFA) brings data and AI to life by empowering businesses to realize the transformative power of their most critical assets. When properly unlocked, data becomes a living and trusted resource that is democratized across your organization, turning chaos into clarity. Through the Informatica Intelligent Data Management Cloud™, companies are breathing life into their data to drive bigger ideas, create improved processes, and reduce costs. Powered by CLAIRE®, our AI engine, it's the only cloud dedicated to managing data of any type, pattern, complexity, or workload across any location — all on a single platform.

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