

## GSS - CNI Perimeter Detection and Tracking Solutions.

**Thermal Imaging** - Thermal security cameras use thermal energy invisible to the naked eye, thermal energy passes through many obscurants including; smoke, dust, modest foliage and light fog. In most cases, thermal energy travels through the atmosphere more effectively than visible light, as a result, thermal imagers can see activity at extreme ranges when visible cameras, which rely on color contrast, fail.

**Long range target detection** - GSS can provide a day/night vision technology platform to enhance users' ability to see, interpret, and respond to potential security threats. The solution consists of an innovative, near infra-red, continuous-wave laser illumination beam with an automatically synchronized CCD imager enabling unsurpassed details and clarity.

A versatile surveillance assessment tool delivering high resolution, glass penetrating, natural contrast video in any lighting condition. Long range target detection enables the assessment of potential threats at long distances up to 3,000 meters in zero light with continuous zoom. A solution ideally suited for efficiently covering borders, perimeters and investigative surveillance applications.

**Tracking and positioning solutions** – GSS enterprise security solutions can include target-display coordination software, a powerful and unique processing platform that integrates camera control, image stabilization, advanced image processing, object tracking and behaviour analysis.

The system coordinates and displays data on an integrated, geo-referenced topology map, showing geo-located targets in real time as moving icons overlaid on dynamic camera templates, providing true situational analysis for real decision making capability.

GSS Enterprise solutions are designed around the risks and requirements of each individual client and location, for further information or to discuss a specific requirement please contact us confidentially at: [cni.solutions@guidesecurity.co.uk](mailto:cni.solutions@guidesecurity.co.uk)



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