

SELECT FOR THE FUTURE

Radar Solution & Space Engineering

Radar & Space
Co., Ltd.



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회사소개 WHO ARE WE?

ABOUT US



NAME

Radar & Space Co.Ltd.

CEO

Jae Woo Park, Ph.D.

BUSINESS

**Development of Radar System
&Space Engineering**

ADDRESS

Daejeon Korea

HOME PAGE

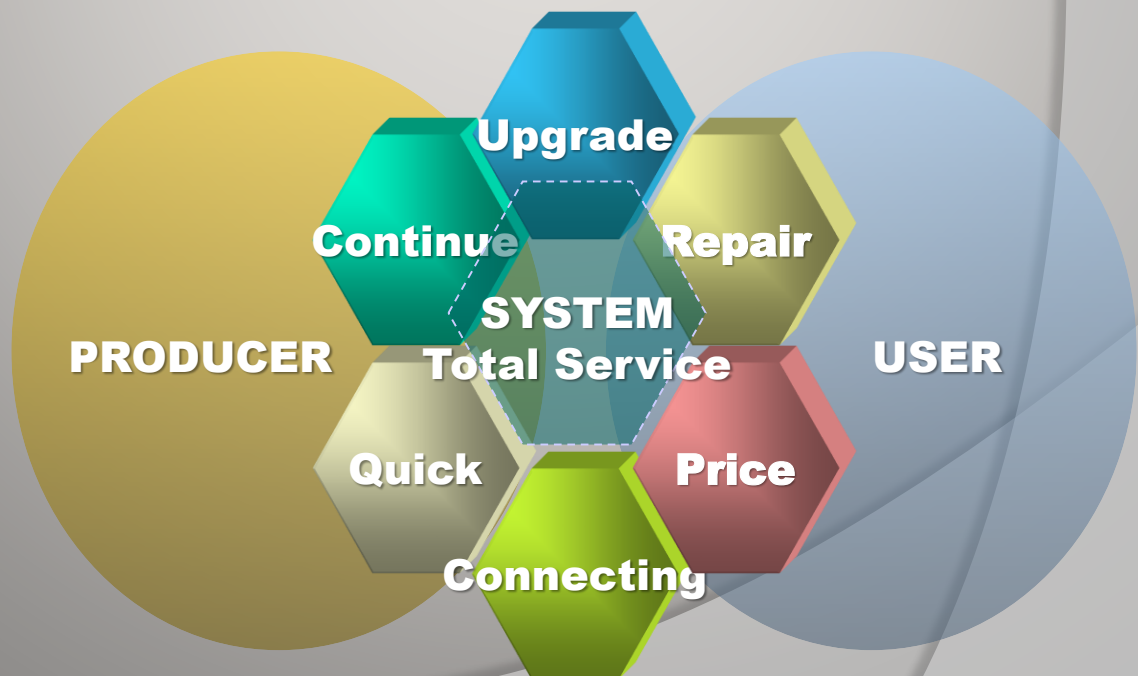
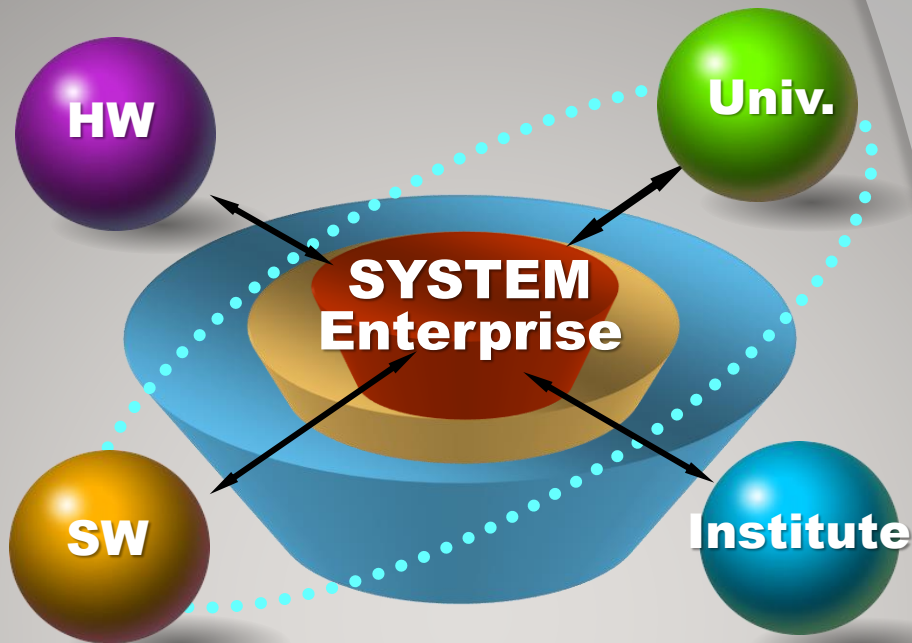
www.radarsolution.kr



