



## Operational Requirements - Information Exchange - Communication Systems

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In the military environment (tactical, operational or strategic) the information exchange between every individual, unit, element, entity or body is defined by the respective doctrine. Command and control arrangements and the necessary information exchange for generation of situational awareness and provision of actual engagement data of any kind for each individual service and inherent specialties are based on multi-nationally agreed policies, rules and procedures for application in multinational military operations. One important aspect is the exchange of verified and validated situational information of any kind to anyone requiring this information for the respective decision process. This information exchange requires means of communications that satisfy the operational requirement of each individual information element exchange and ranges from direct voice exchange without technical support to the high end of digital world wide communication systems. From the bottom of the tactical fighting edge to the highest command, information needs to be pushed and pulled in compliance with standard operating procedures, aggregated and filtered as applicable. Within the whole gambit of diverse and disparate communication systems it is of utmost importance that the operational requirements - the reason for their existence and development of new ones to master new challenges - are not being lost and reverse the requirements process.

This presentation intends to drill down to the most simplistic view what "Tactical Communications" is about and how it needs to be pictured within the whole framework of overall communications from the soldier in the field to the highest commands.