

Anvita™ Health is an experienced and visionary health care analytics company that provides deep clinical insights to companies that want to improve the quality and lower the cost of health care for their members and clients. We analyze health data from more sources than any other analysis engine, and provide deeper clinical insights, in batch mode or in real time.

Real-time analysis generates alerts at the point of care for more effective patient intervention.



Technology

The Anvita Insight™ analysis engine: Anvita Health's software, the Anvita Insight analysis engine, instantly personalizes, prioritizes, and identifies treatment options to help doctors and patients make better medical decisions. In seconds, the software analyzes an individual's medical profile and prioritizes answers by ranking and scoring treatments against established health guidelines. As a result, the safest, most effective, and most affordable treatment options are identified in real time.

As dynamic as the population it serves: Multiple treatment options are instantly evaluated to provide personalized and precise answers that are based on an individual's unique medical profile (e.g., age, weight, medications, labs, conditions). In addition, new results are dynamically generated as a patient's profile changes. Answers are delivered in language understandable by both doctors and patients, making it easier for patients to be better informed and take control of their own health.

Seamless integration: The Anvita Insight analysis engine seamlessly integrates into any existing IT platform as an XML web service and is customizable, allowing users to configure new rules based on their organization's specific needs. Through its exclusive Anvita Health Thesaurus™, the system accepts, understands, and interconnects with all major data sources including electronic medical records (EMR), personal health records (PHR), pharmacy data, health plan business rules, lab data, and clinical reference data.

Leading health care web sites, insurers, doctors, and electronic medical records use Anvita Health for next-generation clinical decision support (CDS) and custom health analytics.

Addressing today's healthcare industry issues

Improve coordination of care

- Anvita Insight integrates medical claims, Rx claims, lab values, and patient data from EMRs, PHRs, and HRAs

Lower costs and improve quality of care

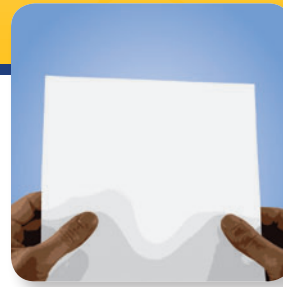
- Anvita Insight identifies medication safety concerns, gaps in care, and prescription cost savings

Increase adherence and formulary optimization

- Anvita Insight identifies patients that would benefit from personalized programs and interventions

Deliver consistent communications

- Anvita Health generates real-time alerts for members, providers, pharmacists, and care managers



Capabilities:

- **First Fill Counseling**—First fill counseling for a new type of therapy (drug class) within a time interval for a specific type of patient (age, gender, etc).
- **Patient Adherence Alerting**—For selected medication types, identify patients not filling their Rx regularly (e.g., medication possession ratio over a time interval).
- **Consolidation Opportunities**—Identification of patients, based on eligibility ID, demographics, age, gender, co-existing illness, co-existing medications, and other clinical attributes, who are candidates for Rx consolidation programs.
- **Renewal Opportunity Management**—Use of medications claims data to identify patients whose prescriptions are about to expire, and which physicians need to be contacted for renewal authorization, and safety checking of the renewals.
- **Extensive laboratory test integration**—The Anvita Insight engine is designed from the ground up to digest and analyze laboratory data in a manner that is cognizant of the totality of the individual patient record to infer diseases, identify drug safety issues, and ensure continuity and quality of care.
- **Prospective medication comparison and genuine therapeutic interchange**—This is accomplished by generating a list of potential medications for a patient/condition and ranking medications by safety, efficacy, and affordability based on formulary and actual cost to the patient (co-pay) when available by the plan.
- **Comprehensive evaluation of medication & dosing safety with labs**—Anvita Insight goes beyond drug-to-drug and drug-to-disease to incorporate full lab results, medical records, and patient attributes for pinpoint accuracy. Contraindication warnings are personalized and provided in a language that is understandable to both the provider and the patient. This evaluation can be done in real time at the point of prescribing, in the retail pharmacy, or in batch mode.
- **Evaluate adherence with industry standard best practices by identifying gaps in care**—Anvita Health has incorporated over 3,000 guidelines from several dozen sources in almost 90 intervention categories. Rules can be configured to predict which future interventions will be coming due in the next 30, 60, 90 days for purposes of contacting patients who need forthcoming interventions. Users may choose a subset of rules from Anvita Health's existing rules library and/or develop custom rules.
- **Full medication history and electronic prescribing capabilities**—Extract a patient's dispensed medication history, evaluate their pharmacy eligibility, and electronically transmit mail order prescriptions.
- **Advanced imaging capabilities**—Anvita Health's CDS solution for imaging automatically identifies the most appropriate, affordable, and safe diagnostic imaging tests for a specific patient that are most likely to yield a diagnosis. This solution can also enable pre-authorization of imaging tests, thereby eliminating time-consuming and inefficient administrative processes associated with existing telephone-based systems.
- **'Everywhere' electronic data interchange**—Anvita Health has an extensive health thesaurus to accept and cross walk prevalent but incompatible data formats from many sources to allow full language-independent transportability of healthcare information while maintaining semantically interoperable and full medical meaning.

