📞 Call
304-625-6067

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108 Cambridge Place Suite B, Bridgeport, WV 26330

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www.fusiontechnology-llc.com

FUSION TECHNOLOGY

Connecting the Dots, Finding the Unknown

Enterprise Search

Enterprise search utilizes complex algorithms and proven strategies that enable customers to perform deep-dive search and analysis on multiple datasets. Enterprise search provides the tools to find data and also connect that data together. Searches can be performed on keywords or by using more complex methods such as conceptual searching and advanced Boolean logic.

Fusion Technology has five years of experience utilizing enterprise search with multiple software solutions, including traditional Oracle RDMS, IBM Initiate, MicroFocus IDOL, and Elastic Search. Fusion Technology has applied this expertise to develop the architecture for, as well as support of, the enterprise search capabilities of one of the largest collections of record sets within the FBI. This solution consists of more than 270 servers that search more than 400 million documents.

Fusion Technology staff serve as administrators and consultants on search and retrieval for multiple systems throughout the FBI. Additionally, Fusion Technology provides consultation and technical expertise in the interfacing with remote search and retrieval systems and the federating of those results back to end users.

Deployed and maintained services on several platforms and hardware

- On Premise Physical Servers
- On Premise VmWare
- Amazon Web Services
- Windows
- Linux (RedHat and Centos)

Experts in building queries in leading search software solutions

- Elastic Search
- MicroFocus IDOL

Experience with entire lifecycle of search and retrieval of large datasets (hundreds of millions of documents, billions of data elements)

- Extract, Transform, and Load millions of records daily
- Streaming and bulk loading of data into multiple repositories
- Expiration and purging of records
- Long term and short term storage.
- Clustering, scaling, and performance. (Highly Available and Redundant)
- Bringing focused and accurate results to the user

HUBZone
Historically Underutilized Business Zone
CERTIFIED

CMMISVC/3℠
Exp. 2021-09-28 / Appraisal #32516

CMMIDEV/3℠
Exp. 2021-09-28 / Appraisal #32516

ISO 9001:2015   ISO/IEC 27001:2013   ISO/IEC 20000-1:2011