DARPA
DARPATech
2002 Symposium
Transforming
Fantasy

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Thomas M. Strat
Program Manager
Transforming
Fantasy

Precision Target Identification

Thomas M. Strat

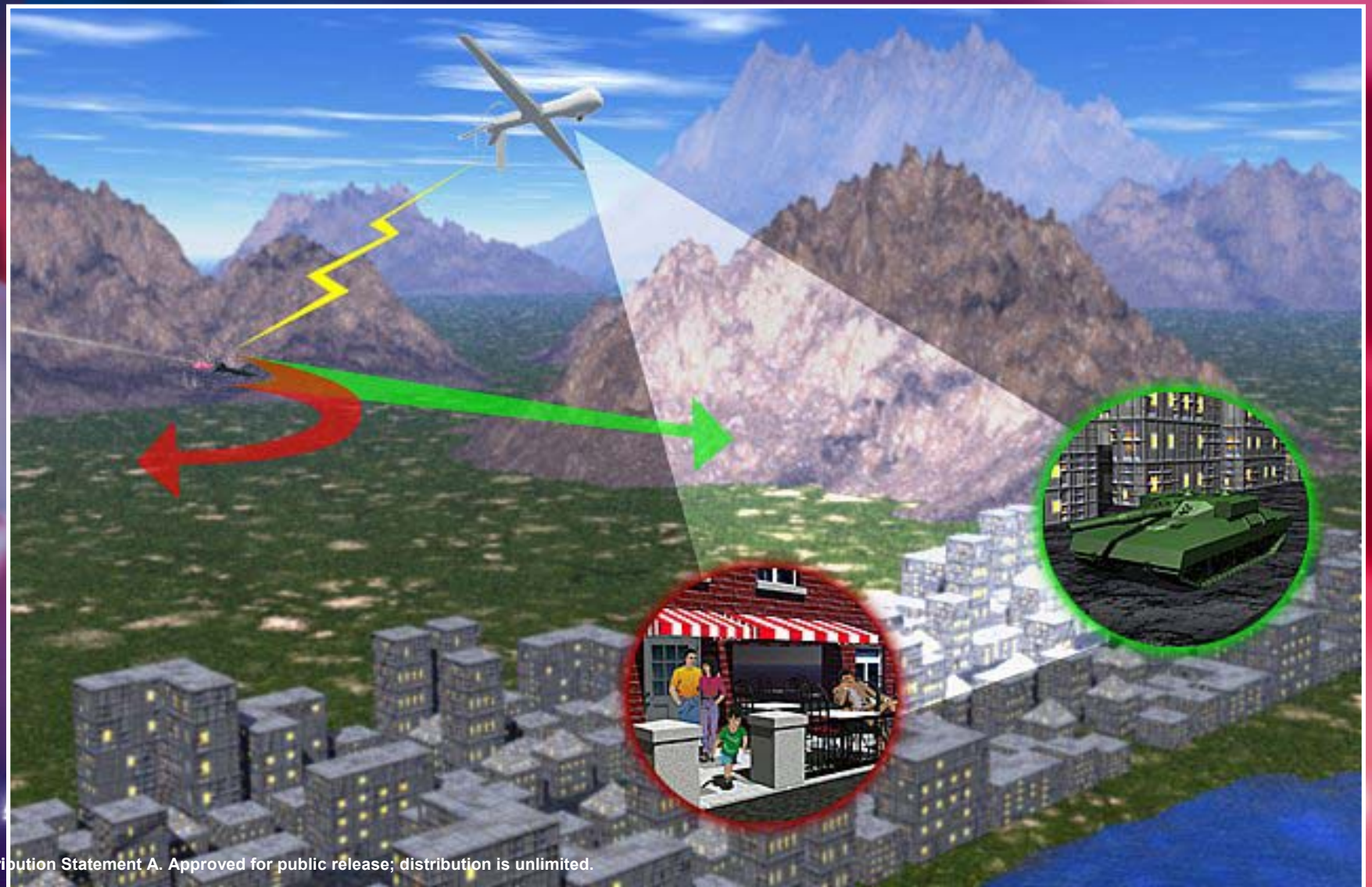
The Goal of Precision ID

Destroy the right target and ONLY that target.

Distribution Statement A. Approved for public release; distribution is unlimited.

