



Leveraging Data Excellence for Optimal Healthcare Delivery


Background:

Midwest Vision Partners (MVP), a prominent eyecare provider serving diverse communities across the Midwest, embarked on a transformative journey to enhance operational efficiency and patient care through advanced data analytics. With a network comprising 140 MDs, optometrists, and ophthalmologists, MVP faced challenges in integrating and managing data from multiple systems, necessitating a robust solution for seamless data management and analytics.

Challenges:


- 1. Data Integration Complexity:** Managing disparate data from NexTech EHR, Veradigm PM, MyVisionExpress (optical software), and ADP posed integration challenges, hindering comprehensive insights and decision-making.
- 2. Operational Efficiency:** Limited visibility into critical metrics impeded proactive management of patient care, resource allocation, and financial performance.
- 3. Scalable Solution:** MVP sought to avoid internal investment in a data warehouse, opting instead for a scalable, cost-effective solution to centralize and analyze data effectively.

CLIENT OVERVIEW

 **Organization:** Midwest Vision Partners (MVP)

 **Location:** 18 different locations across the Midwest

 **Website:** midwestvision.com

 **EMR System:** Veradigm (formerly AllScripts)



The Objectives:



- 1. Centralized Data Management:** Establish a unified data lake to integrate and consolidate data from diverse sources enabling comprehensive analytics, enhancing reporting capabilities, and providing a flexible platform for downstream integrations.
- 2. Customized Analytics:** Provide tailored reporting solutions for each practice to optimize clinical workflows, enhance operational efficiency, and support strategic decision-making.
- 3. Scalable Infrastructure:** Implement a Data Lake as a Service model to support current needs and future growth, ensuring flexibility and scalability in data management.

Combining these **three modules** within the focus platform **enabled MVP to harness the full potential of their data**, setting a benchmark for excellence in eye care services.



This case study exemplifies the transformative power of integrating advanced data solutions in healthcare, **paving the way for enhanced patient care, operational success, and organizational innovation.**

IMPLEMENTATION PHASES

- 1. Focus Data Deployment:** Partnered with a leading provider to implement a robust Data Lake as a Service, consolidating data from NexTech EHR, Veradigm PM, MyVisionExpress, and ADP seamlessly and securely.
- 2. Focus Insights:** Pre-purchased frontend dashboard services to deliver customizable analytics and actionable insights, empowering providers with real-time data-driven decision support.
- 3. Focus Connect:** Collaborated closely with IT experts to ensure smooth integration and synchronization of data streams, optimizing operational transparency and efficiency, and enhancing interoperability between systems.
- 4. Leadership and Strategic Vision:** Appointed a new VP of IT to lead a comprehensive 2024 planning session, focusing on optimizing data utilization strategies and enhancing IT infrastructure alignment with organizational goals, driven by Focus Workflow.

RESULTS:

- 1. Enhanced Operational Insight:** Improved visibility into key performance indicators facilitated proactive management of patient care, resource allocation, and financial operations.
- 2. Data-Driven Decision Making:** Empowered providers with customizable analytics, enabling them to optimize clinical workflows, enhance patient outcomes, and drive operational efficiencies.
- 3. Cost and Efficiency Gains:** Streamlined administrative processes and reduced IT overhead costs with a scalable Data Lake as a Service model, supporting agile business operations and scalability.
- 4. Strategic Advancement:** Positioned MVP for future growth and innovation by leveraging advanced data analytics to continuously improve patient care quality and organizational performance.

CONCLUSION:

In conclusion, the successful implementation of the focus platform at Midwest Vision Partners (MVP) highlights the critical role of the Insights, Connect, and Workflow modules in revolutionizing healthcare delivery. The Insights module empowered MVP with enhanced visibility and customizable analytics, enabling healthcare providers to make informed, data-driven decisions that optimize clinical workflows and patient care. By translating complex and disparate data into actionable insights, MVP was able to proactively manage key performance indicators, ultimately improving patient outcomes and operational efficiency.

Moreover, the Connect module fostered collaboration and communication among the wide network of 140 MDs, optometrists, and ophthalmologists, breaking down barriers created by data silos. This integration encouraged a culture of teamwork and transparency, allowing specialists to work together more effectively and respond swiftly to both patient needs and organizational challenges.

Lastly, the Workflow module played a vital role in streamlining processes and automating administrative tasks, thus reducing operational overhead and enhancing efficiency. This scalability and agility in workflow management not only facilitated immediate gains in efficiency but also positioned MVP for sustainable growth and continuous improvement in service delivery.

Learn more about a strategic partnership today

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