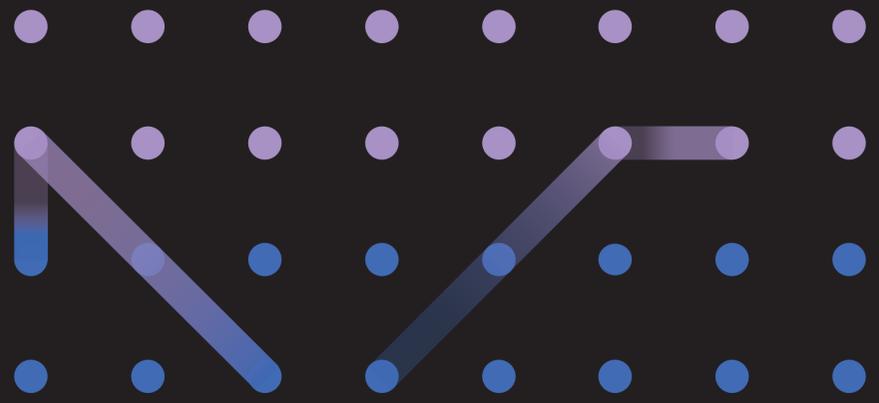# Entity Analytics
by IBM

Fighting identify fraud and vulnerabilities
in your data

IBM Infosphere™ Identity Insight

Predict and preempt criminal activity and risk
with entity resolution and analytics

– Advanced entity analytics solutions are optimized for:
  – Covert and nefarious identities
  – Non-obvious and unscrupulous relationships
  – Activities and events
  – Link analysis across people, places and things
– Utilized across numerous industries
  – Financial services
  – National and regional governments
  – Law enforcement, safety and protection
  – Insurance
– Allows organizations to predict and preempt questionable activity faster and more cost effectively.
– Improves legacy and generic solutions which are incomplete, manually intensive and reactive.
– Integrates large, sparse and disparate data sources.
– Acts across historic, new, internal and external data.
– Advanced techniques for detecting and establishing like and related entities and non-obvious connections.
– Highly scalable, real-time, perpetual and no reloads.

IBM InfoSphere Global Name Management

Helps manage, search, analyze and compare multicultural
name data sets

– Linguistic centered solution for the analysis, matching and searching of person and organizational names
  – 25+ years of research
  – > 1 billion names studied
  – Incorporates over 200 countries
– Culturally sensitive to provide the most accurate results in the toughest of environments.
– Highly configurable and tunable allowing precise control of matching and scoring controlling false positives and negatives.
– Key, string and soundex based solutions are outdated, problematic, create noise, waste time and resources and slow investigations.
– Names remain challenging to your customers due to:
  – Being circumvented in existing systems
  – Challenging to automate and integrate
  – No standards for names
  – Lots of optional information and representation
  – Your customers are not linguists
– Compliments and integrates with existing IT investments.

Intelligence and Law Enforcement

Identity analytics
Match identities and relationships of person's of interest across hundreds of data sources and billions of records.

Global master name index
Consistent representation of master identity index across the department.

Investigative link analysis
Explore suspect's relationships buried in myriad data silos.

Insider threat mitigation
Recognize and respond to potential insider and collusion threats before damage occurs.

Government

Program integrity
Verify citizen identity upon initial interaction for more accurate, determination of eligibility for one or more social programs.

Payment and tax fraud
Reduce improper payments where citizen is applying for mutually exclusive benefits. Identify individuals who are evading tax liabilities.

Eligibility verification
Background check program applicants with watch lists and other data.

Benefit fraud
Uncover hidden relationships between the citizen and other benefits recipients that would negate and reduce benefits.

Finance and Insurance

Social network analysis
Uncover fraud rings across multiple channels.

Financial crimes
Prevent fraud from insider and external threats:

– Account opening
– Cybercrime
– Anti-money laundering
– Watch list checking

Governance and compliance
Regulatory for finding and reporting suspicious activity:

– KYC/CIP
– Sanctions screening
– OFAC/PEP
– FACTA Red Flag rule

Ready to fight identity fraud?
Contact Doug Plaxton, WW Sales for Identity Insight and Global Name Management, Data and AI, dplaxton@ca.ibm.com for more information.