Precision ID

- Close-in sensors



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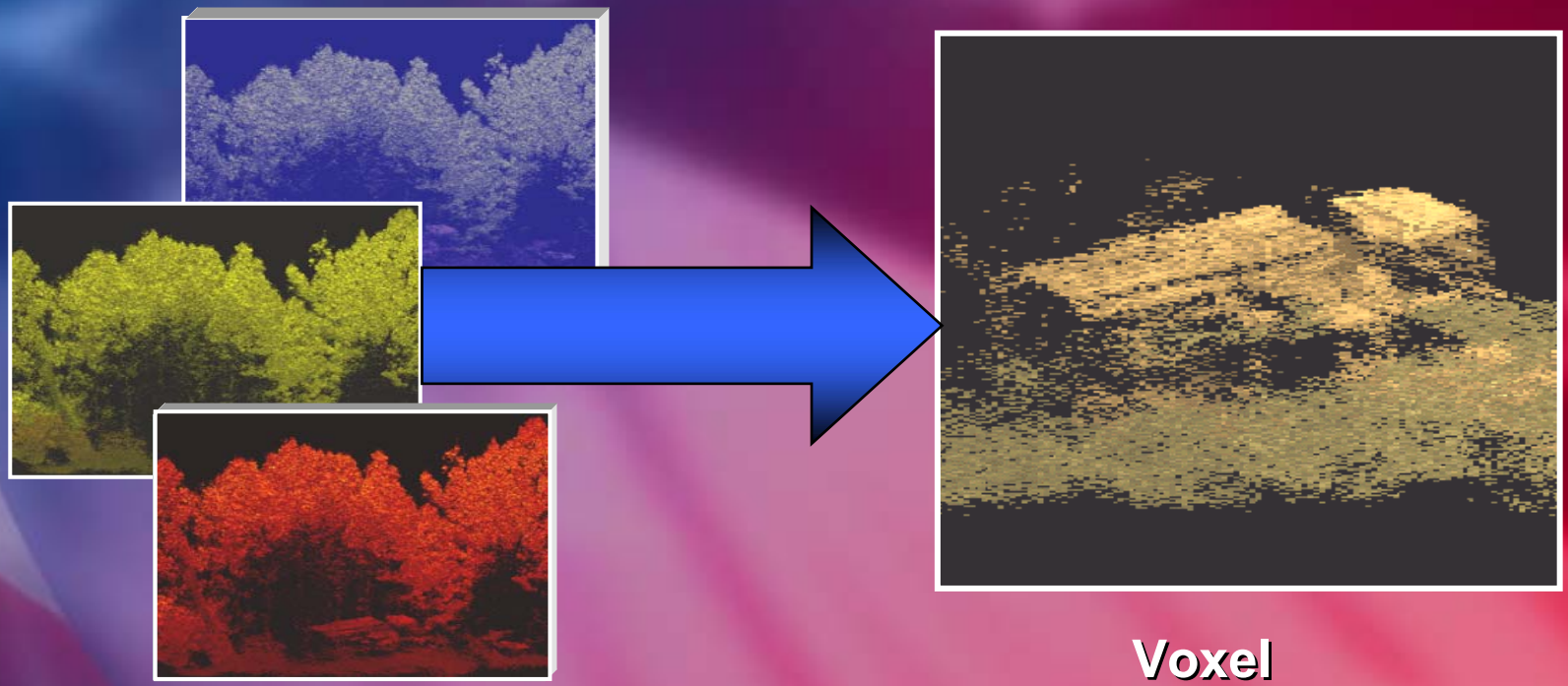
Precision ID

