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Single Source LRS at Idaho Transportation Dept : Getting the details right

Presenter

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Idaho Transportation Department (ITD), an early adopter of single-source, automated LRS, continues to be an innovator in this field. This session reviews the multi-LRM, temporal linear referencing system that ITD is currently implementing. Some of ITD's design goals for this project were:

- Maintain single-source, temporal LRS for the enterprise
- Maintain/improve current LRS data and data structure
- Custom, task-specific interface built on top of ESRI's ArcEngine framework
- Ability to handle concurrency, gaps, roundabouts, multiple LRMs, etc.
- Extensive LRS and Event (business) data quality control
- Project-based LRS editing with temporality
- Event location stability throughout the enterprise

The challenges faced and the approaches used will be discussed.

Bio(s):

Phil Hardy is the LRS Product Manager at AgileAssets. He has been in the transportation industry for 29 years working in both roadway design and asset management. Phil has designed and implemented LRS management systems for clients worldwide.