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Kansas DOT's new implementation of active Straight Line Diagrams within their GIS web portal

Presenter

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Straight Line Diagrams (SLD) has long been known as a time-tested method for collecting a large amount of data about linear networks into a user-friendly display. Kansas DOT has taken a fresh new approach to SLDs by integrating them into their KGATE GIS Web portal as SLD Web Services. These newly implemented SLD web services allow for a seamless integration between existing web portal functionality and intelligent Scalable Vector Graphic displays.

This session will cover the various aspects involved in the integration and creation of Kansas DOT's Straight Line Diagram (SLD) web services system. The session will also demonstrate some of the many benefits within the new SLD and how is used to compile and analyze statewide asset data simultaneously.