



Degraded Visual Environment (DVE) Solutions



SNC's lifesaving Degraded Visual Environment (DVE) solutions improve flight safety, readiness and mission success. This capability provides commanders the ability to – *Own the Environment™* – by successfully executing missions in low-visibility conditions that our adversaries cannot operate in. Our scalable, sensor-agnostic, open architecture DVE solutions provide pilots with a real-time multi-sensor fused common operating picture that restores pilot situational awareness (SA). Our DVE solutions leverage more than two decades of experience and investment to provide the most mature, comprehensive solution available today for mitigating multiple forms of DVE.

DVE Solutions

Own the Environment

SYSTEM ATTRIBUTES

Capabilities

- SA in zero-visibility environments
- Enroute obstacle & terrain collision avoidance
- Supports LZ suitability assessment at range & landing hazard ID
- Enroute & landing guidance
- 3D Conformal Symbolology
- Assured Navigation (GPS degraded/denied)
- Aids in unusual attitude recovery & inadvertent IMC
- Tracking in-formation & out-of-formation aircraft
- "Set & forget" moding reduces workload in all flight phases
- Recordable & exportable for mission analysis & 3D data

Sustainment

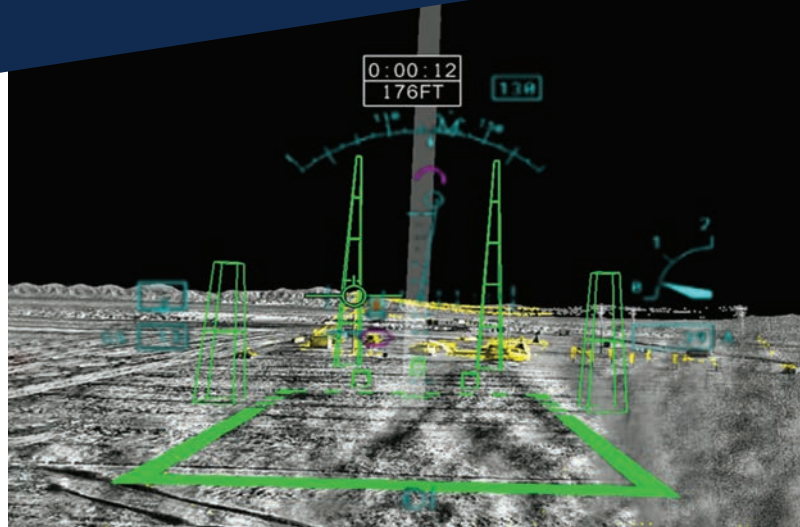
- CONUS & OCONUS Support

Aircraft Integrations

- Complete/Fielded: MH-47G, MH-60M, HH-60M, HH-60G
- In Process: CH-47F, V-280 with HMD, AMCS
- Planned: UH-60M, HH-60W

Sensors

- IR camera, lidar, MMW radar
- Pre-mission data: DTED, DVOF, LAP & more



ONGOING UPGRADES



Expanded Guidance & Symbology



Additional Sensor Integration & Fusion



Expanded GPS-Degraded/
Denied Assured Navigation



Data Sharing



Expanded Open Architecture



Flexible System Configurations



Heads Up, Eyes Out



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