

3DC3I Next-Generation Situational Awareness

Pro2Serve's Integrated Physical Security Solutions Division offers our 3DC3I next-generation situational awareness solution. By integrating commercially available wireless technology, situational awareness software developed by Lawrence Livermore National Laboratory (LLNL), and detection / assessment / tracking systems, our solution provides the commander with a more cohesive situation picture than has ever been available before.

Pro2Serve's solution leverages our extensive experience in the design and deployment of security systems that maximize use of commercial off-the-shelf (COTS) components to optimize system performance versus cost. The government-developed 3DC3I software is built on an open architecture using open source tools. The software is complemented by Motorola's field-proven, commercially available Motomesh™ family of wireless broadband networking products. We have deployed the system at numerous sites protecting the nation's most critical nuclear assets and can provide a solution that is tailored to your specific needs.

LLNL's award-winning 3DC3I software provides a real-time, unified, three-dimensional display of the tactical environment. The software seamlessly integrates information from multiple systems into an easy-to-understand representation of the actual situation. 3DC3I was designed using a keep-it-simple approach -- it shows only as much information as the user needs for incident assessment. This approach decreases training time and helps to prevent responder information overload.

Using Motorola's MotoMesh broadband wireless network, situation data is sent from detection / assessment / tracking systems in the field in real-time. This data is interpreted by plug-ins for the 3-Dimensional Command, Control, Communication and Intelligence (3DC3I) software from LLNL, then distributed and displayed on a 3DC3I client. Data from virtually any system can be integrated into the situation picture, providing a force multiplier for response personnel. The availability of comprehensive situational information and the simplicity of 3DC3I's presentation GUI enable vast amounts of information to be assimilated and rapidly interpreted. This dramatically accelerates determination of the tactical situation, planning, command and control during an incident.

For more information on 3DC3I and MotoMesh, or to find out more about what Pro2Serve can offer your organization, we welcome your phone call or email request.



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