BusinessConnect and SolutionsConnect

It's time to make bold moves.

The Modern Intelligence Platform



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What would you expect?

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Lots of arm waving?



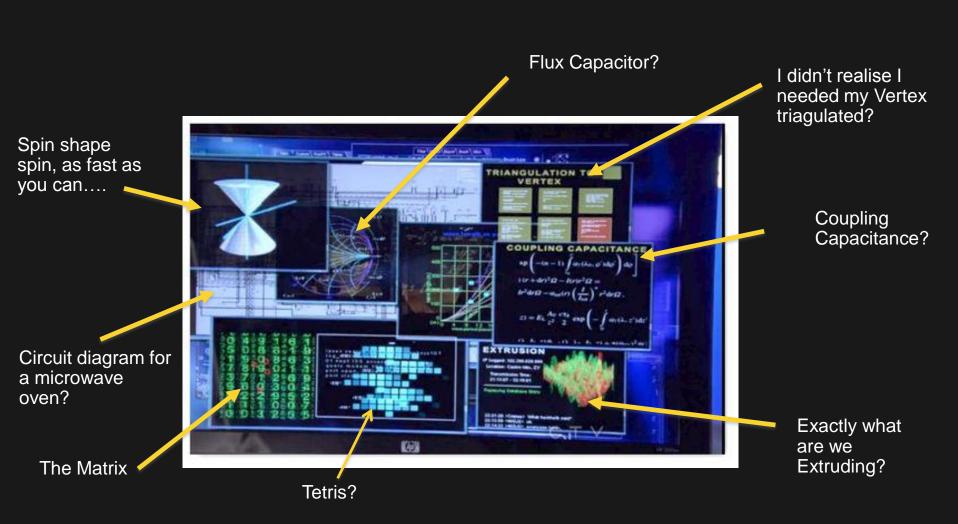


Three dimensional holographic models?





Errr?





And then back to pen, paper and a whiteboard to understand it all.....





Imagine the Challenges

Vast Amounts of Information



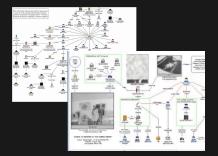
- Siloed Repositories
- Structured and Unstructured Data
- Security Restrictions
- Social Media
- Biometric
- Big Data

Multiple Applications



- Web Based
- Thick Clients
- Multiple Searches
- Manual Data Entry
- Data Duplication

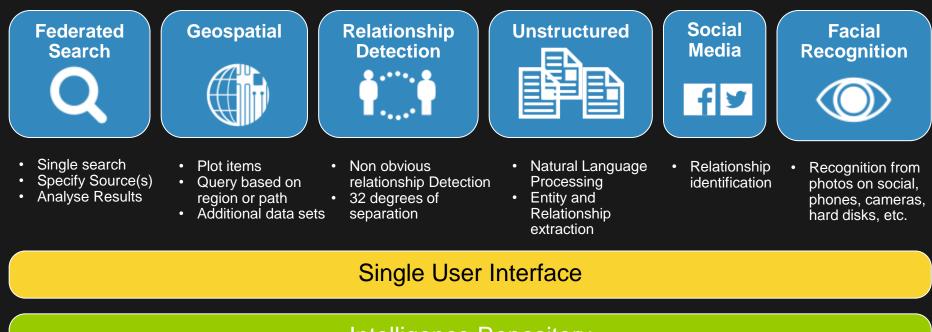
Intelligence Asset Creation



- Entities and Relationships
- Provenance
- Temporal Analysis
- Social Network Analysis
- Geospatial
- Relationship Detection



Now Imagine the solution



Intelligence Repository



Capabilities Are Used by Clients In Multiple Sectors



National Security Counter Terrorism Counter Intelligence Intelligence Analysis Border Security Cyber Risk



Defense

Establishing Civilian Structures Counter Intelligence Intelligence Analysis Target Analysis and Defense Peacekeeping Force Protection Pattern of Life Analysis Human Terrain Mapping



Law Enforcement

Tactical Lead Generation Counter Terrorism Major Investigations Organized Crime Neighborhood/ Community Policing Public Order/Major Event Management Volume Crime Fusion Centers



Private Sector Security Investigations Industry Oversight & Compliance Cybercrime Risk Management Anti-Money Laundering Fraud



