

Care Gaps in Healthcare -Exafluence Solution & Platform

Part 2

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Exafluence's Care Gaps Solution:

To mitigate the care gaps, Google Cloud and Exafluence have developed a Care Gaps solution using MongoDB that helps identify and resolve care gaps before they lead to more costly and serious medical needs. Exafluence's innovative solution leverages advanced analytics and artificial intelligence to identify and close care gaps effectively. The solution combines the power of data integration, predictive modeling, and real-time analytics to provide healthcare providers with actionable insights into their patient populations.



The Exf-Care Gap Service is a powerful microservice implementation that leverages FHIR integrated data as a single patient or patient group bundle. By applying clinical quality rules and respective profiles to determine if conditions are met or not, it can effectively determine the measures necessary to close care gaps that may exist. The solution's standardized FHIR-based operating model helps integrate into provider systems with ease. This makes care gap information available at the point of care or for patient engagement systems, allowing for proactive measures and empowering patients to take control of their healthcare.



The key features of the solution are:

Robust care rules engine

- API-based rules engine implements the FHIR Clinical Reasoning Module along with a Clinical Quality Language interpreter.
- 🔮 Custom rules for care quality/gap

Rapid data integration & deployment

- Deploy quickly with FHIR compliant, REST API-based Solution
- Seasy workflow and EHR integrations
- Leverages Google Cloud's HDE to integrate clinical data from disparate health systems to create a longitudinal patient record

Interactive FHIR systems

- arsigma Live and interactive FHIR-based systems including end-user applications such as patient portal web app
- Rapid integration into SMART on FHIR apps

Secure Performance

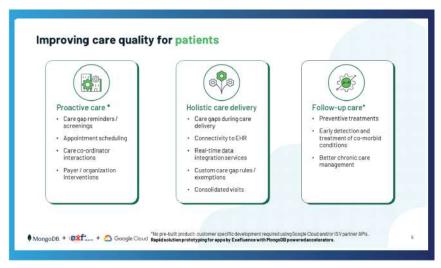
- Apigee X for API gateway security with traffic monitoring, bot identification
- Real-time response in microservice
- Secure data encryption with MongoDB compliant with HIPAA
- 🔮 Easy quality compliance submission
- 🔮 Multiple resource profiles

With well identified care gaps available at the point of care, providers can deliver high quality and affordable care to the patient community. They can also effectively manage the medical needs of members, at lower costs and achieve high quality ratings.

Benefits of Exafluence's Care Gaps Solution:

Exafluence's Care Gaps Solution offers several benefits that are transforming the healthcare landscape:

Improved Patient Outcomes: By identifying and addressing care gaps promptly, healthcare providers can deliver more effective and timely care. This leads to improved patient outcomes, reduced hospital readmissions, and better overall health management.





Cost Savings:

Closing care gaps can result in significant cost savings by preventing unnecessary hospitalizations, emergency department visits, and expensive interventions. The solution helps healthcare organizations optimize resource utilization and allocate their budgets more efficiently.

Enhanced Care Coordination:

The real-time analytics and predictive capabilities of Exafluence's solution facilitate better care coordination among healthcare teams. Providers can collaborate seamlessly, share patient information, and coordinate interventions to ensure comprehensive and holistic care.



Conclusion :

Exafluence's Care Gaps Solution is revolutionizing the healthcare industry by addressing a critical challenge in the delivery of care. By leveraging advanced analytics, data integration, and real-time monitoring, the solution enables healthcare providers to identify and close care gaps proactively. This leads to improved patient outcomes, cost savings, and enhanced care coordination. As the healthcare industry continues to evolve, solutions like Exafluence's are crucial for unlocking the full potential of data-driven healthcare and creating a brighter future for patients and providers alike.

