



Success Stories

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Virtual Drive: Document Manager

The Requirement

- Searches the content of client's documents.
- Improvement of user experience, reducing the time spent searching their scans.
- High availability of the solution.

Why Virtual Drive?

- Virtual Drive was implemented in order to offer a high added value service to clients.

Achieved Results

- Virtual Drive centralizes, contains and offers indexation and search services to each application of its clients.
- The clients execute searches on metadata and/or the content of scanned documents.
- The clients define their own types of documents, metadata and filters.



Benefits

They were able to respond to their client's needs in less than half the time then prior applications they were using. Additionally, they were suffering from a large amount of bad, duplicate and expired data that our solution resolved quickly and with a high degree of accuracy. They saved large amounts of revenue and were able to expand with new projects and opportunities.

As a testament to our success, we still service their account today nearly 5 years later.

Search, process and analysis of high-volume data in real time with the Mototech Group Big Data platform.

The Business

Neustar, Inc is a private company incorporated in Delaware in 1998. Started as a business unit within Lockheed Martin Corp. In 1997, while part of Lockheed Martin, they won the contract to administer the North American Numbering Plan (NANP). That's phone numbers, which people could finally port, creating a massive database in need of a neutral steward to give telephone companies equal access to everybody's digits. To ensure neutrality, in 1999 Lockheed Martin divested them: renamed Neustar. A provider of clearinghouse and directory services to the global communications and Internet industries. Neustar is the domain name registry for .biz, .us (on behalf of US Dept of Commerce), .co, and .nyc top-level domains.

The Problem

Every day, Neustar enables billions of DNS queries and millions of text messages and phone calls. Besides serving thousands of customers worldwide, they touch the lives of people everywhere. Neustar has very large data flows, some of the largest globally, from multiple sources to be processed, deduplicated and normalized. This data also had to be indexed in the shortest possible time. Finally, they should be able to be acquired or searched in real time, be filtered at the time of being accessed.

The Solution

The Mototech Group solution was to implement a comprehensive big data platform that handles data processing, indexing and search and a series of portals for viewing.

From a technical point of view:

- First, all their data needed to be merged, cleaned and normalized; this comes from multiple sources in many different formats.
- Then it's indexed in the shortest possible time and can be replicated between servers with a system specific to the application.
- The searches are fast and precise, refined with a system of categories, synonyms, expansions, etc.
- Through the different portals, the data can be displayed or hidden at will, based on standard criteria: different clients.

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