Government

Industry Oversight & Compliance

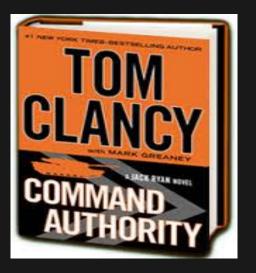
Cybercrime

Securities Investigations

Anti-Money Laundering

Fraud





He (Jack) soldiered on, and through his work on the theft of Galbraith's company he discovered that Gazprom had purchased the pieces of the Scottish-owned gas firm from a series of small foreign companies that sprang up out of nowhere to bid in the auction...To unravel it all, Ryan had a few weapons he could call on...Another tool Jack made use of was **IBM i2 Analyst's Notebook**. It was a data analysis tool that allowed him to put in all manner of different data sets, and then generate quick visual representations via graphs and charts that he could manipulate to track trends, see relationships between people in a target network, and allow himself a more dynamic way of interpreting whichever environment he was studying...Jack knew good data organized effectively was the most important commodity for any analyst.

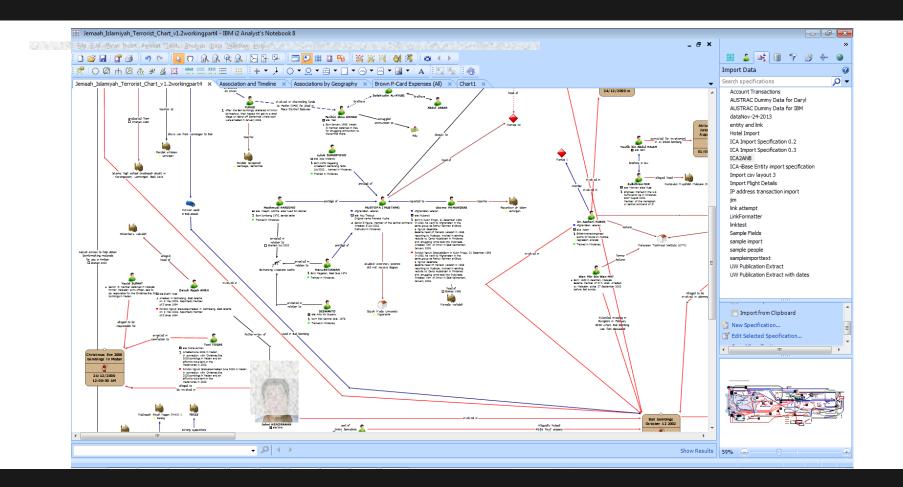


Example Scenario

- Bomb detonated damaging a main rail network
- Need to identify and capture individuals responsible
- A group has claimed responsibility



What do we know about the group network



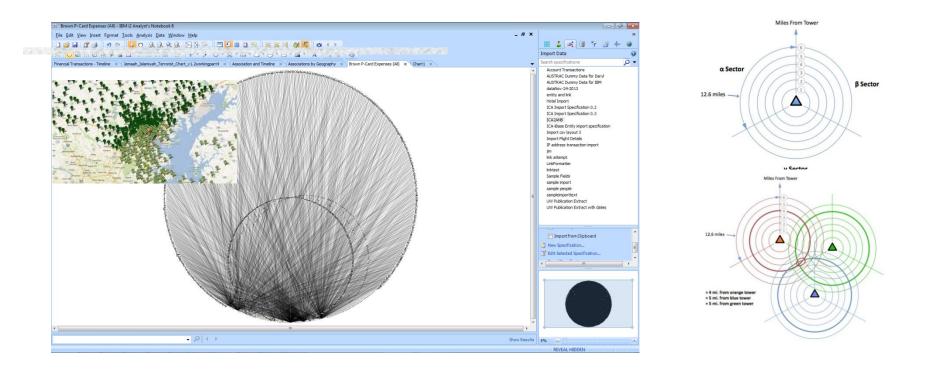


What do we know about the scene – Read through the location reports – other reports





Gain information from local cell towers

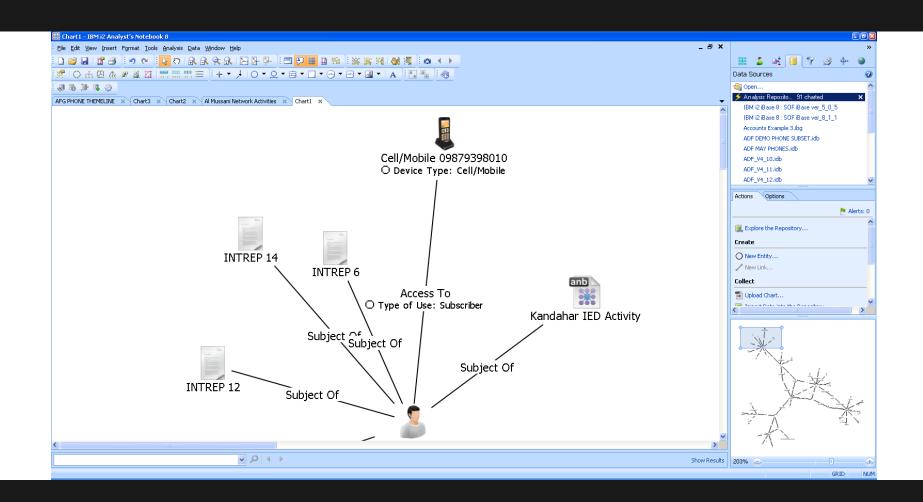


Narrow down phones in the area around the time of the explosion – Geospatial Analysis

