

Border Security

Secure Information Sharing

Detect-Coordinate-Respond

Border security organizations need to detect security relevant incidents and carry out a coordinated and effective response. The response needs to be as fast as possible to contain the damage.

This requires the integration of many real-time information sources (e.g. sensors and human patrol input) with decision support systems. After the response strategy has been established, commands and plans need to be provided to border security organizations in a timely manner to support a coordinated and effective response.

Secure Integration is Key

To achieve the fast detect-coordinate-response loop, IT systems need to be integrated well. Robustness of the mission-critical IT infrastructure used to coordinate responses is vital because attackers will try to make the incident response ineffective to achieve their goals. Information security plays a critical part, both to achieve robustness against attacks and to ensure that intruders are unaware of the response strategy.

The complexity of IT security in such scenarios is a major challenge. This is to a large extent due to the many different (also legacy) platforms and security technologies that need to be integrated and managed. This complex environment makes it hard to enforce and administer a uniform, coherent, organization-wide security policy across the many different systems used today by many agencies.

As a result, many insular security solutions are typically put in place and administered separately in incompatible ways by administrators who are only concerned with their part of the overall IT landscape. The result is inefficiency and often also a mishmash of conflicting, redundant, and incoherent security policies. Moreover, it is often unclear if the abstract organizational security policy has been enforced adequately by the infrastructure.

ObjectSecurity

ObjectSecurity has many years of experience with secure IT systems integration for secure information sharing, situational awareness, and collaborative decision making. Successful projects include industries related to border security, such as air traffic control and defense. Working with a focused, highly specialized supplier will provide you with the best quality and value.

ObjectSecurity's integrated technology suite includes: OpenPMF, a highly flexible and extensible information security policy manager (and decision support) tool; SecureMDA, a tool to automatically generate information security policies; SecureMiddleware, a secure integration software platform; ObjectWall, a firewall for SecureMiddleware; and SimulateWorld, a virtual reality tool for prototyping/simulation of secure information sharing.

To learn more and get started, we invite you to talk with us about the solution that works for your needs and environment.

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