

Session 130: Fraud Detection in Health Care, with and without Predictive Analytics

SOA Antitrust Compliance Guidelines SOA Presentation Disclaimer

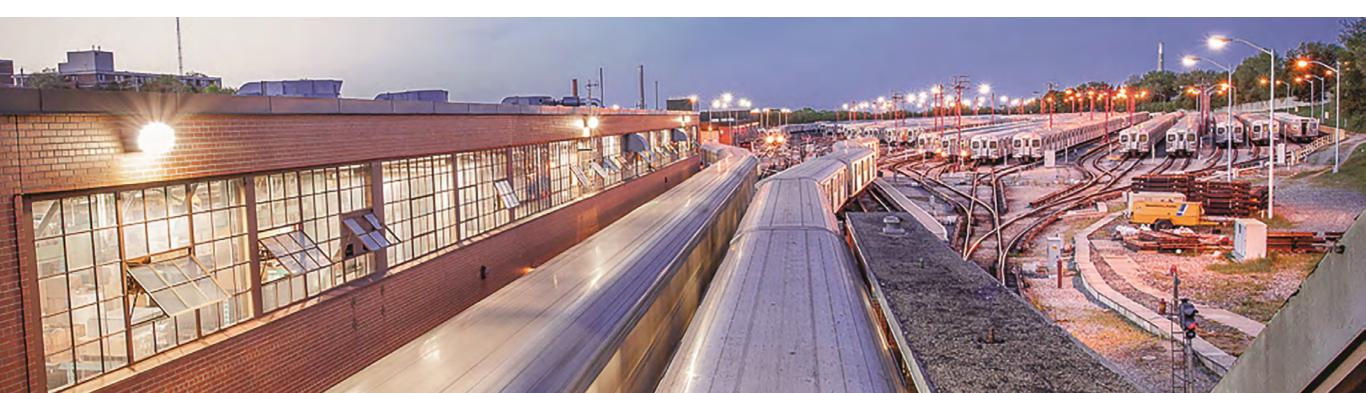


Health Benefits Fraud: A Case Study

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TTC Investigative Services

Who We Are

- 14 Investigators, 2 Supervisors, Analyst, Support Staff
- All Investigators and Supervisors have law enforcement training and background
- Specialties include surveillance, operational planning, source development, case management





TTC Investigative Services

Mandate of TTC Investigative Services

- Protect the assets and reputation of the TTC
- Receive information and report out on wrongdoing, misconduct and unethical behaviour at the TTC
- Act as support for law enforcement agencies





Ethics Reporting "Tip"

• Clearview Strategic Partners

- Internally branded as the "Integrity Program"
- Protocol at TTC

• Assess Allegation

- Valid?
- Does it fall within our mandate?

Gather Preliminary Evidence

- Determine level of evidentiary support needed
- Documents from Benefits Provider
 - None provided
- Investigative Services
 - Surveillance
 - Open source research

• Undercover Operation

• Outcome





Gather Preliminary Evidence

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The Scheme

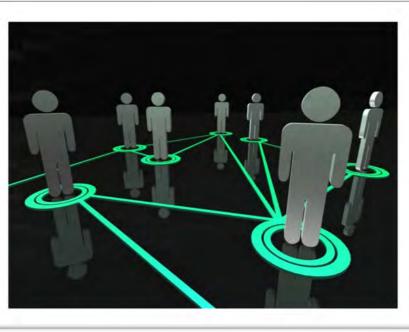


Cash Kickbacks



Result of Initial Investigation

- Establish contact with Toronto Police
 - Good evidence from undercover investigators
 - TPS divisional fraud detectives Nov.18/14
 - Carrier identified potential exposure





Clarify Roles in Investigation

Benefits Provider

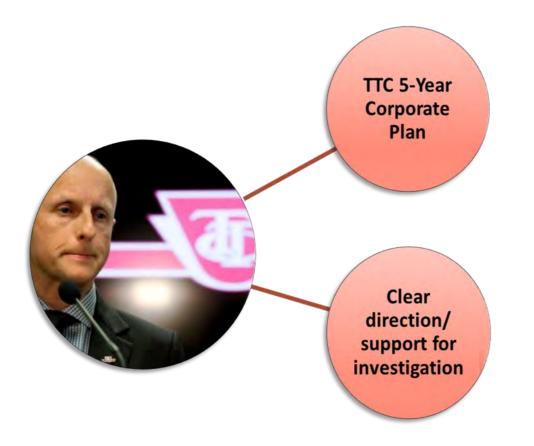
• Provide data to TTC and TPS

• TTC Investigative Services

- Support civil litigation
- Support insurance claim
- Labour Relations Investigation
- TPS
 - Criminal investigation