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Do we recognise any of the numbers



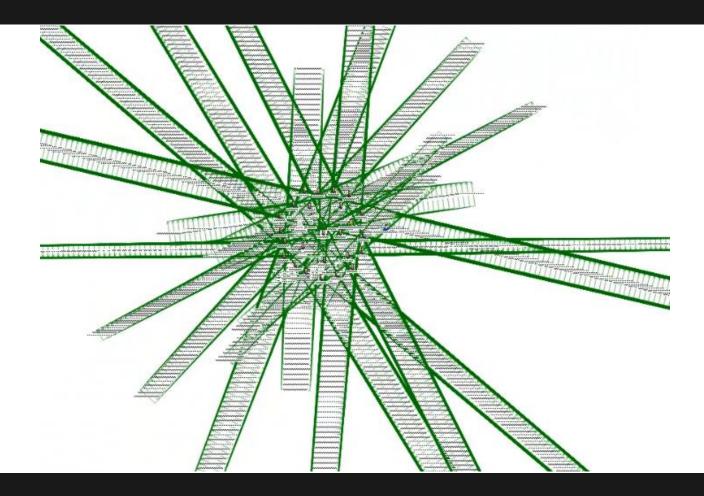


Request call logs for relevant numbers and owners from cell companies



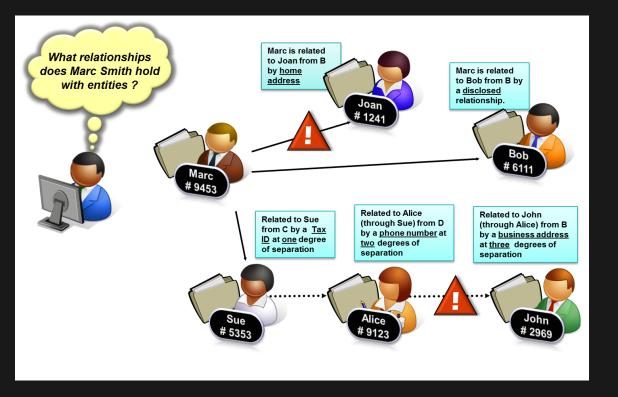


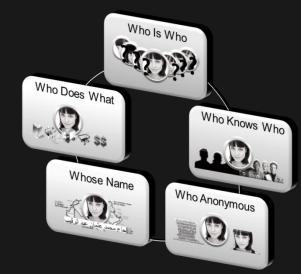
Any calls between these numbers, or known numbers