HISTORY

- | | |
|----------------|--|
| 08 2012 | Company Establishment
supported by ETRI |
| 12 2013 | Venture Business License |
| 05 2014 | Next Military Communication
Satellite System Design
Completed |
| 04 2015 | Development of Ocean Radar
funded by Government R&D |
| 12 2015 | Establishment of Oblique
Ionospheric Sounding System
funded by KSWC |
| 04 2016 | Development of Aircraft
Surveillance Radar(ASRS)
funded by KASI |

BUSINESS MODEL

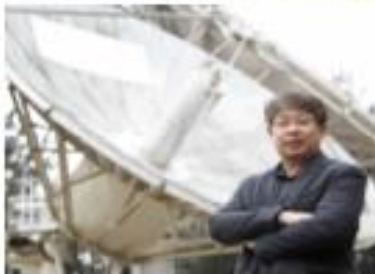
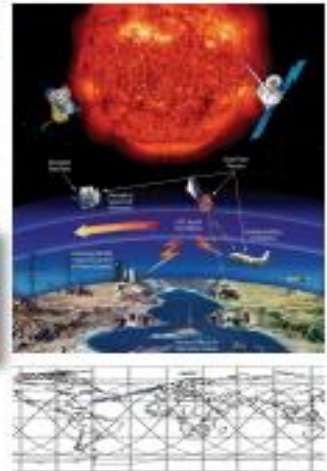




사업분야 BUSINESS WORLD

MAIN CONCERNS

Radar & Space
Co., Ltd.



Radar System Development

- HF Band Seazonde & Ionozonde
- VHF Band Riverzonde
- Aircraft Surveillance Radar
- Rain Radar
- Space Surveillance Array Radar

Space Business & Development

- Space Business Consulting Service
- Space System Development

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사업장 주소
대전광역시 유성구 가평로 218
한국전자통신연구원 8동 201호

The Creative Solution Providers

Current Mapping Radar System

Company introduction

Radar&Space Co., Ltd. Company established in 2012, has been developing Radar System Solutions for Commercial Radars, and Space Business Consulting Service

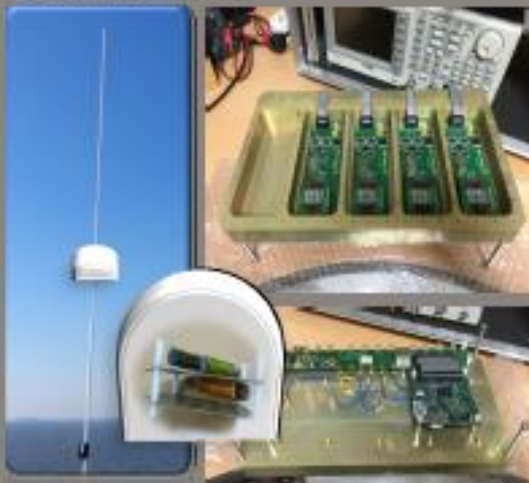
- ▶ HF Band Ocean Current Mapping Radar
- ▶ UHF Band River Current Mapping Radar
- ▶ Aircraft Surveillance Radar
- ▶ Space Business Consulting Service



