

Customer Story: De-Identifying 13 Million Messages

Customer Background

- Global HIT vendor working with sensitive patient data from a major Midwestern IDN

In the Analyst's Words

"In 2011, I enlisted to help determine a solution to de-identify several gigabytes (>13 million messages) of data delivered by multiple independent clinical systems. Not only did we need to de-identify, we needed to retain the relationship of all information in the messages from start to finish.

" Our team worked diligently to attempt a solution. De-identification and maintaining those clinical data relationships was a daunting, if not impossible task. Add to this, the task of satisfying the stringent HIPAA requirements, a "yesterday" deadline, and request for an immediate gap analysis of the multiple sending systems' data, the outcome wasn't looking too positive. The expected time frame for a manually prepared gap analysis was approximately eight weeks, and we had no idea what to calculate for the de-id timeline. This really didn't work well with an "ASAP" or "Need it *Yesterday*" deadline... Fortunately, we discovered Caristix, and were intrigued and inspired by the promoted features of the product suite.

"Caristix software provided a gap analysis solution in mere days, as opposed to weeks. The power of the Cloak software to de-identify and retain data relationships is/was impressive, and delivered a solution which, in turn, allowed the team to successfully de-identify almost ten gigabytes of patient data (>13 million records), while maintaining the relationship of all message data from the first message through more than thirteen million messages in a fashion that easily met and/or exceeded HIPAA and security requirements.

"The actual process of preparing the criteria for de-identifying the 13million+ HL7 messages was approximately seven days, and the actual de-identification process was about eight days (we had to make multiple passes to ensure not only patient data, but multiple physician data relationships were retained).

"We found Caristix applications to be extremely user friendly, and when there were questions, the Caristix group was near-immediate in their responses. By

enlisting Caristix software as a solution to our needs, the team was free of stress and successful in delivering results with an unbelievable turnaround time. “

About Caristix

The average US hospital runs up to 100 IT applications. Not a single one of them can share patient information out of the box. So hospitals and vendors turn to data interfaces – 50 to 100 of them in an average hospital. Each interface can take months of painstaking manual work to set up.

Caristix has developed a software suite to automate manual interface work. Our software reads HL7 data and outputs a list of interface requirements. As a result, Caristix software can reduce months of work to a few days. Reduce interface deployment time by 50%, reduce hospital testing time by 75%, and cut interface maintenance time by 90%.

Download

Download a white paper on new HL7 integration capabilities enabled by Caristix technology at <http://promo.caristix.com/li-whitepaper-offer/>

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