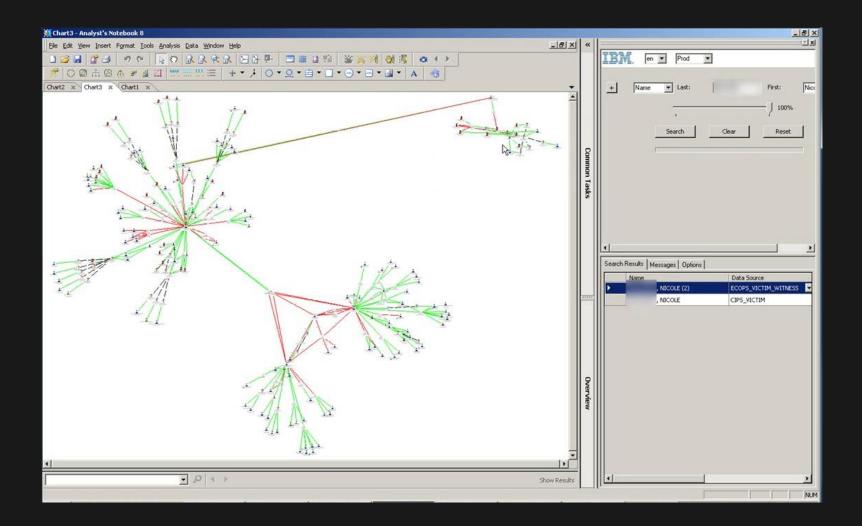
Non-obvious relationship detection





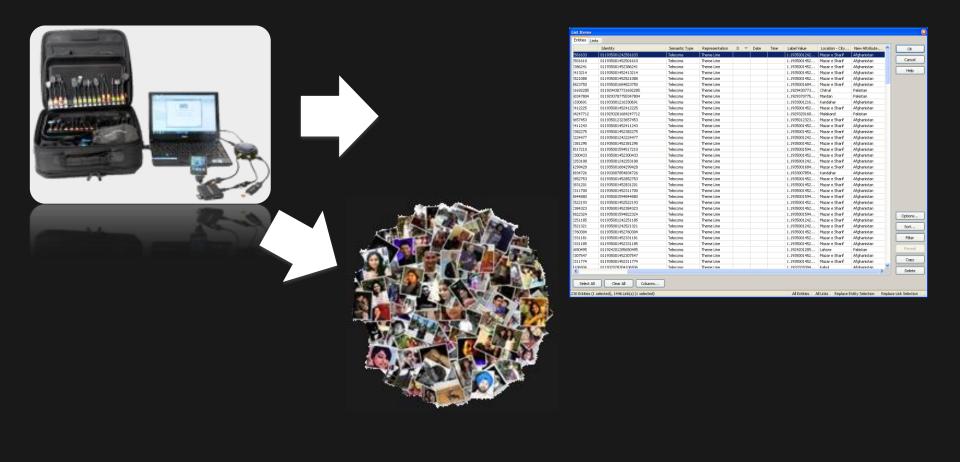


Non-obvious relationship detection





Pull in suspects – seize mobile phone – Rip off information and photographs

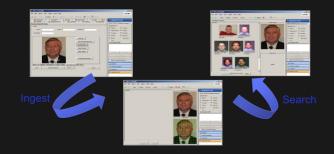




Facial Recognition









Phone whereabouts – waypoint tracking









Pull in data from CCTV and run analysis



Motion Detection

Triggers on any motion that fits size/duration constraints



Tripwire

Triggers when object center passes over a virtual line Triggers when object moves in a certain of directions

Directional

Motion

Ann Alert Remove



Abandoned Object

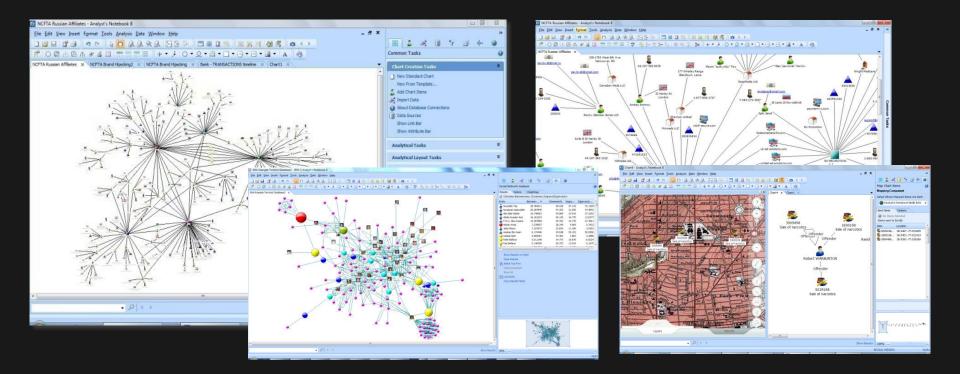
Triggers when object appears in region, stops and remains still for period of time. Particit 2014(6) Technik (Color In Regard) T

Object Removal

Triggers when object which has been still in image for long time starts to move.



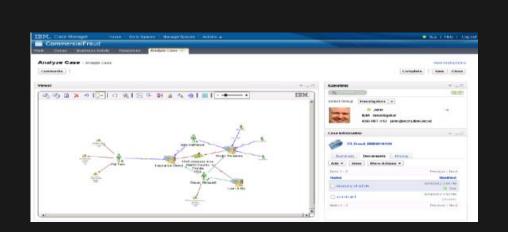
Identifies Individuals, Groups, Events, Locations, Commodities, Communications, etc. and build relationships

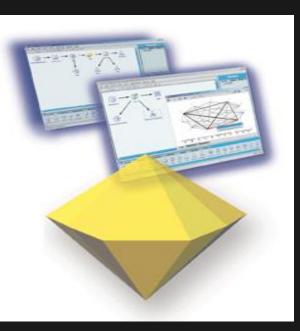




In Summary

- Accessing VAST amounts of information
- Improve productivity during investigations
- Quickly identifying non obvious relationships
- Turning Information into Intelligence
- Reduce the Analysis time cycle through to enforceable actions









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