A turnkey solution to meet the needs of Special Forces in the field

Olvid, Impact and Worteks have joined forces to pool their respective expertise. The aim of this initiative is to develop a unified turnkey Blue force tracking, alert group and crisis planning solution.

Olvid develops its eponymous messaging service, the only end-to-end encrypted instant messaging solution offering completely decentralized security, while guaranteeing the same level of efficiency as other less secure consumer solutions. Via any iOS or Android device, a user can now securely share his or her geolocation with any other Olvid user, or to a server integrating Olvid BOT technology.

This technology will be used to upload geolocation data directly to the geographic information system available in **Impact's** Delta Suite platform. ESRI developed the mapping platform, stores and distributes the resources, and Impact operates them. This platform, which offers multiple tools for users to monitor a situation in real time, will be able to combine the data transmitted by Olvid with that collected by other on-board sensors on a single map.

In addition, Impact's development of Panthera further strengthens the integration between the various tools. This cloud-based crisis planning and management tool will be able to draw on a common user management system with Olvid, enabling seamless integration between the different tools: create your mission from your back office and transmit the roadmap to Panthera, the mission is immediately transmitted to group members in an Olvid discussion created for this mission. It is possible to send instructions to teams directly from Panthera, and to retrieve information sent by Olvid users for integration into the handbook. If control of a device is lost, it can be immediately revoked.

The project will draw on **Worteks'** recognized expertise in secure, highly available sovereign hosting (W'aaS solution), to host the Panthera platform, a user directory, Delta Suite mapping tools (and others), and Olvid BOTs for integration with messaging in a single space.

The security of the data hosted on Panthera is thus guaranteed, and the identities of the platform's users are protected. The cryptographic guarantees offered by Olvid make it possible to secure the channel between this platform and the terminals of users on assignment, so as to efficiently distribute Panthera access to internal users, while leaving

the possibility of opening access to external parties, whether or not they are equipped with Olvid.

About Olvid

Created in 2019, Olvid is an instant messaging service offering an unprecedented level of security, guaranteeing end-to-end authentication and encryption. The only messaging system certified by ANSSI, Olvid mathematically guarantees that it is impossible for a third party to gain knowledge of communications. It offers a free version that can be downloaded from stores worldwide, as well as paying features to simplify enrolment, deployment and use. The code is open source.

About Impact

Headquartered in Orléans, Impact was founded in June 2012. An innovative, multi-award-winning SME, it specializes in software for the defense and security sectors. As such, it has been awarded the "Utilisé par les Armées Françaises" label.

About Worteks

Founded in 2016, Worteks is an expertise, publishing and hosting company specializing in Open Source solutions. In addition to its support and expertise activities, Worteks develops innovative solutions and assists its customers in setting up complex and secure infrastructures. Its approach is based on open technologies and complete mastery of deployed environments, guaranteeing optimal control of data and systems.

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