![hms®]

Analytics Suite

Analytics-driven solutions for fraud, waste, and abuse management.

HMS® has developed a cloud-based analytics solution to provide investigators with easy to use and effective technology to move quickly through targeting, review, and analysis so investigators can zero in on high priority cases and initiate those investigations.

Upon receipt of data, HMS automatically executes our curated set of analytical models, reports, watches and custom analysis – proactively identifying dollars at risk and previously undetected potential threats with every data load. With cloud computing, multiple data sets can be provided to develop more advanced analysis. SIUs can actively monitor on-going threats and identify new targets, tracking trends unique to their own business.

> **Investigators now have a way to zero in on high priority cases.**

As intelligence and investigation results are returned to HMS's analysts, those data points are reflected in on-going development for more effective analytics and drives new target creation.

- **Guided Analytics.** Numerous models and reports are readily available and refreshed with every data load. The Guided Analytics easy-to-use interface and powerful visualizations simplifies target identification across provider, patient, pharmacy and global metrics and truly guides the user to the answers.

- **Link Visualization**. This visually maps relationships to identify connections between providers, members and their networks. Each data point is represented as a node, any entity that shares that data point is visually linked to the node, making it simple to identify business, financial and social networks.

- **Watches.** Users can generate simple and complex scenarios across claims, providers and patients to proactively identify at-risk issues and actively monitor previous case subjects to ensure that inappropriate billing behaviors do not reappear.

- **Alerts.** All providers, members and claims that exceed specified thresholds are flagged and grouped for easy identification and review.

- **Risk Profiles.** These are generated for all providers, pharmacies and patients with claims data. These profiles include key metrics, trend graphs, analytic model results and full claims histories enabling users to generate an assessment of a target's risk using all available data points and analytics.

- **Custom Analysis and Reports.** These offer a range of output capabilities.
  - The Reports offer executed data findings and results for immediate action
  - Ad Hoc Queries are simple to create with HMS's self-guided tool. The Ad hoc query tool provides a step-by-step integrated workflow that provides the framework to develop formulas with multiple conditions and parameters for immediate development.

- Custom Analysis can be requested directly via the portal. Clients who need specific audit or investigative analysis can submit their request via the portal detailing their request with attachments and any notes on specific output visualizations. These requests are ported to HMS analysts and after they complete the project, the findings are loaded in the custom analysis tool for immediate access.

Target
- Analytics
- Reports

Review
- Profiles
- Link Visualization

Pursue
- Lead Management
- Case Tracking

Assess
- Watches
- Alerts
- Custom Analysis
- Reports

Contact HMS for more information about our Analytics Suite.