- Identification based primarily on 3-D Geometry



Multi-View
3-D Registration

Voxel
Representation

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3D Sensor Development

Exploitation of 3D Data

Video Target Identification

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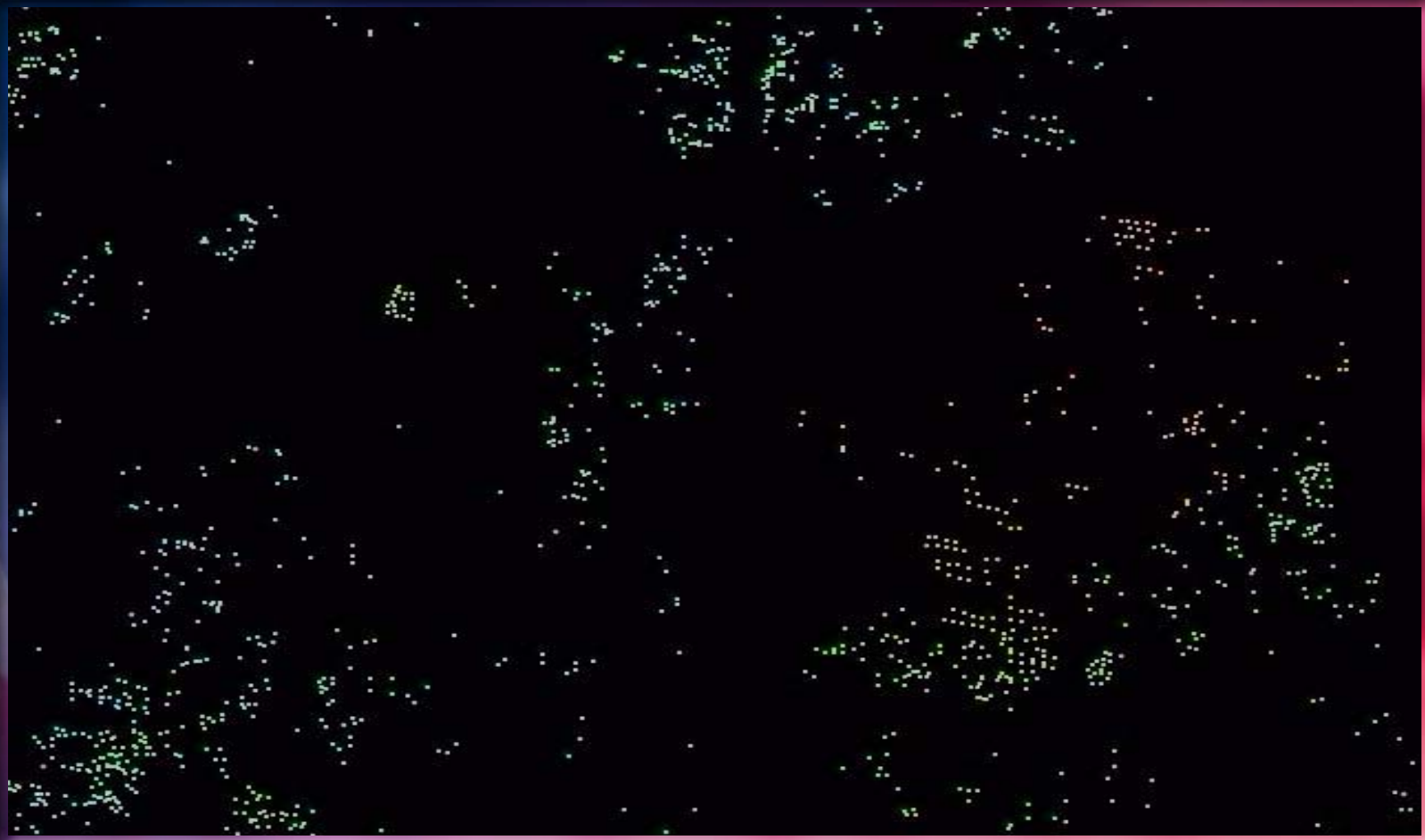

