Mission ~~Im~~Possible

Decision Support Systems – Intelligence View

By Brig. General (Ret.), Moshe Shchori, Former Chief Intelligence
Officer, IDF

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We are living in a world where the amount of data available is growing at an extraordinary rate. In this type of reality, the scope of information available to decision makers is such that the ability to handle it all, and to make effective use of it, is essentially impossible for the human brain. However, if we know how to correctly handle the large amount of data we can turn it into an advantage.

We find ourselves in a continuous deficit of means for collecting target information for defense and attack (ISR), and this forces us to better analyze the mission and reasons for which decisions are made, and to attempt to optimize the capabilities of the systems allocated for the mission.

How is it possible to take better advantage of the intelligence resources available, and how are the decision support systems aiding this effort, such as reaching critical and effective decisions in the battlefield or even under fire?

Just as today medical support systems assist doctors to perform complicated brain surgeries, and to reach a predicted outcome in the shortest and safest method - what was once performed in the past by hand with the doctor having to guide himself through tens of different procedures is now happening with Combat Decision Support Systems in the battle field.

The same is applicable for ISR missions. Accurate and timely intelligence data that is being extracted from the continual flow of information from different systems for the commander in the battlefield and eases the decision making is the added value which tips the scales in an army's favor to determine the battle results in a short time with optimum results.

During a-symmetric warfare, with which we are dealing with today along our borders, the enemy changes their identity at a dizzying rate. One moment a peaceful citizen is at the next moment a terrorist. The time is short, the directive and target are clear, but the inability to handle and process the large amounts of data in real time requires additional assistance to complete the mission in an optimal way.

Brig. Gen. (Ret.) Moshe Shchori, a former Chief Intelligence Officer (2001-2005), primarily dealt with ISR mission planning and understands its complicated aspects. He is familiar with the unique solutions which Omnisys provides for these missions.

"Omnisys's unique technologies, both overall and in particular the intelligence field, starting from data gathering, analysis, distribution and managing targets etc., allows significant performance enhancement and maximizes operational capabilities in real time. The unique aspect of Omnisys is expressed in the significant added value that it provides via its systems which enable real time, in-the-field decision support to gain optimal mission performance."