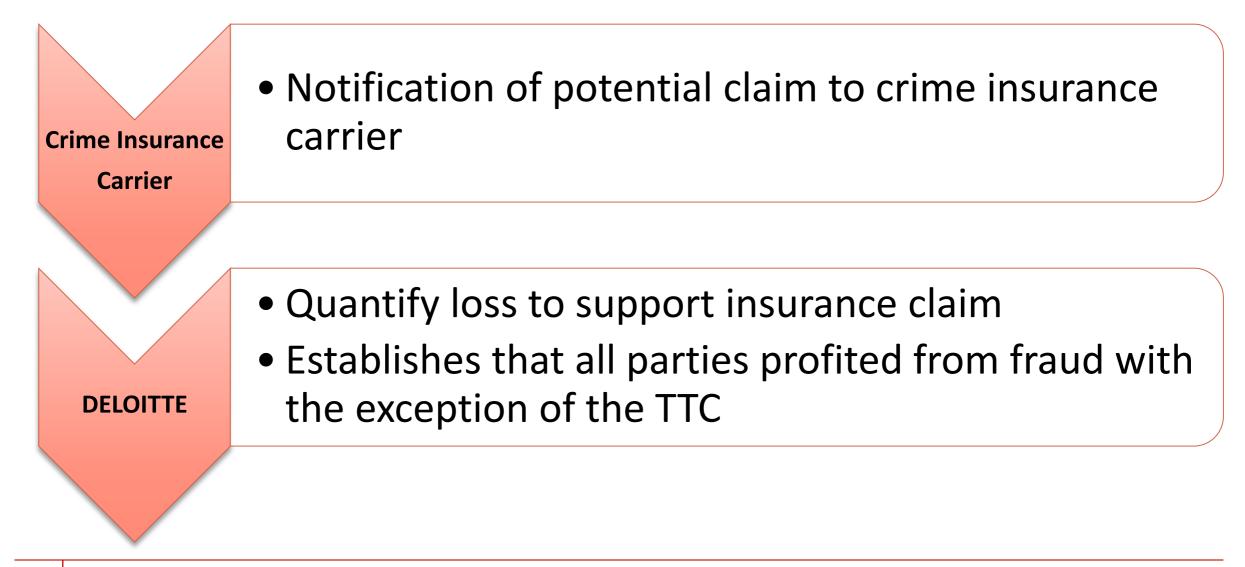
Engage Stakeholders



- Transforming the culture
- "We've taken steps to increase levels of accountability and transparency throughout our organization."(p.12)
- Ensure accountability and pursue means of recovery
- Maintain integrity of the TTC
- Balanced assessment of problem



Engage Stakeholders





Results



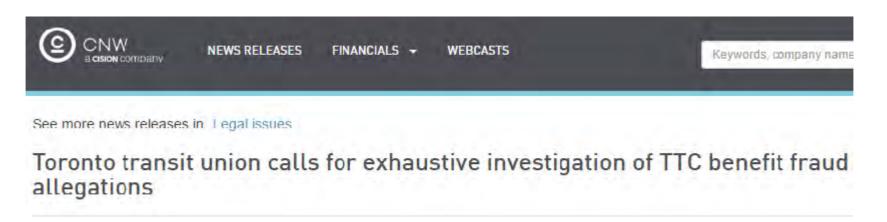
News · City Hall

600 TTC workers eyed in benefits fraud investigation

Auditor general's report says total claims in alleged scheme total \$5.1 million.

