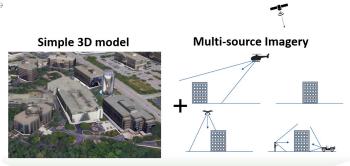
MUSIC

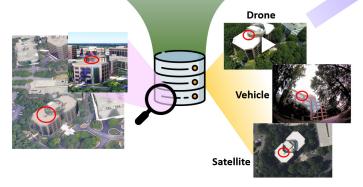
Multi-Source Imagery Conflation



Spatially-index image database



Selected Frame



Search >20k frames/sec to find best clips





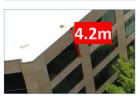


Image references to model enables measurement of object sizes

SUMMARY

- Drone-derived photogrammetry views combined with satellite-derived models
- MUSIC finds high-detail image and video footage of a point on the 3D model
- Uses pose metadata to score frames for proximity, clarity and framing of location
- Search 16 hours of video per minute from any number of input sources
- Planar-reprojection enables accurate measurement of image features using lightweight 3D model
- Supports any imaging spectrum or source

APPLICATIONS

- Mission Planning
 - Map all sides of building onto 3D model
 - 360-degree views of building
 - See the back and side doors in seconds
- Risk/Change analysis
 - Ultra-accurate, measurable model
- Web-UI enables usage anywhere by thin clients
 - Achieve real-time mission critical information

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