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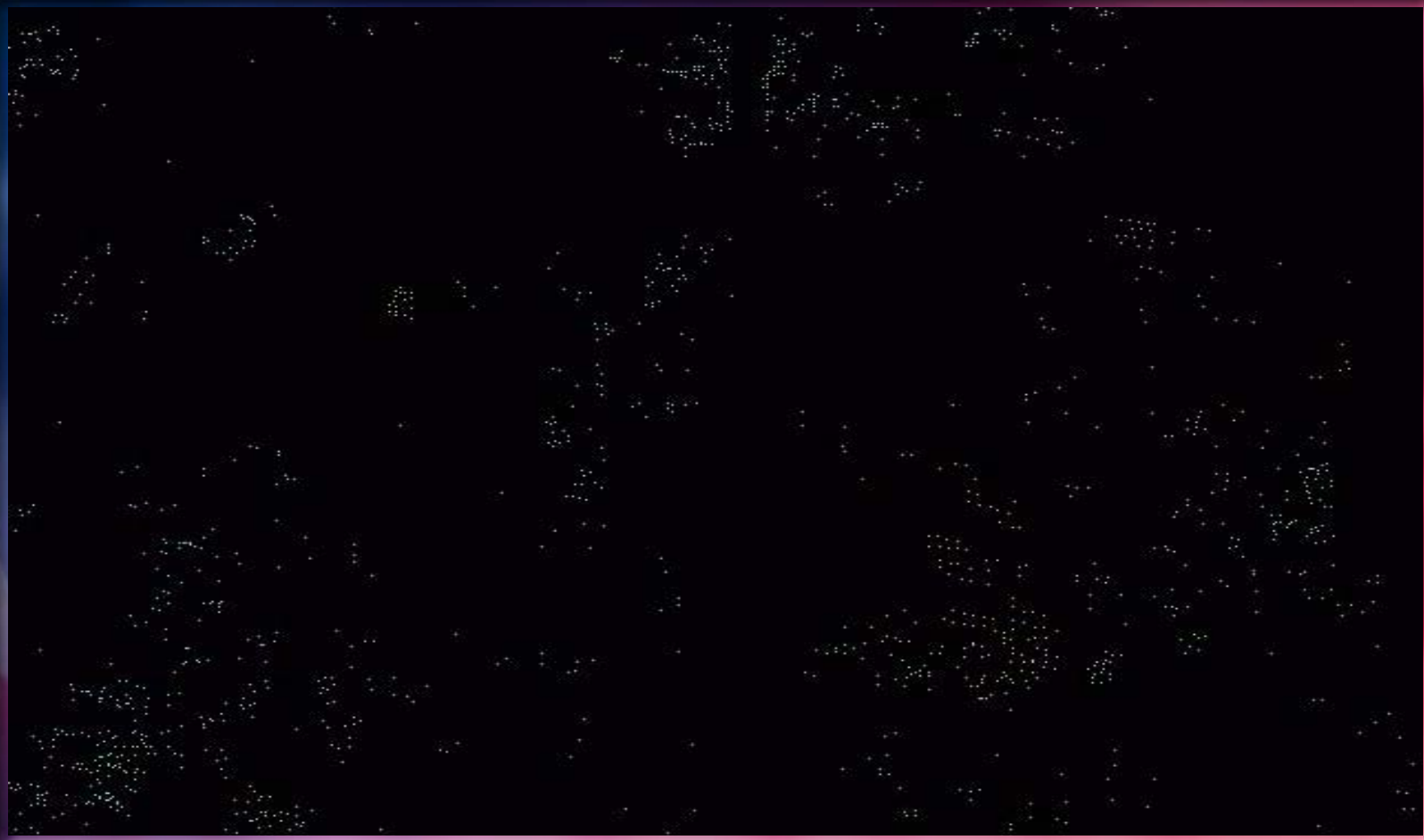

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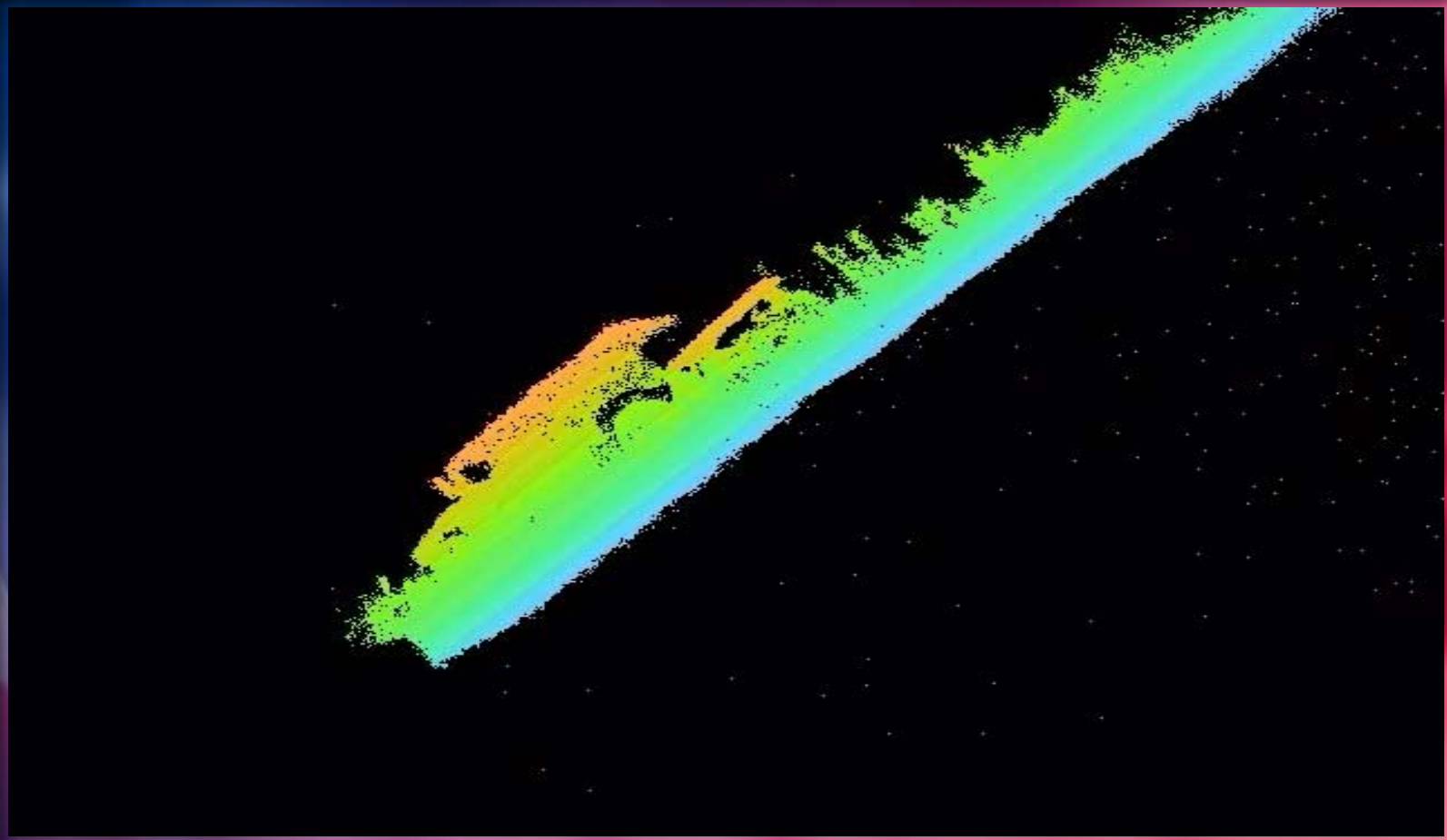

