Abstract

Riverside County Sheriff's Megan's Sex Offender Law Website: Lessons Learned

Track: Law Enforcement and Criminal Justice

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In accordance with 1996 Megan's Law authorizing law enforcement authorities to disclose the presence of known sex offenders in a community, the Riverside County Sheriff's Department and the Transportation & Land Management Agency along with ESRI Implementation Services worked jointly to develop this sex offender website. The design focus was a capability to handle high traffic at low bandwidths, without compromising the public's access to all the information permitted under current state law. These types of mapping websites are rather unique and different from most mapping websites which handle a steady flow of inquiries, handling normal hits. These "spike or heartbeat" Web sites, however, experience severe hits in a very short window of time. The site was designed using ArcIMS, ArcSDE, and ESRI Implementation Services' Sex Offender Site Starter Solution with several tools to optimize for the amount of hits expected to the site. This design included directly accessing ArcSDE pooling functions and handling such tasks as Identify and Zoom. This paper and presentation will cover the application lessons learned, deployment issues, system sizing, and project management methodology.

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