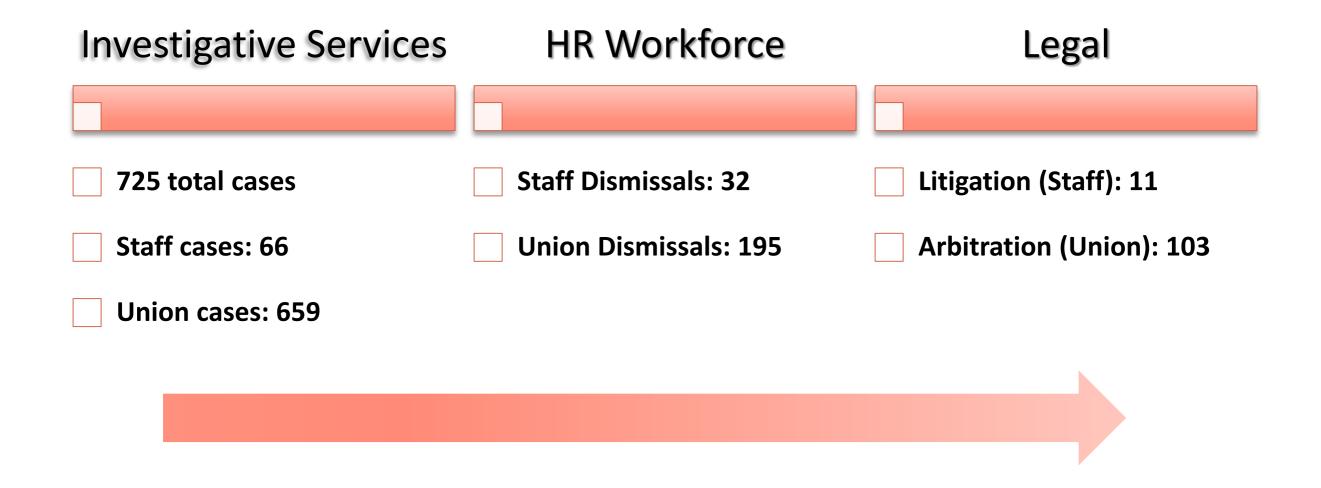
• Search warrant

- Arrest of vendor
 - Two employees also arrested
- Media release













- Approximately \$5 million reduction in claims, 2016 vs 2015
- Similar impact in 2017 and 2018

