

Intelligence Surveillance & Reconnaissance (ISR) for Managers

An activity that synchronizes and integrates the planning and operation of sensors, assets, and processing, exploitation, and dissemination systems in direct support of current and future operations. This is an integrated intelligence and operations function.

ISR (*intelligence, surveillance and reconnaissance*) assets are integrated capabilities designed to collect, process, and disseminate information necessary to plan and conduct operations. ISR assets cover a wide range of ground and airborne platforms, most of which are considered “low density – high demand,” highlighting their small numbers and frequent need.

Course Description

Vigilance ISR Academy developed a 3 days introduction course where ISR Fundamentals are explained. Students gain an overview of ISR technologies, sensors and both manned- and unmanned platforms and their capacities will be discussed. During this course, the focus will be at the ISR Cycle and the man-in-the-loop and the need for standardization.

Who should attend?

This course has been developed for Engineers, Technicians and Managers with (future) ISR related jobs.

What are the benefits?

- Understanding ISR systems and processes
- Understanding ISR Concepts
- Understanding the complete ISR Cycle for Manned and Unmanned systems, including spaceborn
- Understanding of Analysis techniques, hard- and software and analysis
- Understanding of available products (What can I expect?)

Course Topics:

- ISR Systems, platforms and sensors
- ISR Standardization, tasking, requesting & reporting
- Sensor specifics (When to task a specific sensor)
- Quality of data
- Imagery (data) analysis (sensor specific)
- ISR Techniques
- The Man in the Loop
- Training & simulation
- Standardization
- Data basing