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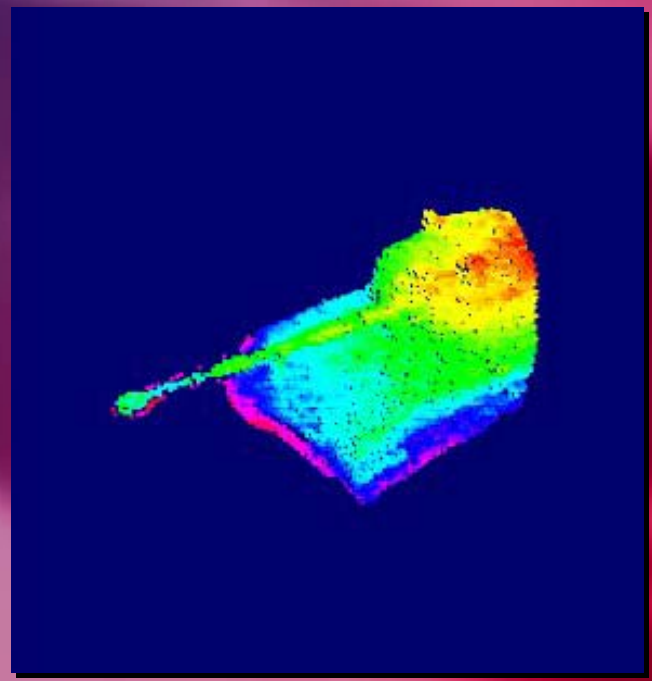
M109 Self-Propelled Howitzer Behind Wall



Partially Occluded Depth Model

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VIVID will identify and track the target Using advanced model-matching procedures.

