



### ROLE OF MILITARY COMMUNICATION IN EMPOWERING DEFENSE

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#### Abstract

The research emphasizes the evaluation of the methods of communication, the evaluation in mediums which were used to communicate and are linked with the technological development in the military defense field , also focuses on cost efficiency and seamless , secure performance of the mediums used to communicate . It is a link between military communication and the defense system and also study of the potential opportunity cost which are harmful over benefits. Also the influence on macroeconomic aims to determine what will happen whether the communication system and defense system balance or unbalance.

**Keywords** :- Macroeconomic aims - The main government aims for the economy:- Economic growth , Low unemployment , Price stability , Balance of payments stability , Redistribution of income, Wearable technology - Electronic device to be worn on the users body which is portable compared to substitutes, Vital - essential , necessary which is to be transferred

#### Introduction

The smell of the gunpowder that drifts above the battlefield , the description of one side, post any war the reason is communication problems – being not secure ,not seamless and clear , time taking or not possible in difficult situations ,the drag till this situation must have a cause -not updating or not evaluating to changes in technology which is result of innovation and development, government spending unnecessary rather on defense this has also a consequence of loss in political and economical position of a country .

#### Theory

Military Communication System is integrated with up to date changes in technology to deliver flawless, fast and secure and cost efficient and productive communication systems.

Defense system refers to the country's ability to defend and attack or react to others, the one with the most ability is said to be the most potential and strong defense system.

Seamless and smooth working of this leads to increase in political and economical standings of the country. It globally emphasizes a country and the possibility of it dominating, advising, acknowledging and means a lot.

Clear and concise amount of information has been always backbone to all successful military operations . In the pre-industrial periods there were commandos themselves who made surveys so the time efficiency and accuracy couldn't be achieved .In the early 20's ,evaluations and adjustment according to growth in research and development, effective communication became even more necessary and vital . In the modern era , there is the use of combined

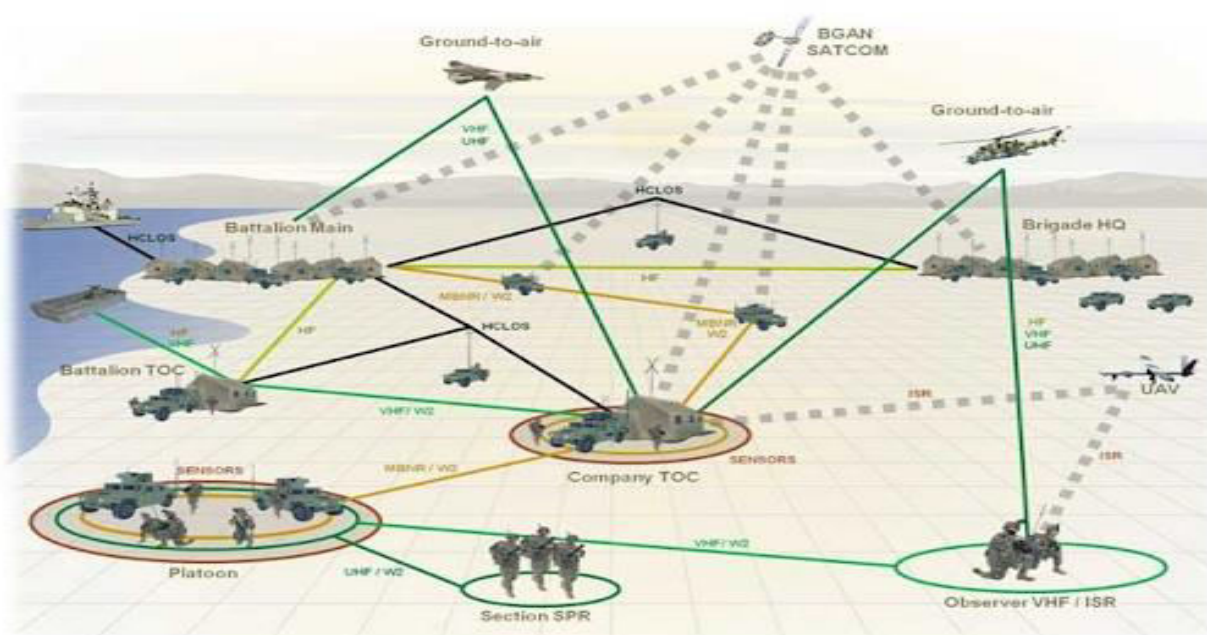
operations where there were shared data services which created a network in all organizations who played a role in the defense system of a country .

As time is passing, equipment which can survive the toughest situations in the war are being developed and the infantry are provided with a broad spectrum of communication technology. All of this centralizes in wearable technology, these are combinations of vision ,data and voice . But the challenge arises, that the connectors should be made taking in consideration that they have that potential to resist shocks and vibrations. Also the SET { Severe Environment Testing } program has designed and successfully made connectors that meet the willingness and ability of the military with the latest information technology .

### Result

Military communication which is up to date and has no issues in working can lead to faster transmission which will be easy for the military to give reflexive actions to the oppositions and centralized communication can help all coordinate and work accordingly all together . Also use of wearable technologies provides portability. And a planned architecture of communication is really important on the battlefield. Also the use of communication media which survives harsh conditions in the battlefield is the most suggested.

### Harris Battlefield Communications Architecture



### Discussion

This is an example of military communication where it is centralized by a drone in the air. This is where effective and seamless performance is achieved and safe and secure data transmission is occurred.



### Conclusion

To get effective , safe , secure and seamless performance in data transmission while any war the technology used should be never outdated it should be in touch with advances in technology also the ways to use it must be taught and regular drills for practice should be performed so that reflexive action is faster . All the communication media must be in proper status and safe and secure transmission is must for that the adjustments should be made prior and all coordinating together will bring great results .

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