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E-Mail	piw@radamspace.kr
Head Office	Suite 314, 65, Techno3-ro, Yuseong-gu, Daejeon, 34016, KOREA

Current Mapping Radar System

OceanEye - P1301



Frequency	24 ~ 26 MHz, HF Band
Bandwidth	100 kHz
Modulation	FMICW
Tx Power	50 W
Reference Clock	OCXO

RiverEye - P1501

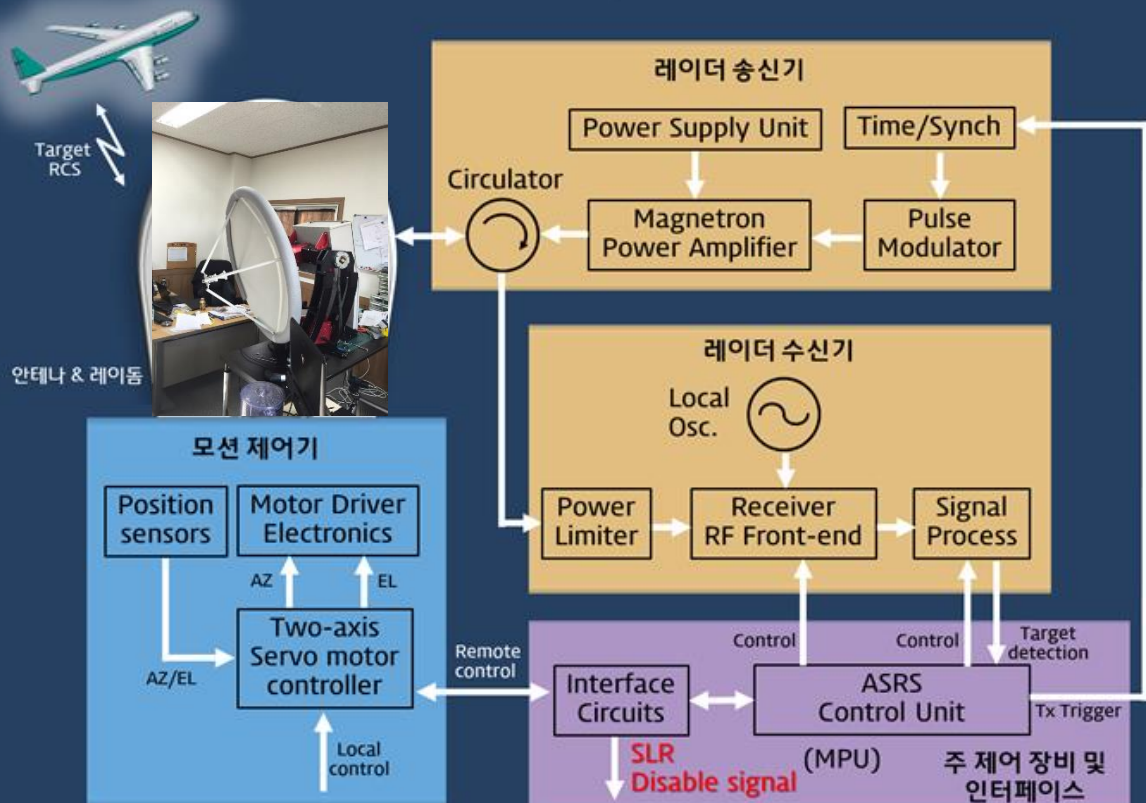


Frequency	400 ~ 500 MHz, UHF Band
Bandwidth	30 MHz
Modulation	FMICW
Tx Power	2 W
Reference Clock	OCXO

Aircraft Surveillance Radar System(ASRS)



ASRS 하드웨어 구성도

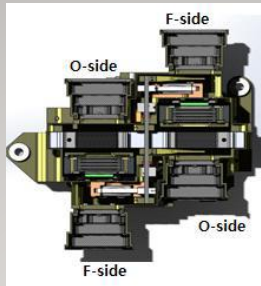


Data Processing S/W for GK2A Space Weather Payload(KSEM)

