Highly Available And Scalable Big Data Search

**BUSINESS REQUIREMENT**
- Enable Quick search on huge volume of data
- Efficient Near Real Time (NRT) data search capabilities.
- Capability of Faceted search / Full text search.

**OUR SOLUTIONS**
- Data ingestion into Hadoop and storage into NoSQL Columnar Database HBase.
- Happiest Mind’s innovation: Index (controlled by HBASE co-processor) data into Search Cluster (ElasticSearch).

**IMPACT**
- Fast and scalable processing of source feeds
- Flexibility and ease of search on source feeds.
- Real time indexing of modified data.

**Source**

Structured Data feed + Unstructured Logs

**Processing**

HADOOP

HBASE Cluster

Elastic Search Cluster

Search Interface

Modified Search Query

About Us

Happiest Minds, the Mindful IT Company, applies agile methodologies to enable digital transformation for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights. We leverage a spectrum of disruptive technologies such as Big Data Analytics, AI & Cognitive Computing, Internet of Things, Cloud, Security, SDN-NFV, RPA, Blockchain, etc. Positioned as “Born Digital. Born Agile”, our capabilities spans across product engineering, digital business solutions, infrastructure management and security services. We deliver these services across industry sectors such as retail, consumer packaged goods, education, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality. Headquartered in Bangalore, India, Happiest Minds has operations in USA, UK, The Netherlands, Australia and Middle East.

Media Contact
media@happiestminds.com

Business Contact
business@happiestminds.com