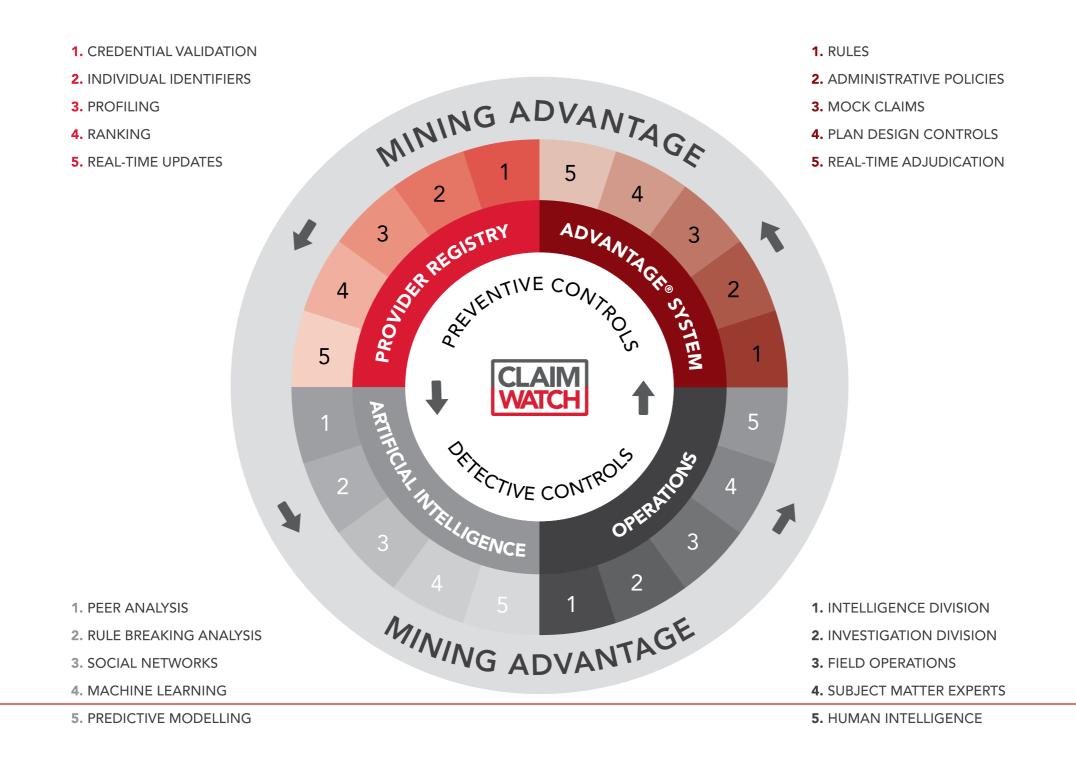
Key Takeaways

- Take control of your benefits plan!
 - o "Reasonable and Customary Amounts"
 - o Analytics
- Employee Education/Awareness
 - Ethics and Compliance Program
- Value of anonymous ethics reporting hotline

