



Intelligence Assets Below the Battalion Level

Presented By

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Booth # 120



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Blackhawk Down Video Clip



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“Lessons Learned” in Iraq

1. Tactical Awareness vs. Intelligence Gathering
2. Insurgent Operations in a MOUT Environment
3. Difficulty in tasking National Assets
4. Dissemination of intelligence to lowest combat elements in real-time



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Warfighter Inputs

1. Provide real-time tactical awareness
2. No significant re-training of end-user
3. Using existing weapon systems
4. Available down to the squad level
5. Disposable
6. Inexpensive vs. UAVs



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MEI's Solution

1. Baseline hardware utilizing existing M583
2. Electronics "package" developed by First Witness Video specifically for this application
3. Deployed using existing M203s
4. Disposable – 20 minute battery life
5. Adaptable to any laptop, POD or Tactical Data Device with a USB port



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HUNTIR Program Evolution

1. Program inception - February 2004
2. First Witness involvement - March 2004
3. Initial Design Review - April 2004
4. Proof of Concept Flight - June 2004
5. 1st successful launch with streaming video – August 2004
6. 1st tactical demonstration – February 2005



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Next Generation

1. GPS Chip-on-Chip for targeting capability
2. Frequency Hopping capability
3. Enhanced maneuvering via “muscle-wires”
4. Additional sensor payloads
5. Area jamming capabilities
6. Enhanced intelligence collection storage capabilities



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Questions