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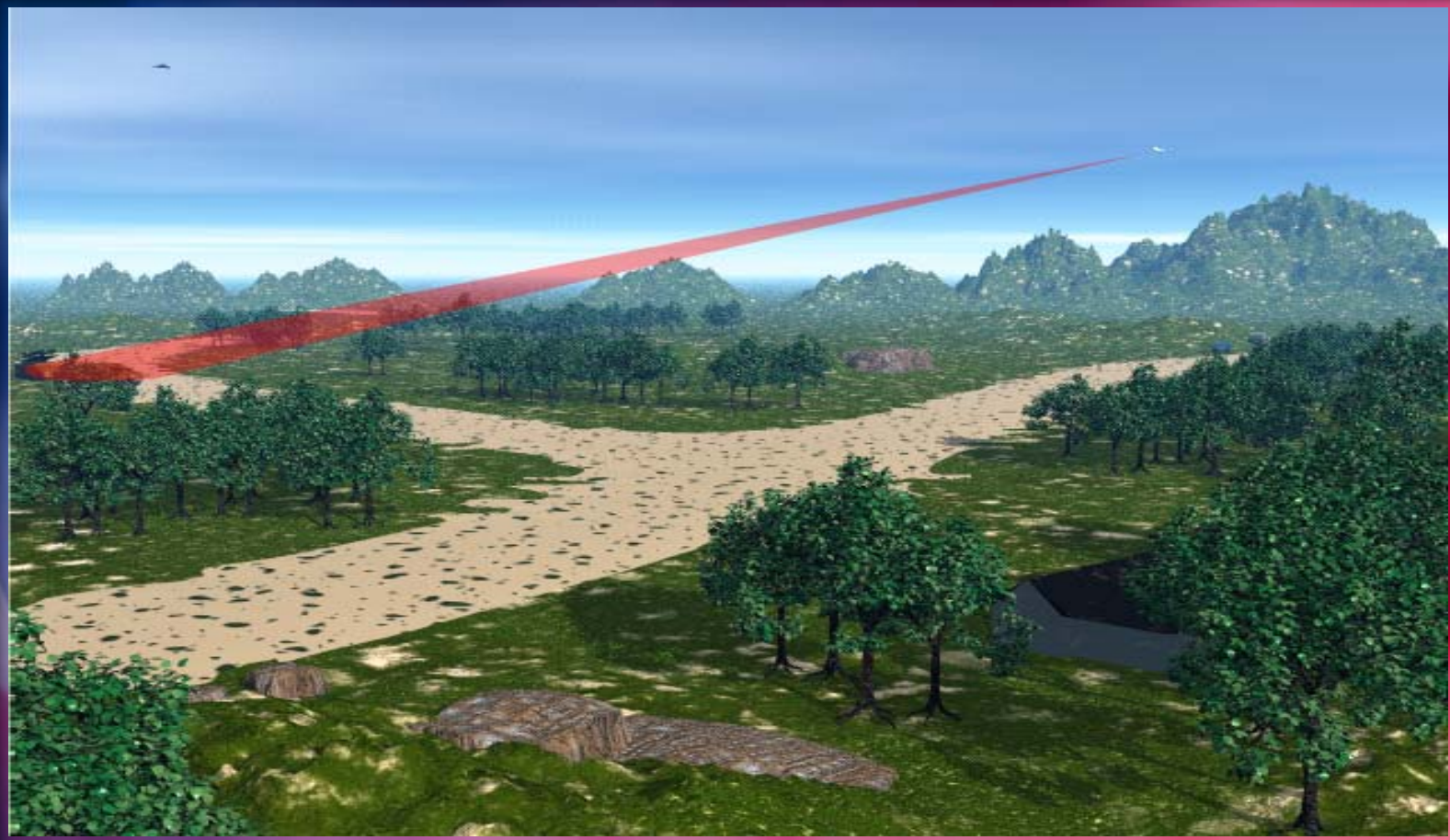

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3D Sensor Development

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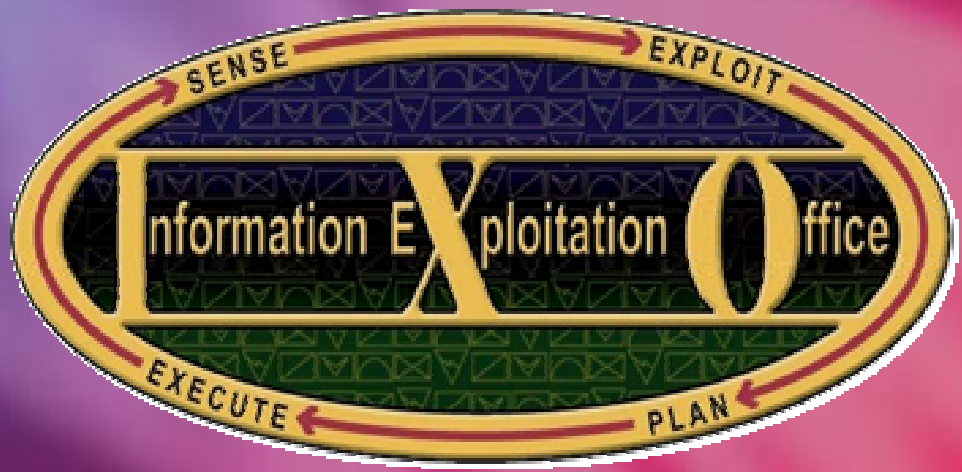
Precision Target ID



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