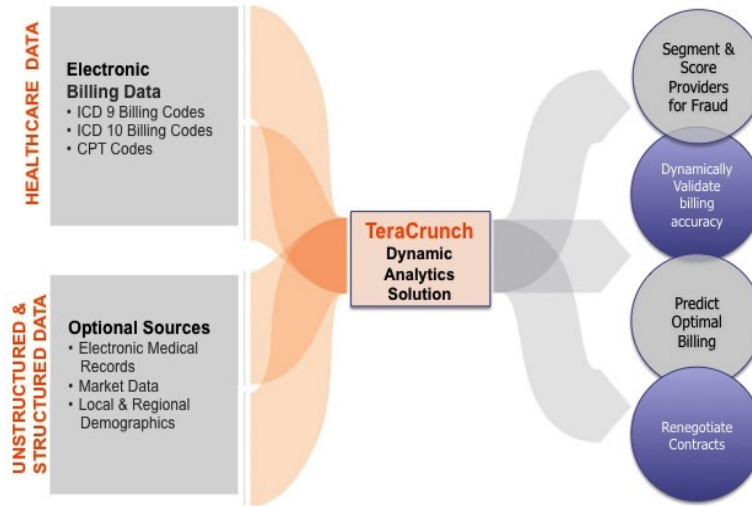


# Healthcare Billing & Revenue Optimization Analytics

## Solution Overview



Healthcare service provision and billing is driven by ICD-9, ICD-10 and CPT codes. 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 to mitigate your operational and financial risks. TeraCrunch has an intelligent, data driven analytics tool that takes historical billing records and identifies what codes are being under billed and over billed for your future billing.

Our interactive analytics dashboard helps payers and providers see what treatments are being over billed or under billed, compare physician's habits and understand risks. We use your internal Electronic Medical Records and billing data. Our tool is built to handle large volumes of data and it evaluates both ICD-9 and ICD-10 coded data and enables their direct comparison. Advanced, adaptive analytics allow you to predict provider/payer choices through the ICD-10 transition and evaluate their tendencies to adopt more or less economic and efficient coding practices.

## Benefits

### For Payers

- Get insights dashboard showing healthcare provider's billing habits
- Understand who is over coding & under coding
- Understand the real picture of what providers bill in ICD-10 in comparison with how claims had been coded in ICD-9
- Insights broken down by geo-graphic region, practice area, practice type
- Renegotiate contracts with providers
- Save cost & be in control of the ICD-10 move

### For Providers

- Get insights dashboard to find what diagnosis are being under coded
- Speed payments, reduce denials due to improper coding
- Compare Physician's coding habits and improve internal processes
- More accurate billing assignment
- Increase revenue immediately
- Be in control of the ICD-10 move

## Capabilities

- Use technology to provide you with an interactive window into your operations
- Visualize in real-time through a interactive dashboard
- 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

### NEXT STEPS

Email us at [services@teracrunch.com](mailto:services@teracrunch.com) for demo

## 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)