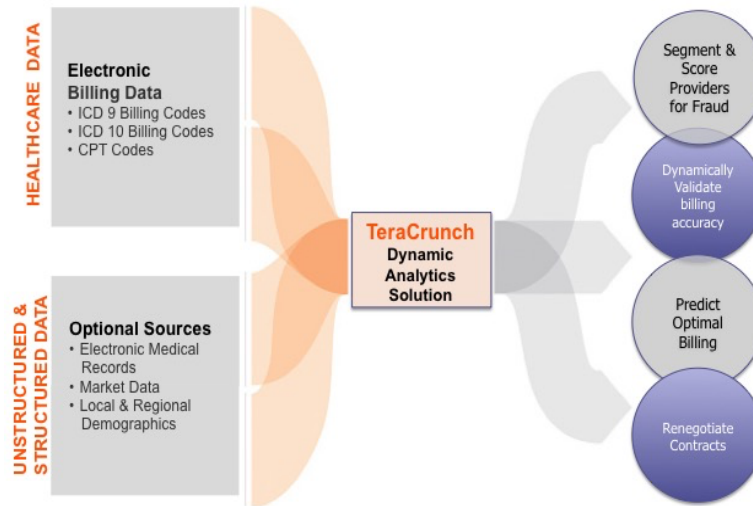


# Healthcare Coding Risk & Tolerance Analytics

## Solution Overview



Healthcare service provision and billing is driven by ICD-9, ICD-10 and CPT codes. TeraCrunch has an intelligent, data driven system that identifies providers according to their tendencies toward assigning billing categories to their patients' conditions. Since many diseases can be alternatively classified under more than one ICD-9 or ICD-10 code, and since the impending migration to ICD-10 opens new possibilities to establish billing standards, this is a perfect time to adopt data-driven guidance that best aligns coding practices with optimal and clinically justifiable revenue generation.

TeraCrunch provides an innovative solution for classifying and predicting treatment and billing decisions. Building on your internal Electronic Medical Records and billing data, TeraCrunch analytics gives you real time insight into the associated billing practices. Our technology is built to handle millions of real time assessments, and our easy API architecture allows you to inject these results at any decision point in your coding and billing cycle. Our interactive analytics dashboard helps you see what treatments are being over billed or under billed. Our system evaluates both ICD-9 and ICD-10 coded data and enables their direct comparison. Advanced, adaptive analytics allow you to predict provider choices through the ICD-10 transition and evaluate their tendencies to adopt more or less economic and efficient coding practices.

## Benefits

- Segmentation of healthcare providers based on their billing habits
- Renegotiate contracts
- Better resource management
- More accurate billing assignment
- Cost savings through greater efficiency and effectiveness
- Increased Client/Customer satisfaction
- Real competitive advantage through data-driven, actionable insights

### NEXT STEPS

Email us at [services@teracrunch.com](mailto:services@teracrunch.com) with any questions, consultation or pricing requests

## Capabilities

- Use technology to provide you with an interactive window into your operations
- Visualize in real-time through a dashboard, custom reports or API to feed into your tools
- Our solutions employ advanced algorithms that are tested and proven across multiple customers
- Reduce costs up to 40-70% through decreased staffing, training, management and maintenance
- Highly experienced Data Scientists work as an extension of your team
- Deploy in the cloud or behind a firewall
- SAAS model – one time configuration fees and monthly subscription fees only after satisfactory testing

## TeraCrunch Platform

### TEXT ANALYTICS ENGINE

Transform data into meaningfully defined topics and associations: events, numbers, things, people, places and the patterns & correlations between them

### INSIGHTZ™ MODULE

Pre-built algorithmic models designed to pinpoint associations and propensities in the data, predict change over time, identify instabilities, variation ranges and anomalies

### DATA EXTRACTION

Enables comprehensive and rapid collection of data from Customer Data Sources, Internet, Social-Media and other sources and prepare the data for further synthesis

### TECHNOLOGY

Machine Learning Algorithms, Natural Language Processing, Knowledge Engineering, Statistical & Computational Models, R, WEKA, MongoDB

For more information contact [services@teracrunch.com](mailto:services@teracrunch.com)