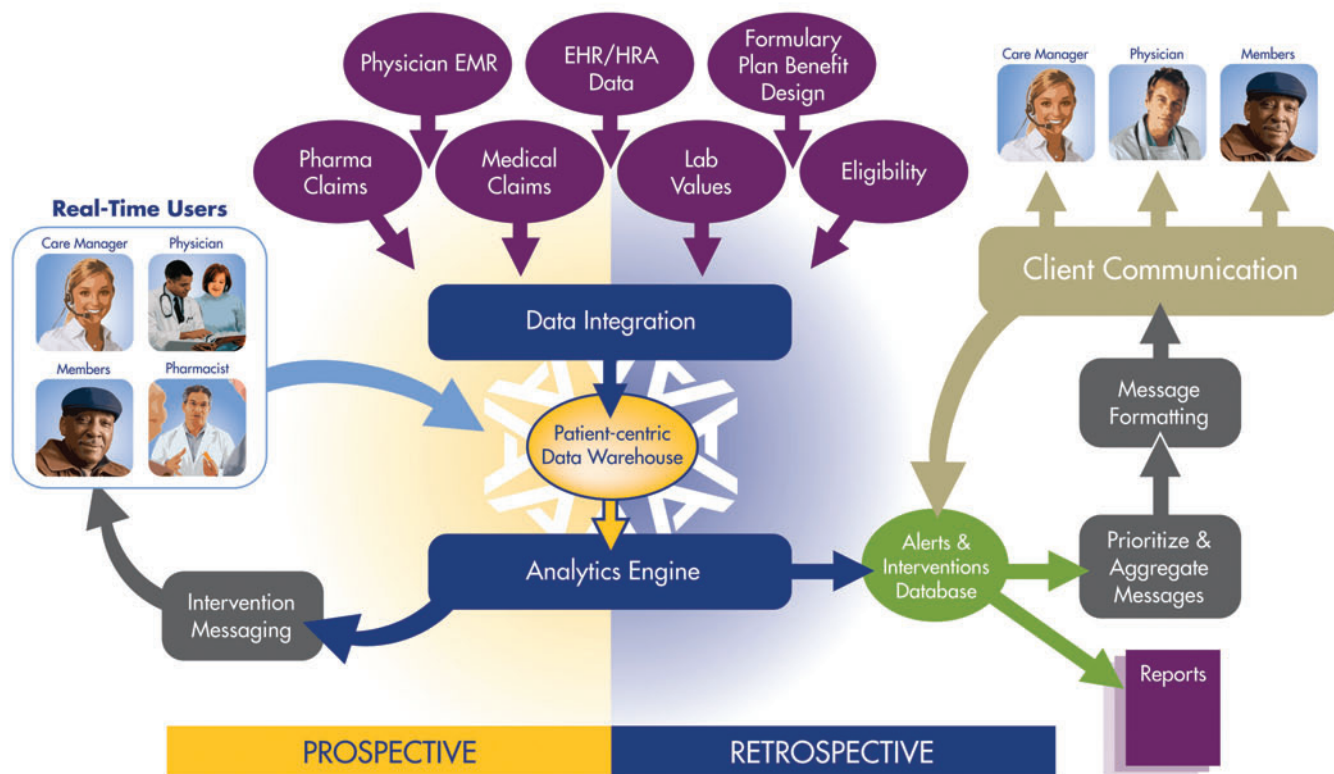
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- **Alerts and automated message generation and prioritization**—Anvita Health can analyze large patient populations on a regular basis to determine if safety, cost savings, or care improvement opportunities exist, and then generate and prioritize relevant and useful solution messages in language suited for both medical professionals and consumers.
- **Consumer friendly**—Anvita Health processes consumer-entered health information from PHRs and processes prior health history, and over-the-counter medications. The Anvita Insight engine outputs information and messaging in a manner that is easy for consumers to understand.
- **Real-time speed for point of care**—The Anvita Insight engine can provide a full analysis on an individual patient in less than a second. This enables providers, care managers, pharmacists, and consumers to become aware of problems and their solutions instantly, rather than allowing problems to gain momentum at which point harm may be incurred or change is difficult.
- **Consistent analysis across many touch points**—Anvita Health is integrated into leading consumer portals, EMRs, payers, providers, and prescription benefit and disease management companies. Consistent analysis and messaging across these points increases the credibility and reinforces the behavior change needed to drive superior outcomes and costs savings.
- **Business rule awareness**—The Anvita Insight engine can be aware of business rules, formulary plans, co-pays, comparative costs and benefits, absenteeism, presenteeism, and benefit doughnut holes to increase the dimensions of decision-making and solutions presentations.
- **Ability to customize rules and guidelines per customer**—Anvita Health's rules operate at the medical concept level. New rules may be discovered or created to create proprietary competitive advantages for our clients. New rules can embody business or cost-related considerations in addition to clinical concepts.
- **Impartiality and complete independence**—Anvita Health is completely privately owned and has no ownership or alignment with any particular payer, insurer, PBM, DM, or any other medical industry entity. You can confidently employ Anvita Health without competitive considerations or conflicts of interest.



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Anvita Insight Engine Data Inputs and Analysis



The Anvita™ Insight analysis engine is the premier health analytics engine that computes in both batch and real-time mode, with sub-second analysis and reporting for more timely and effective patient interventions.

The powerful and versatile Anvita Insight engine provides a host of features for superior and customized analysis of populations and individuals.

Contact Anvita Health for a demonstration.
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Actionable Health Intelligence™