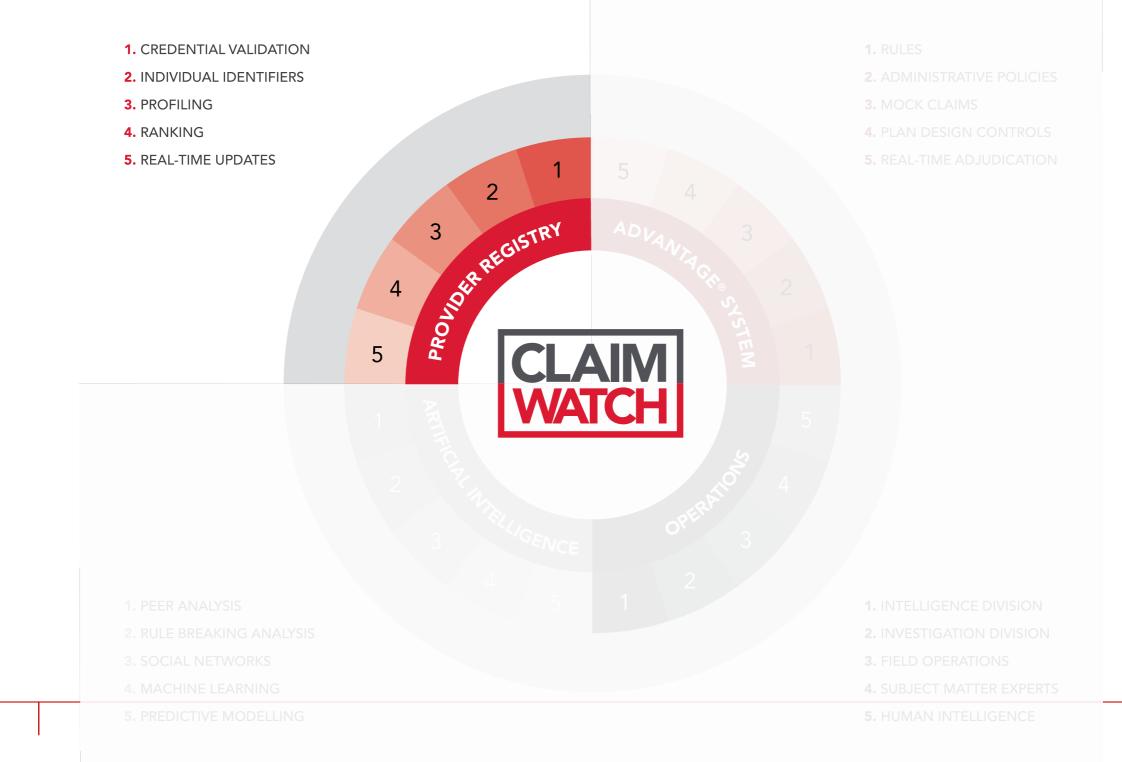








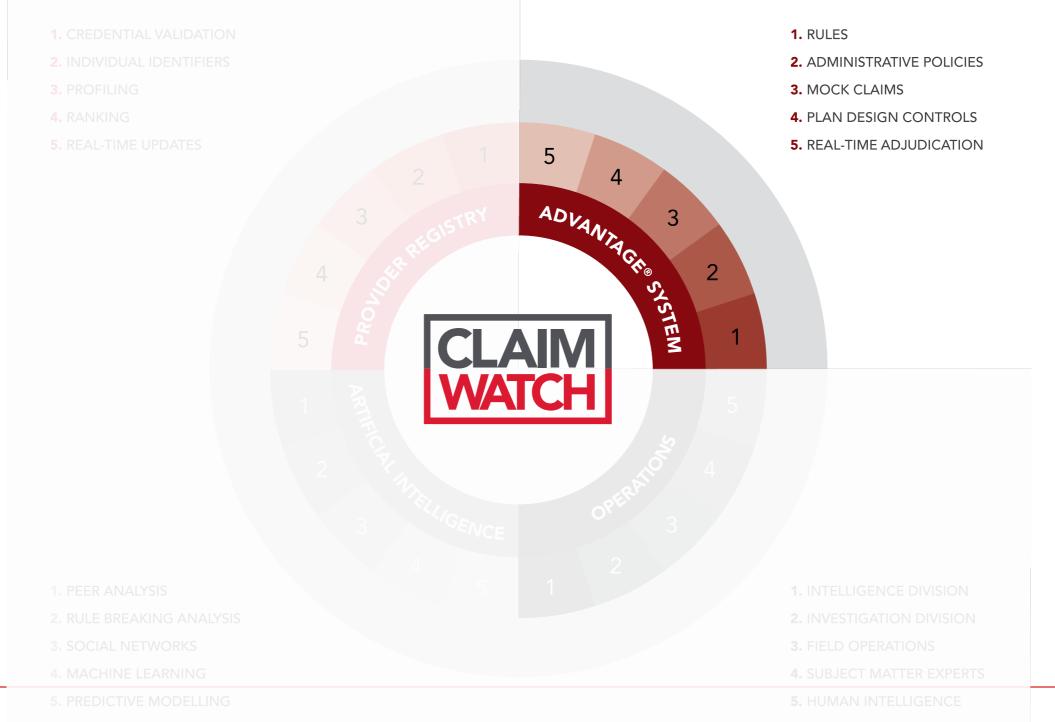




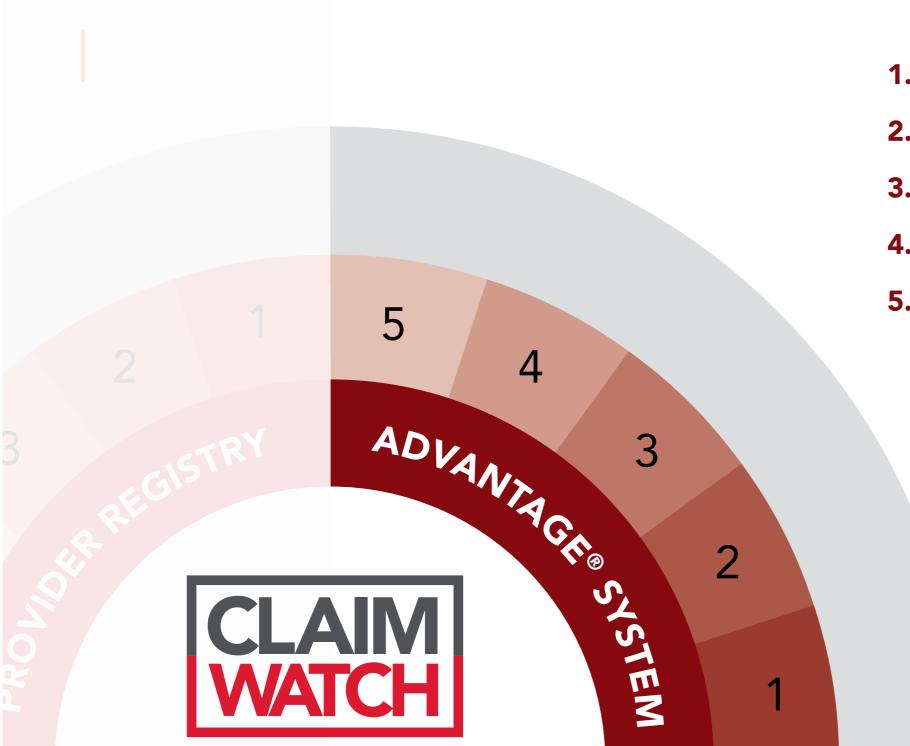


- **1.** CREDENTIAL VALIDATION
- 2. INDIVIDUAL IDENTIFIERS
- 3. PROFILING
- 4. RANKING
- **5.** REAL-TIME UPDATES









1. RULES

- **2.** ADMINISTRATIVE POLICIES
- **3.** MOCK CLAIMS
- 4. PLAN DESIGN CONTROLS
- **5.** REAL-TIME ADJUDICATION



Some built-in controls:



USUAL – a.k.a. reasonable – and customary pricing



Dollar and frequency **MAXIMUMS**





Drug utilization **REVIEW** messaging such as "fill too soon"



Smart plan design



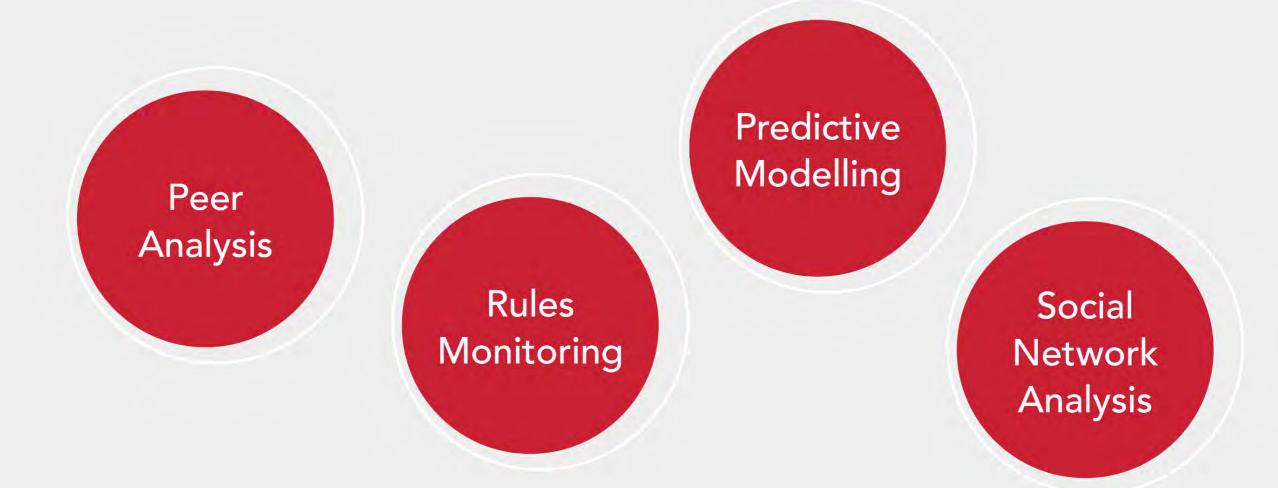




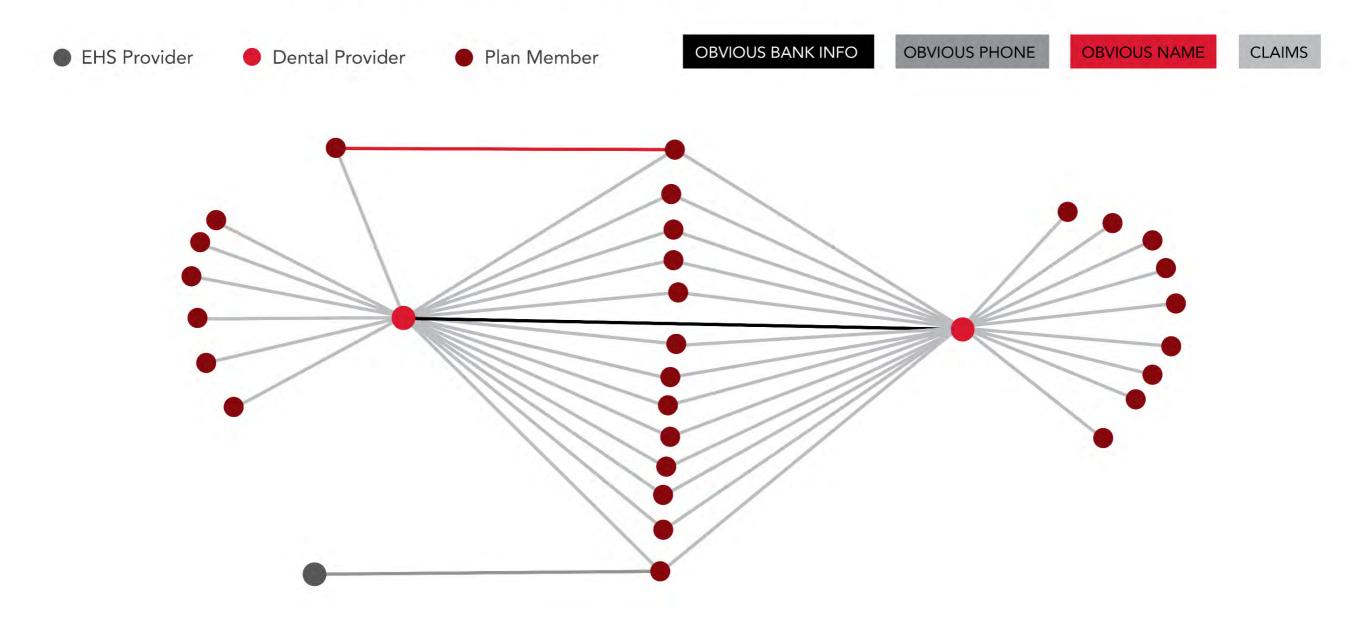
5. PREDICTIVE MODELLING



We can identify outlying providers by using:



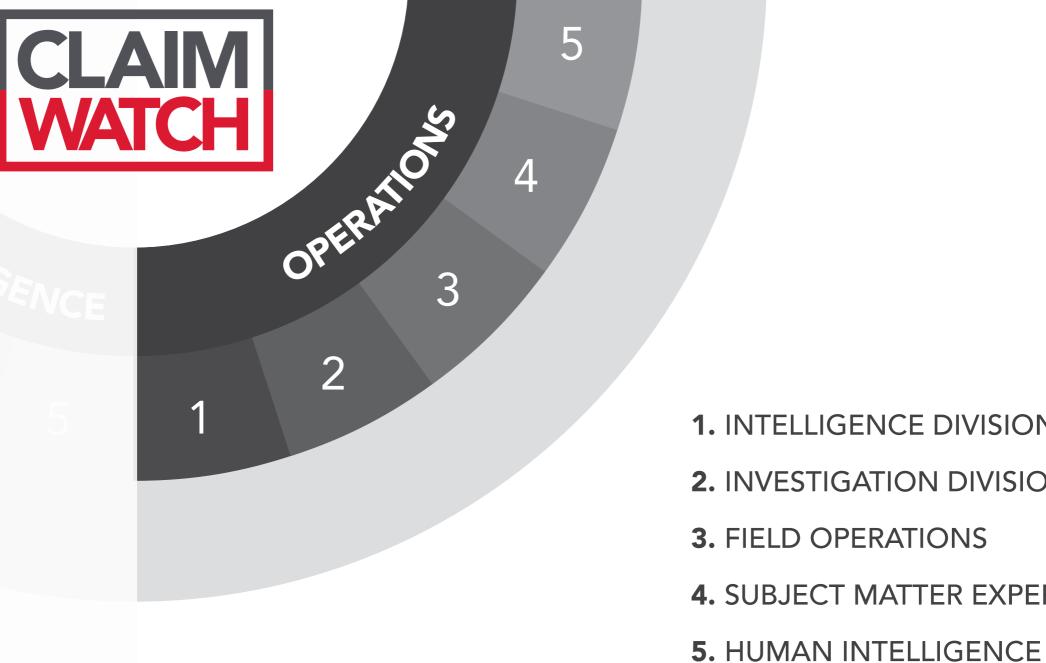
Network As Force Directed Graph (Network: 7.68024)











2. INVESTIGATION DIVISION **3.** FIELD OPERATIONS **4.** SUBJECT MATTER EXPERTS

1. INTELLIGENCE DIVISION



How do we get inappropriate claims information?



We are intelligence led