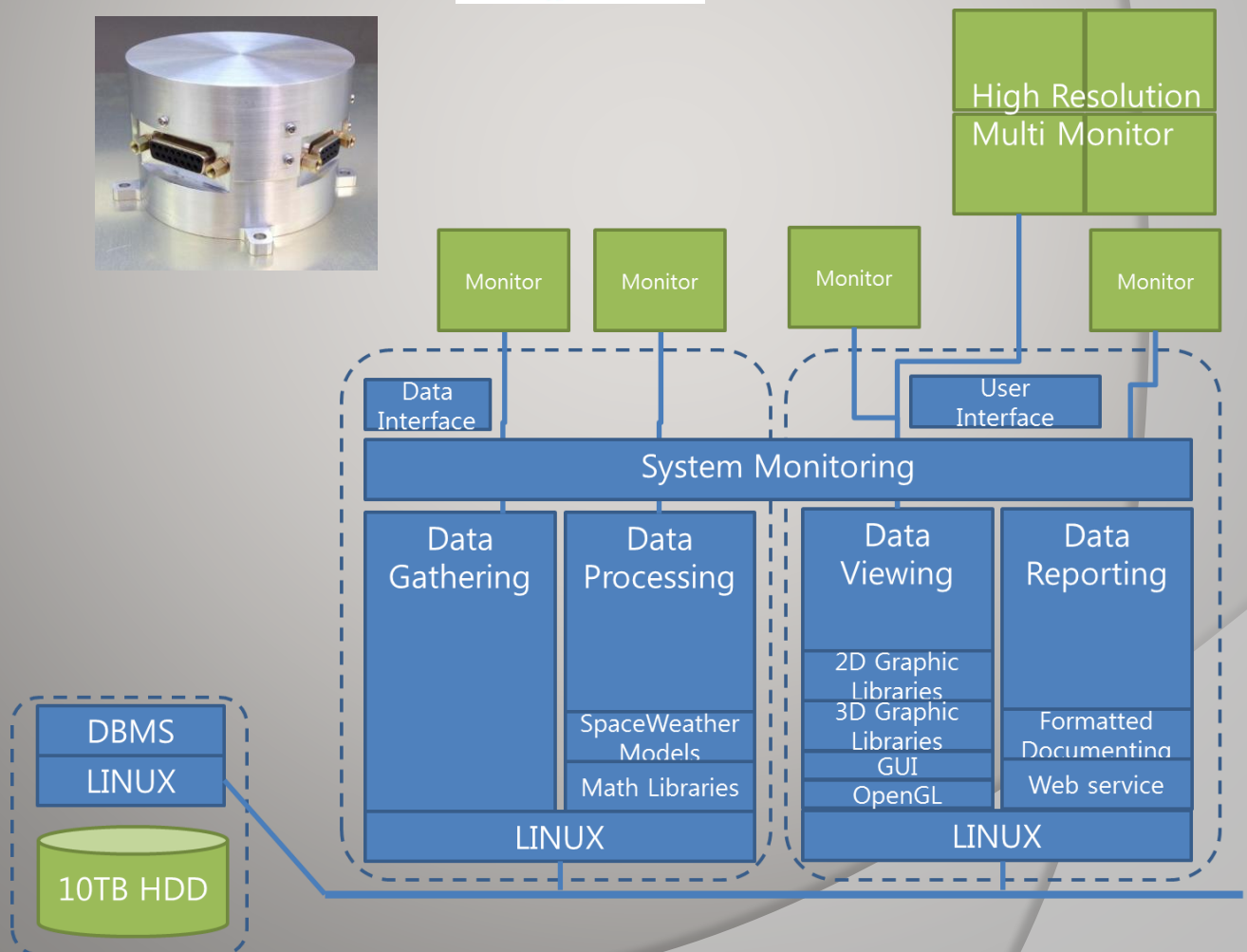
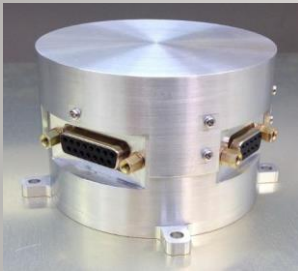
Magnetometer



