



earching for the words? Guessing your way to success? Search is a critical interaction in business systems, yet classic approaches still lack a more human approach to understanding data.

CGI Semantic Search is designed to understand the context and meaning of both your data and the questions you ask and therefore takes business search to the next level.

BIG DATA...BIG PROBLEMS?

Big Data defines an increasing problem faced both internally by organisations, or indeed any user of a search tool on the internet. With vastly growing volumes of data on networks around the world, it is becoming increasingly difficult to effectively mine and search data.

- Data volumes crossing the internet passed 1 Exabyte (1000000000 GigaBytes) in 2004
- Approximate volume stands at around at 5 Billion Gigabytes.
- Predicted to reach over 950 Exabytes by 2015

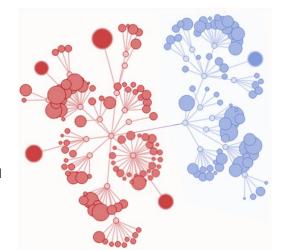
When we use search, often we aren't looking for precisely one item, because we may not be aware of what constitutes an ideal – or *correct* answer. Often, we intend to search for something *like* the concept we describe.

With standard Search-driven queries, at best, we may find *exactly* what we *search* for, but this may not always be exactly what we wanted.

CGI Insight Semantic Search is capable of reaching across multiple internal

and external data sources, finding data with has the same conceptual *meaning* as your query, then organising and presenting these results by theme.

In this way, Semantic Search is capable of retrieving information simply unobtainable using standard search techniques.





FACT SHEET

CGI INSIGHT SEMANTIC SEARCH

- Hosted or Enterprise Installation
- Access via standard browser
- Professional Services to tailor data feeds to your needs
- Subscription based pricing
- Maintenance free ontology
- Automatic tagging for use with existing search

Intelligent Search for your:

- Critical data
- Operational Staff
- Regulatory information
- Client records
- Legacy silo's
- Machine generated data
- Structured &Unstructured Internal & External data

"A symbol always transcends the one who makes use of it and makes him say in reality more than he is aware of expressing" Albert Camus

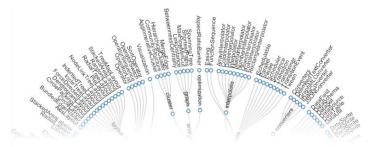
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HOW DOES IT WORK?

Insight Semantic Search takes a very different approach to search, utilising the study of Semiotics, Semantic signposts & context (Intertextuality) to aid in the identification of data.

Unlike many semantic search technologies, Insight Semantic Search – in addition to applying change control to sources; is capable of managing its own dictionary structure (ontology) without the need for ongoing effort in maintenance and update, a potentially significant cost saving.



It is based on powerful, scale-able CGI IP software, which performs the complex exercise of extracting data from a variety of file types, internal and external sources, making them available for the Semantic Search process.

Insight Semantic Search automatically generates an ontology, enabling data to be organised naturally and holistically, identifying semiotic tags or signposts from data within the corpus and deriving meaning from your data.

In addition, the technology is capable of identifying accurate document tags that may be used to augment existing enterprise search capabilities.

If your problems include:

- Finding client, competitor, operational or regulatory data
- Duplication of data
- · Looking outside as well as inside your organisation
- Structured, unstructured or bespoke data requirements
- Silo'd data
- Specific Analytic Requirements

Insight Semantic Search could expose the true value of your data, providing your organisation the knowledge to succeed.

ABOUT CGI

With over 68,000 professionals in 40 countries, CGI fosters local accountability for client success while bringing global delivery capabilities to clients' front doors. Founded in 1976, CGI applies a disciplined delivery approach that has achieved an industry-leading track record of on-time, onbudget projects. Our high-quality business consulting, systems integration and outsourcing services help clients leverage current investments while adopting new technology and business strategies that achieve top and bottom line results. As a demonstration of our commitment, our average client satisfaction score for the past 10 years has measured consistently higher than 9 out of 10.

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