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Inkriti

Web 2.0

Solutions for Customer-Centric E-business

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Infectious Disease Monitoring System for the State of New York, Department of Health

A Case Study

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The Client

The New York State Department of Health (NYSDOH), Incident Management is charged with monitoring the spread of infectious diseases within the State of New York. Through effective monitoring, it would be able to provide an early warning system in the instance of an outbreak - either natural or man-made.

The Need

The NYSDOH needed a web-based application that would be accessible to the various counties and hospitals within the state. Through this application, the personnel within these hospitals would be able to answer surveys relating to any particular incidents regarding infectious diseases.

So, in effect, the objective was to empower counties and hospitals to record and report data related to incidents like Avian Flu, SARS etc to the NYSDOH.

The Solution

The solution was to build a web-based application framework called Hospital Information Network (HIN) that would allow the NYSDOH to develop custom surveys on the fly, thereby allowing them to collect appropriate data very rapidly and respond rapidly to any calamity. This framework would allow the department to build survey pages dynamically using a web-based tool.

NYSDOH would then inform the counties and hospitals through the NYSDOH website regarding the survey. After this data is collected,

the NYSDOH datamodels would allow the department to analyze the data related to these incidents.

The Project

Inkriti along with a partner built the solution using the following technologies:

- ✓ J2EE, Struts
- ✓ BEA Application Server
- ✓ JMS messaging
- ✓ Sybase 12.5 for the database

About Inkriti

Inkriti is a technology consulting company that is a leading provider of Web 2.0 Solutions for customer-centric e-business. Our solutions leverage Web 2.0 principles to attract, convert and retain more customers online. Our clients include large firms like Bose, Lillian Vernon, Time Life, Chadwicks and Lane Bryant.

In addition to our Web 2.0 expertise, our Global Delivery methodology results in a 65% savings in IT costs, provides resource flexibility and reduces time-to-market.

We can be reached online at <http://www.inkriti.com>

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