Relevance of IRNSS:

Indian Regional Navigation Satellite System (IRNSS) is an independent regional satellite navigation system developed by ISRO, India.

- One amongst the six independent satellite navigation systems across the world.
- Positioning service to users in India and adjacent regions extending up to 1500 km.
- In addition to navigation data, it has the capability to broadcast text messages to users.

Accord has designed and developed indigenous positioning and timing solutions for various defence applications for two decades.

The IRNSS based products of Accord are Indigenously Designed, Developed and Manufactured (IDDM) that enhance national security and provide a fillip to Make in India Program.

Rigel-A110 – Multi Constellation All-in-View GNSS receiver

- Multi-constellation, multi-frequency GNSS receiver
- Dual frequency corrections provides real-time
- Ionospheric corrections for further accuracy enhancements
- Includes Multipath Mitigation

NGS-N90 – GNSS Based Network Time Server

- Synchronised Time and Frequency outputs based on IRNSS
- Highly accuracy disciplined 1 PPS signal
- High stability Rubidium Clock
- MIL-STD-461E and MIL-STD-810F compliant

SIMAC6 - Multi-Constellation Multi-frequency GNSS Simulator

- Dual-frequency IRNSS simulator
- HILS/Hardware update rate support upto 10 ms
- Supports profiling of receiver performance using receiver NMEA output
- Supports RINEX, NMEA output messages

www.accord-soft.com
PoLo-S100 : Multi Constellation Rugged GNSS Receiver
- Supports Dual frequency (L5+S) IRNSS
- Supports Single frequency GPS L1, GLONASS L1, BEIDOU B1, GALILEO E1 and GAGAN
- Receiver Autonomous Integrity Monitoring (RAIM)
- Includes multipath mitigation

IG3 NAVLAN: IRNSS GPS GLONASS GAGAN Receiver with LAN Interface
- Indigenous IRNSS-GPS-GLONASS-GAGAN Receiver
- 1 PPS Output and RS232/RS422
- Ethernet interfaces, connects to device through a TCP/UDP data channel
- LINUX/ WINDOWS compatible

IG3 Receiver CCA: For System Integration
- IRNSS-L5, GPS-L1, GLONASS-L1 and GAGAN Receiver
- Combined and single constellation navigation solutions
- 40 channels (7-IRNSS, 16-GPS, 14-GLONASS, 3-SBAS)
- Miniature Form Factor for easy integration

NDU: IRNSS-GPS-GLONASS-GAGAN Navigation System
- IRNSS L5-GPS L1-GLONASS L1-GAGAN based positioning system
- 4.3 inch TFT LCD Display with resistive touchscreen
- Navigation on Moving Map
- Input power supply range of 8V to 32V