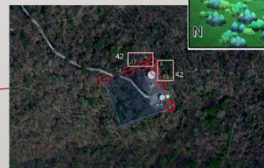
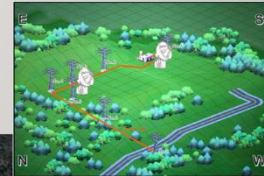
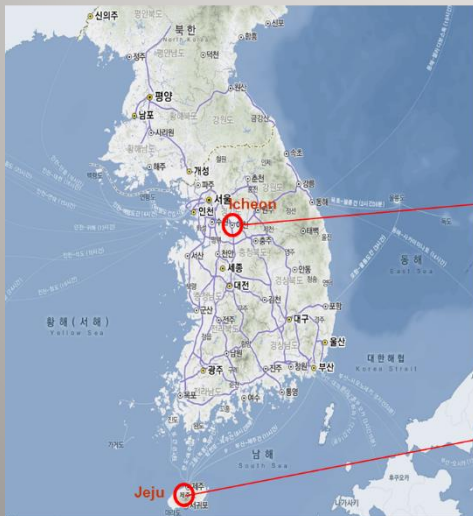
Particle Detector



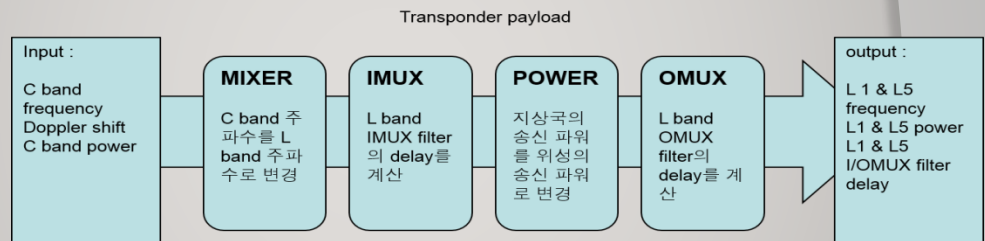
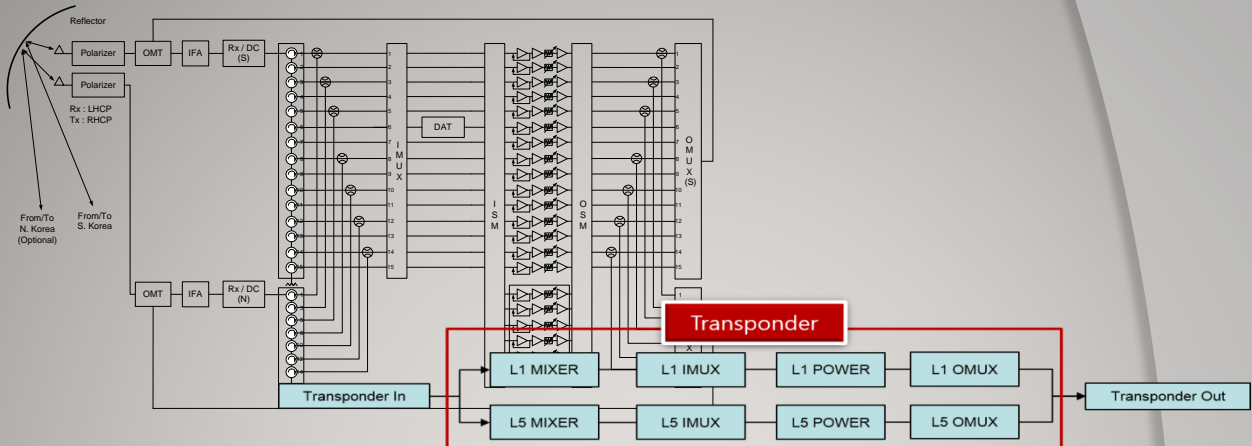
Charging Monitor



Establishment of VIPIR 2 Receiving System for Oblique Ionospheric Sounding



Communication Satellite Design and Satellite Orbit Analysis



Flow chart

❖ STATION KEEPING PLOT

❖ STATION ACQUISITION PLOT

