SNC’s Degraded Visual Environment (DVE) solutions provide increased flight safety and operational capability by restoring pilot situational awareness in currently prohibitive degraded visual environments. These multi-sensor, configurable systems utilize input from a number of passive and active, high-resolution and deep penetrating sensors to provide real-time, multi-sensor fused imagery and command guidance symbology throughout the entire operational flight envelope. Solutions are available for fixed-wing and rotary-wing aircraft. Our DVE solutions leverage over a decade of experience and investment to provide the most mature, comprehensive solution for mitigating multiple forms of DVE available today.
DVE Solutions
Degraded Visual Environment (DVE) Solutions

Own Your Environment
- See through obscurants, anywhere & anytime
- Takeoff, enroute and landing
- Hazard detection & highlighting
- Terrain & obstacle proximity alerts
- Multi-ship operations
- Degraded Navigation Aid

System Solutions
- Single or multi-sensor configurations
- Real-time fusion of active & passive sensors
- Geo-registered scaled & aligned imagery
- Fused 3-D Real World Model
- Integrated 2-D & Conformal 3-D Navigation & Guidance Symbology
- MFD, HMD or HUD display options