

GRN Fusion

Pull data securely and readily without IT support

Maintain data governance and oversight, yet eliminate the drains of programming, verification, and exports to support research

Meet the challenges of frequent data transfer with a purpose-built system that has the ability to manage volume increases, ensure privacy and security, and handle future growth.

We know your headaches. Every data project requires a cumbersome formal request. Pushing data is a hassle, regardless of where you're pushing and why. A decline in IT support often happens because your project just isn't high enough in your health system's queue. And that's just to name a few.

Depending on a multitude of different factors, your data request could be immediate. More likely, it may take several weeks or months before your request is even reviewed, not to mention approved, prioritized and fulfilled.

Now, there's an answer. If you are a member of Guardian Research Network (GRN), a nation-wide consortium of community health system members, GRN Fusion can be obtained directly from GRN.

Proven, purpose-built data resources

GRN's proprietary software, GRN Fusion, is a secure data extraction app to save your organization time, effort and money, while returning accurate data and reliable results for your clinical research.

Our experienced technology and data experts created GRN Fusion specifically to deal with the issue of data transfer within our consortium of health system members. GRN Fusion minimizes the tasks for your IT groups and provides summary documentation of the data:

- Scope and types of data requested
- Project/program list to use data
- Statistics of data contents

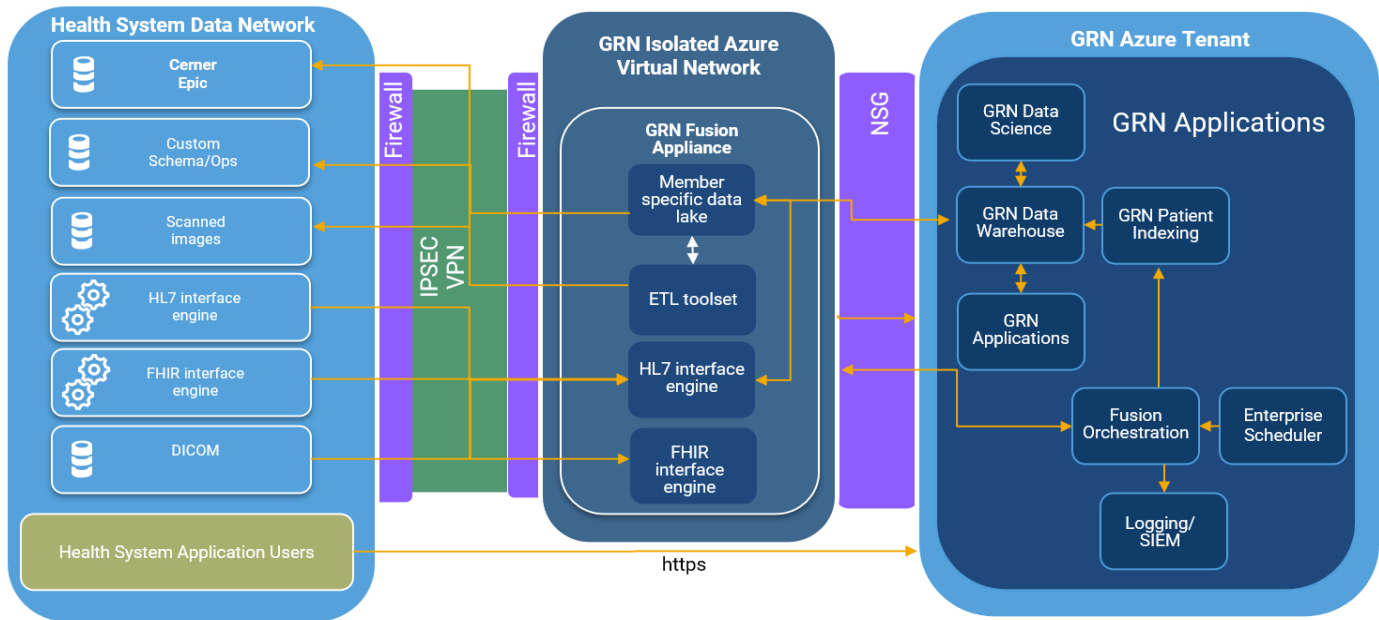


GRN FUSION OFFERS QUICK WINS WITH IT

Through the proprietary extraction and encryption tool created by GRN's experienced data scientists, Guardian Research Network members access GRN Fusion and readily see results from IT colleagues no longer burdened with cumbersome data transfers.

- **Data and Information Technology.** Take the burden of data extraction and frequent data transmission off of your organization and its IT team. GRN Fusion takes in large volumes of patient data, cleans and harmonizes it with advanced data quality tools and innovative NLP/AI efforts, then sends back potential matches to your researchers for trials, as well as other data projects or population health efforts.
- **Data Privacy and Security.** Give your data team confidence and control over patient privacy and security by processing all patient data within your secure network and only transmitting a limited data set to GRN.
- **Infrastructure/Network.** This team will thank you since your organization's network is only transmitting a fraction of the original data it would normally transfer because GRN uses leading technology to process data and narrow into limited data sets.

GRN FUSION TECHNICAL OVERVIEW



GRN membership has its advantages

With onboarding, your IT team approves connected apps, and a GRN Fusion team dedicated to your health system establishes connectivity with owners of various connected applications. The GRN team also adapts versions of APIs as needed, maintains interoperability standards, and ensures other privacy and security credentials.

GRN members allow quick and secure transfers of data subsets for clinical trials, precision medicine, and other real-world data uses for diagnostic and patient treatment options.

Once onboarding is complete, GRN Fusion securely handles all tasks around updates and advancements to data extraction without impact upon your hospital's data team. Yet our documented processes keep your IT team in control of all extracted data, while removing the burden of producing and maintaining data sets.

Using a secure app placed inside your network, GRN Fusion provides a path for your raw EMR data to be extracted, processed, and transferred to GRN as a limited data set.

Upon arriving at GRN, the data set is loaded into the GRN system and then your organization can take full advantage of patient matching for research trials, patient cohort evaluation for study feasibility, and subject enrollment.

Data experience, proprietary technology

Based on our years of clinical data and technology experience, we enable you to expedite precision medicine, support biomarker discovery and validation, and/or drive companion diagnostics development in research settings.

Along with our highly skilled technology team, GRN system engineers have architected GRN Fusion to support the nuances of data exchange and support for all versions of HL7, FHIR, HIPAA transactions, and a myriad of transfer software.

We've also built-in data quality and efficiency features to address technical complexity and capabilities that make your research users more productive and interfaces easier to implement.

Making it easier

All this reduces your organization's need for IT/data resources, time, and expenditure to exchange data with GRN and then back to your researchers.

When all elements are cleaned and harmonized, you'll easily get the data to promote positive outcomes and grow your organization's footprint in vital medical research.

And, we get a little closer to our non-profit mission of accelerating cures for life threatening diseases like cancer.