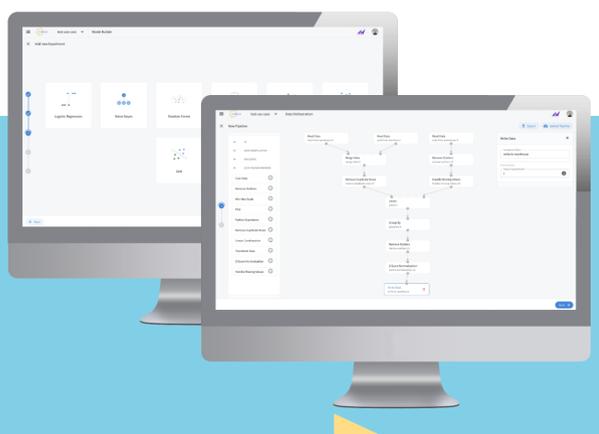




Healthcare Solution Brief



Want to cut costs with no harm to quality of care?

Healthcare Providers

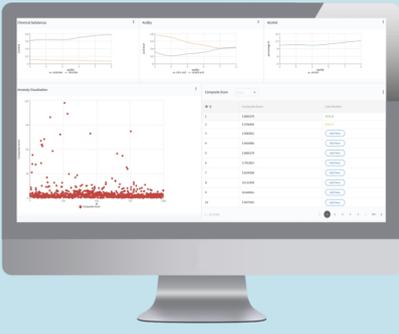
Our clients, which are some of the best-known healthcare providers in the western region, have faced the increasingly challenging balancing act of dealing with **financial pressures** while maintaining a high level of care quality for their patients. Issues around **labor management**, especially inefficient use of skilled and unskilled resources, add to the problem of **high operational costs** and, consequently, **poor quality of care**.

Due to the **complex structure** of most healthcare organizations, the layers of reporting that are already required, and a **lack of visibility** into identifying causal factors, healthcare providers find it a challenge to discover an effective way to improve productivity.

Healthcare Insurance (Payers)

The rapid popularity of Telehealth, fueled by the COVID-19, has given birth to a **unique brand of fraud and abuse**. The future, if nothing else, warrants a fresh look at the emerging business paradigm and its accompanying challenges to usher in new solutions that can prevent surprises.

On July 20, 2022, The Department of Justice announced criminal charges against 36 defendants in 13 federal districts across the United States for more than **\$1.2 billion** in alleged fraudulent telemedicine, cardiovascular and cancer genetic testing, and durable medical equipment (DME) schemes.



NEMESIS is changing the paradigm to:

- ✔ Empower business analysts to tackle advanced analytics problems
- ✔ Elevate organizations by introducing predictive analytics and machine learning to achieve operational excellence
- ✔ Monitor data in near real-time, enabling nimble intelligence, insights, decisions, and remedies
- ✔ Unlock unprecedented ROI with a multi-use platform and cloud-enabled solutions
- ✔ Eliminate the need for expensive and enigmatic data technologies and resources to increase revenue

A solution for Healthcare Providers

- ✔ Monitor quality indicators for each facility by stage
- ✔ Show the causal factors for lack of performance
- ✔ Devise a ranking scheme based on the number, frequency, and severity of the flagged problems
- ✔ Provide early warnings on impending labor-management issues, treatment level issues, and better allocation of resources
- ✔ Generate insight into possible remedial action

A solution for Healthcare Payers

- ✔ Use the power of machine learning to quickly define the metrics to track and determine unexplainable deviations from normal behavior in near real-time
- ✔ Monitor and track incidences of unusual deviations from established treatment protocols
- ✔ Detect healthcare fraud cases, such as unusual claims and billing errors
- ✔ Conduct Fraud Scheme Detection to prevent expensive losses
- ✔ Fire off immediate remedial action using our integrated

Why NEMESIS is the Most Powerful Advanced Analytics Solution



Speed to Results

NEMESIS allows analysts to prepare data for analysis in **a quarter of the time** it historically takes. Analysts can create analytical models — **independent of technical help** — and compare results in order to identify the most efficient strategy and publish results, all with the click of a mouse.



Speed to Decisions

Sophisticated model libraries are built-in and available to analysts to choose from — **no coding necessary**. With a variety of featured charts and graphs, analysts can conveniently visualize data, swiftly identify key findings, and tailor key findings with customizable dashboards — **resulting in quicker decision making and resolution**.



Speed to Actions

NEMESIS's Integrated Case Management (ICM) system authorizes managers to immediately assign suspicious cases to the most qualified researchers upon immediate detection. NEMESIS is the most efficient road to **alleviating bottlenecks**, resulting in **noticeably faster resolutions**.



Speed to Knowledge

With machine learning and adequate training data, NEMESIS predicts and generates **more precise solutions for your most challenging business problems**, such as fraud prediction, customer behavior patterns, sale forecasts, and more...

Get in touch with us today for more information

Email >> nemesis@avianaglobal.com
Website >> www.nemesisbyaviana.com

Deployment Options

On Premise

- ✔ NEMESIS to be deployed on client's server.
- ✔ Client has full access to NEMESIS and all its features and functionality.
- ✔ Clients are enabled to build NEMESIS models and other artifacts on their own server.



On Demand

- ✔ NEMESIS is accessible via the cloud.
- ✔ Client has full access to NEMESIS and all its features and functionality.
- ✔ Clients are enabled to build NEMESIS models and other artifacts on the cloud.
- ✔ NEMESIS experts are available to clients when aid is requested, via the maintenance agreement
- ✔ Cloud Installation: AWS, Azure, Red Hat OpenShift, GCP, IBM cloud.

NEMESIS as a Service

With our premium deployment option, clients don't pay product license fees, incur implementation expenses, or deal with training staff.

Allow our highly trained engineers to bring the power of NEMESIS to your business. We handle the data preparation, modeling, discovery of insights, upgrades, and proactively tackle remedial action on behalf of your

- ✔ Client shares data with NEMESIS team for conducting all the processing and provide the results via INSIGHTS dashboard.

- ✔ Client has full access to INSIGHTS dashboard, as well as the CASE MANAGEMENT feature, where you are able to classify transactions as "FRAUD" or "CLEAN" for other business purposes.



Commonalities

- ✔ NEMESIS team will maintain all product features
- ✔ Product is licensed to clients for the duration of the license (Code base is owned by NEMESIS)
- ✔ Product training provided to clients with purchase of product license
- ✔ Product support included with purchase of product license
- ✔ Data is owned by clients (Data security included)



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Aviana Global Technologies is an Advanced Analytics company with over 250 person years in building custom solutions to help organizations achieve growth, efficiency, and mitigate risks. For over 25 years, Aviana has delivered tangible benefits to leading organizations like Boeing, DaVita, Kaiser Permanente, Kawasaki, MGM Resorts, and iHeartMedia.

