



## Reveal<sup>®</sup> v1.1

### *A Powerful Web-Enabled Workers Compensation Excess Loss Model*

Workers compensation medical costs are on the rise – nearly twice as expensive as general medical care. And while writers can't eliminate their exposure to serious injuries, they can control the true cost drivers to enhance their portfolios. With Guy Carpenter's Reveal v1.1, a state-of-the-art excess loss model, you can identify the drivers of severity - at the class code level - making it possible to develop a plan for protecting your capital and profitability. Accessing Reveal is now easier than ever via Guy Carpenter's i-aXs web-enabled data delivery platform. Put yourself on the fast track to making informed business decisions by interacting with your data and exposures instead of relying on static reports.

#### A new generation of excess loss model

The recent hazard group expansion from four to seven groups has been a major improvement in excess loss estimation – and one that has been adopted by much of the industry. These new hazard groups can still be somewhat heterogeneous with respect to the underlying mix by injury type. Reveal captures and quantifies the remaining variability by class within these hazard groups. Guy Carpenter has exhaustively mined industry statistics and used the insights gained to calibrate Reveal. Extensive testing demonstrated that historical large-loss frequency by class code may be of significant value in predicting future experience at the class code level relative to the hazard group level. Given the current market environment, Reveal can help workers compensation carriers to better understand the potential excess losses in their portfolios.

#### Applying cutting-edge technology to your portfolio

If a carrier is exposed to risks in the more severe end of each hazard group, it may have significantly more excess loss exposure than anticipated and, more importantly, its pricing could be deficient. Historically, these classes have experienced a disproportionate number of catastrophic claims and too much exposure to them may introduce more excess loss volatility than anticipated. Guy Carpenter's Reveal is an advanced workers compensation exposure model that can assist you in identifying these key drivers of excess loss volatility in your portfolio. Instant insights and capabilities never before available are efficiently realized through i-aXs.

#### A wide variety of innovative tools

Reveal's more refined approach takes excess loss analysis to a whole new level, enabling you to better understand your workers compensation portfolio and take effective action. Output can assist you in:

- Identifying the key drivers of excess losses in your workers compensation portfolio
- Exploiting hazard group heterogeneity at the class code level
- Enhancing reinsurance retention analysis
- Optimizing your portfolio as differences in the propensity for large claims are identified among key subsets of your book
- Facilitating better large loss claims administration and loss control resource allocation techniques
- Identifying the classes and accounts in your portfolio most likely to experience future loss emergence in an excess layer
- Identifying and benchmarking excess losses associated with potential new classes and/or states considered for expansion to ensure consistency and profitability

## Web-enabled and customizable to meet changing needs

The i-aXs data management platform has revolutionized risk portfolio accumulation management. Now, Guy Carpenter's award-winning platform has been expanded, enabling you to quickly upload and analyze your workers compensation exposure through our Reveal excess loss tool. The i-aXs platform enables clients to choose from dozens of reports and view and modify those reports based on real time data analyzed within the system. Working from an initial set of exposure and modeling vendor loss reports compiled by InStrat®, Guy Carpenter's world-class modeling and actuarial group, users can define custom reports and modify parameters of analyses. The customizable, web-based i-aXs desktop organizes portfolios, reports, subscriptions, analytical tools, projects, and individual work activities. And, because i-aXs is maintained on our secure network, clients can access a wealth of information at their fingertips knowing it will be kept confidential.

With i-aXs, clients can view, analyze and graph results from numerous analyses performed on their data – down to an individual policy level – right from their own desktops. Standard or customized output can also be downloaded to their desktop. Users are ensured consistency, transparency, high performance and rapid delivery of information.

The i-aXs platform consists of a range of useful Reveal tools to help clients manage their exposures and dig deeper into their own information. The extensible platform allows new tools to be added on a continual basis.

## Contact

To learn more about how Reveal can help you better manage your workers compensation portfolio needs, contact your local Guy Carpenter representative or any of the professionals below:

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