



## Enabling quicker and better content driven decision-making with MarkLogic

### HTC's MarkLogic Expertise

MarkLogic's powerful and trusted Enterprise NoSQL database platform supports enterprises to transform their data into valuable information. Many global enterprises rely on MarkLogic for managing day-to-day operations and gaining better business insights.

HTC is a MarkLogic business partner with over 6 years of experience in providing customized MarkLogic solutions for several leading global enterprises. Our MarkLogic solutions have enabled clients manage all types of data and content management challenges, enable precise data-driven decision-making, and maximize returns from MarkLogic.

HTC provides:

- Common Repository Solutions
- Metadata Catalog Solutions
- Digital Content Delivery Solutions
- Information Intelligence Solutions

### HTC's MarkLogic Service Offerings

HTC provides a full spectrum of solutions using MarkLogic platform which includes:

#### Application Development

- XQuery modules development for MarkLogic
- Map XML documents Schema
- Tools development for MarkLogic performance monitoring and parallel testing
- Development of SOAP/REST services for retrieving document properties
- User interface development

### Advantages of MarkLogic NoSQL database platform:

- Simpler Data Integration – as is ingestion of all data in any format, reduces time and cost of expensive data mapping and integration
- Powerful Search and Query with built in enterprise search, customizable indexing permits complex queries across all data
- Semantics inside the platform, alongside your documents and other data, confers the power to store and query linked data
- ACID transactions – ensures enterprise transactional and data consistency
- Reduced Infrastructure Costs - deploy enterprise applications on premise or in the cloud with options to scale horizontally in future
- One Unified Platform - no need to build separate systems for transactions, analytics, and search
- Highest Security Certifications / ratings - used by the US Intelligence Community and Department of Defence
- Hadoop Optimization - allows you to leverage low cost of Hadoop storage and benefit from enterprise features - ACID transactions, high availability and disaster recovery, government-grade security, and performance monitoring

## Search and Edit

- Integration of MarkLogic search and front-end apps
- Implementation and customization of search facility (supports keyword search, synonyms, fuzzy search, hit highlighting, sorting, faceted navigation, and relevant search)
- Implementation of pagination and document / image retrieval capabilities

## Data Loading

- Analysis of source data
- Identification of data conversion requirements
- Development of data conversion scripts
- Conversion of data in compliance with organization standards
- Development of custom Record-Loaders to load data into the MarkLogic server
- Creation of batch jobs for periodic data loads
- Configuration of indexes

## Support

- Performance tuning
- Analysis of XQuery and tuning indexes and XQuery
- Backup and restore data

## Value to Customer

- Eliminates data silos and cuts down on expensive data integration
- Single platform for managing transactions, analytics, and search
- Full featured API and Web Services for application integration
- Eliminates complex ETL processes for analytics and big data applications
- Reduces data storage costs with tiered storage capability that supports Amazon S3, HDFS, SSD, shared disk, or local disk storage
- Provides certified, fine-grained, government-grade security at the database level

### About HTC:

- Extensive experience in providing cost effective and innovative IT and Business Process Services and Solutions across domains for global customers since 1990
- Quality and information security processes compliant to SEI CMM Level 5, ISO 9001, ISO 27001, and PCI DSS standards
- Global presence, large delivery centers, talented professionals, capabilities across multiple technologies, platforms, and domains



### HTC Global Services

USA | UK | Germany | India | UAE | Australia | Malaysia | Singapore | Indonesia  
E-mail: [contact@htcinc.com](mailto:contact@htcinc.com) Web: [www.htcinc.com](http://www.htcinc.com)