

Powering a Spatial Project Dashboard in Google Earth Enterprise with FME



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Burns & McDonnell Overview

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- 110 Years In Business
- >2900 Staff
- 100% Employee-Owned
- Full Service Capabilities
 - Development
 - Permitting
 - Design
 - EPC Construction
- Headquartered in Kansas City
- 18 Regional Offices



- Energy
 - Transmission & Distribution
 - Business & Technology Services
 - Environmental Studies & Permitting
 - Construction Design-Build
- Aviation & Facilities
 - Environmental Remediation
 - Process & Industrial
 - Health Care
 - Infrastructure



OneTouchPM™ is a geospatial dashboard used to organize all a projects information and make it easily accessible and useful

OneTouchPM Projects

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- Northeast Utilities
 - Middletown- Norwalk \$1.0 Billion
 - NEEWS \$2.5 Billion
- Southern California Edison
 - TRTP I-III \$4.5 Billion
- Oklahoma Gas & Electric
 - Windspeed \$0.6 Billion
- Central Maine Power
 - MPRP \$2.5 Billion
- Pennsylvania Power & Light
 - SRTP \$1.0 Billion

OneTouchPM Live Demo

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- Tips for reducing file size
- Review translation that places 3D Models
- FME KML Network Link Service for creating custom reports
- Use of Job Submitter Service
- Other advanced KML writing techniques

- \$100 million saved (10%)
- Finished 1 year ahead of schedule
- 10-20% increase in field productivity
- Risk Reduction - No Lost Days (\$400k/day)
- Customer calls reduced from hours to minutes
- Improved communications (**Metcalfe's Law**)
- Raised stakeholder comfort level = more control on next project

Final Thought

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This system is not possible without the strength of FME and Google Earth

Thank You!

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- Questions?
- For more information
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