



NAVAL RESEARCH LABORATORY

TECHNOLOGY LICENSING OPPORTUNITY

Advantages/Features

Shows line-of-sight and viewsheds for any type of 3D digital scene, at high resolution

HUD displays UTM, MGRS, or Lat/Lon coordinates. Displays distances, slant angles, height above ground, height above surface, etc.

All surfaces are color-coded, including interiors, under bridges and overhangs, vertical surfaces

Scenes can be saved as imagery (shown above), or rendered in real time and viewed from any angle

Applications

Tactical air control, force protection (expose areas in defilade), sniper/counter-sniper mission planning, covert ingress/egress and reconnaissance, convoy/protectee planning, and general threat assessment

High value security and training for military and law enforcement, SWAT, viewshed determination for geospatial intelligence, architectural design, placement of video surveillance cameras and sensors

For more information contact:

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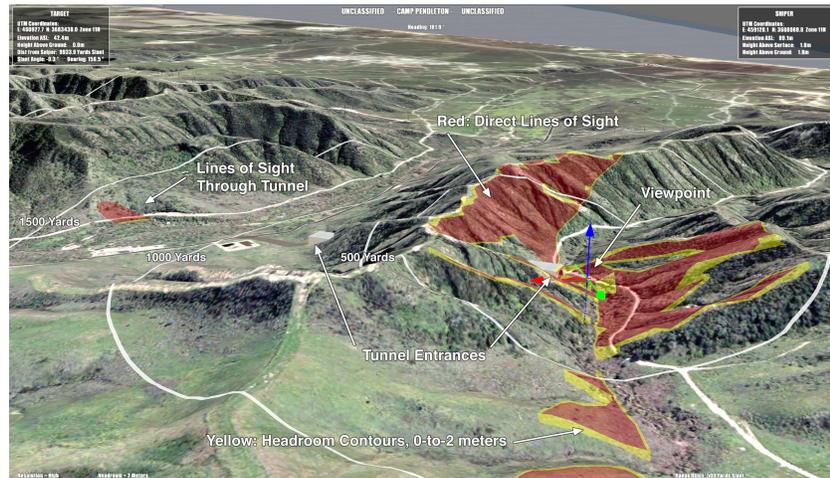
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Identification Number:

IT09

SNIPER-RT®



Model of Camp Pendleton viewed in Sniper-RT®. The viewpoint is at the center of the six-arm dragger. Areas within a direct line of sight are colored red. Areas with headrooms of 0-to-2-meters are colored yellow. Note lines of sight through tunnel. When the viewpoint is moved by a mouse, the color-coded viewshed changes in real time and in three dimensions.

The U.S. Naval Research Laboratory (NRL) has developed a mission-planning software tool for planning sniper/counter-sniper missions, special recon, force protection, personnel security, and sensor, camera, and mine placement. By asking, "what can I see" and "where can I be seen", the tool graphically indicates areas visible to observers at known positions in a 3D scene, as well as positions from which these observers can be seen. This laptop-deployable software application uses digital 3D terrain data from any source to determine and display these locations. Additional features include custom range-rings/grids, headroom contours, and multiple coordinate displays. It is in use by federal law enforcement and the U.S. Intelligence Community (IC). Sniper-RT® can be deployed on any laptop with a medium-level graphics card. Best performance with a 2+ core processor. There are no other hardware, software, licensing, or training preconditions.

Available for License: Sniper-RT® is a registered trademark.

