Intelligence Assets Below the Battalion Level

Presented By

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Booth # 120
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Blackhawk Down Video Clip
“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
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
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
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