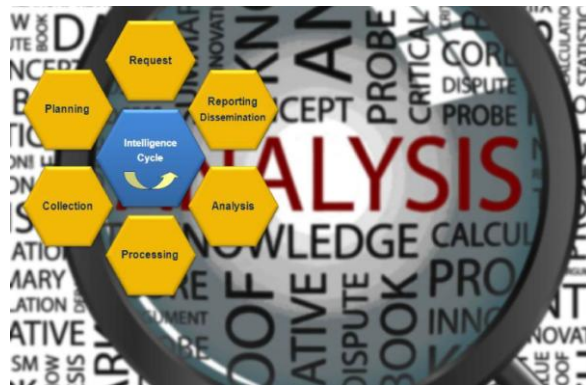# IP2S - Intelligence production

Creation of a universal platform for the production of intelligence. Designed to support decision processes in security and management scenarios. Multiple sensors, information sources are supported.

Intelligence is the basis for any decision-making defined as the process of choosing a definite course amongst more than one alternative. It is the central task of managers and leaders operating in many different civilian, security, law enforcement and corporate governance scenarios. Leaving decisions to chance or not to decide at all as a consequence of a lack of comprehension is the worst that could be done by the responsible decision maker.

Usually, strategic oriented decisions require a certain period of time to be finalized. The decider relies on dedicated reports created on his request. He/She defines the demands, time schedules and key subjects of interest.

Tactical scenarios are determined by time-sensitive environments and characterized by well-defined command and control (C2) procedures. Whenever possible, intelligence has to be provided in real-time. Clearly defined processes and procedures are an essential element of the requirements.

Consequently, the provider and the operator of a dedicated intelligence production system have to deal intensively with the application-related optimization of the architecture, dedicated tools and the organization as a whole. Those processes are supported today by computers, software and many different operator- and application-specific technical solutions for the collection, processing, analysis and aggregation of data and information. Besides all technical issues the role of human operators and the organization as a whole are significant elements that have to be guided carefully and sensitively.

Traditionally the intelligence production is described by the term "intelligence cycle". The model defines the intelligence production as a sequential process of: (1) request, (2) planning and direction, (3) collection, (4) processing, (5) analysis, (6) reporting and dissemination. Today, as a consequence of newly emerging asymmetric and other politico-economic scenarios, alternative solutions and models are considered by the intelligence community at large.

Obviously, the scope of different sensors, the specific collection - processing - analysis processes, the workflow and the total data volume are dependent on many user related parameters and requirements. Typically such systems are handled today as unique systems designed and developed for one specific application.

The goal is to create a universally usable platform for intelligence production. Automatic content processing shall be a substantial feature. In addition to the application in the field of security, the product should also be capable of supporting management structures in the industry or organizations with aggregated information on the enterprise environment.

Technology   Software, IT architecture, text - audio - image processing,
               content processing, data base, big data analytics.

Markets   Security, corporate governance.

Remarks   High complexity, multiple technologies, scalability.