

## Review of E-LynX SAT

*Rajesh G*

*Technical Trainee - Wings of Aero*

### Abstract:

This article is about E-LynX™ Sat. It is a Tactical Satellite Terminal. It is manufactured by Elbit Systems.

### Elbit Systems:

Elbit Systems is an Israel based defence electronics company. The company Works in the field of aerospace, land and Naval systems.

### E-LynX™ SAT:

It is part of the E-LynX™ family. It is tactical satellite communication for voice and data and on the move capability for variety of platforms. It has Phased Array Technology with electronically steerable antennas. Connected to encrypted radio equipment supports both digital and analog radio devices and Integrated with tactical computers and C41 systems. The key feature is Easy installation, simplicity of operation, fast and simple connection. It is portable, ruggedized and small size terminal.



*Credit: Elbit System*

On the walk satellite tracking capabilities. Direct sequence spread spectrum with Low Probability to Interception and Low Probability to Detection and On the Pass continuous operation.



*Credit: Elbit System*

Connecting internal squad networks to remote Head Quarters using single E-Lynx radio. It enables SATCOM backhaul for E-Lynx tactical waveforms. New generation of satellite tactical radio connectivity and Terminal operation for hand carry and vehicle installation.



*Portable Setup, credit: Elbit System*

### **Conclusion:**

Its Advantages of Portable and Easy installation make it future.