

GlobeShot™ 3.0

Turnkey COMS Satellite reception system



Highlight

GlobeShot™ 3.0 is a turnkey satellite reception system that receive transmitted data and process it to product meteorological products.

GlobeShot™ 3.0 is the World first dedicated COMS HRIT/LRIT reception system. It is equipped with all necessary components and software necessary to produce imagery for meteorological industry's critical need.

GlobeShot™ is certified with GS(Good Software) marking for its quality performance. The system is fully automated to minimize human intervention. Its intuitive GUI helps reduce learning curve for new operators.

GlobeShot™ 3.0 supports HDF5 and other formats such as PNG. Critical functions such as Map Projection, Clipping, Overlay, Coloring, Image Enhancements, Land Water Masking functions can be scripted using Job Scrip.

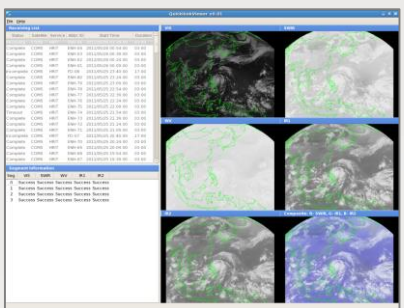
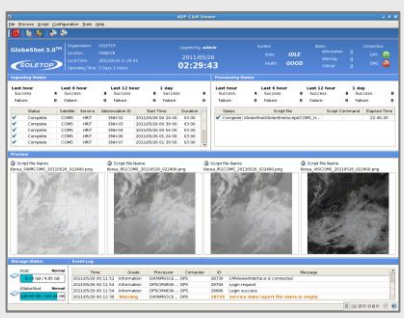
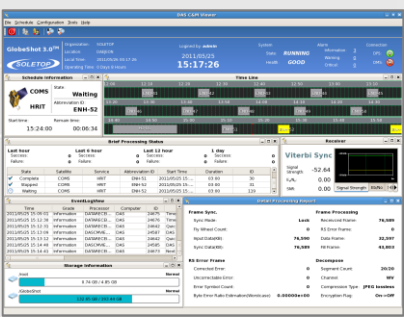
Level2 products are supported natively such as Cloud detection, Land surface temperature, Sea surface temperature, Etc.

User can specify region of interest for processing and display in addition to the Global view.

Current version supports COMS HRIT/LRIT, MTSAT HRIT/LRIT.

Feature

- Multi-Mission support
- Fully Automated
- Windows and Linux OS
- Intuitive GUI
- Open Architecture for future mission
- Plug-in upgradable
- Offer Level2 products
- User definable algorithm



SOLETOP

305-348, 2nd Floor, 59-5, Hwaam-dong, Yuseong-gu, Daejeon, Korea
 T. 042 867 7440
 F. 042 867 7445

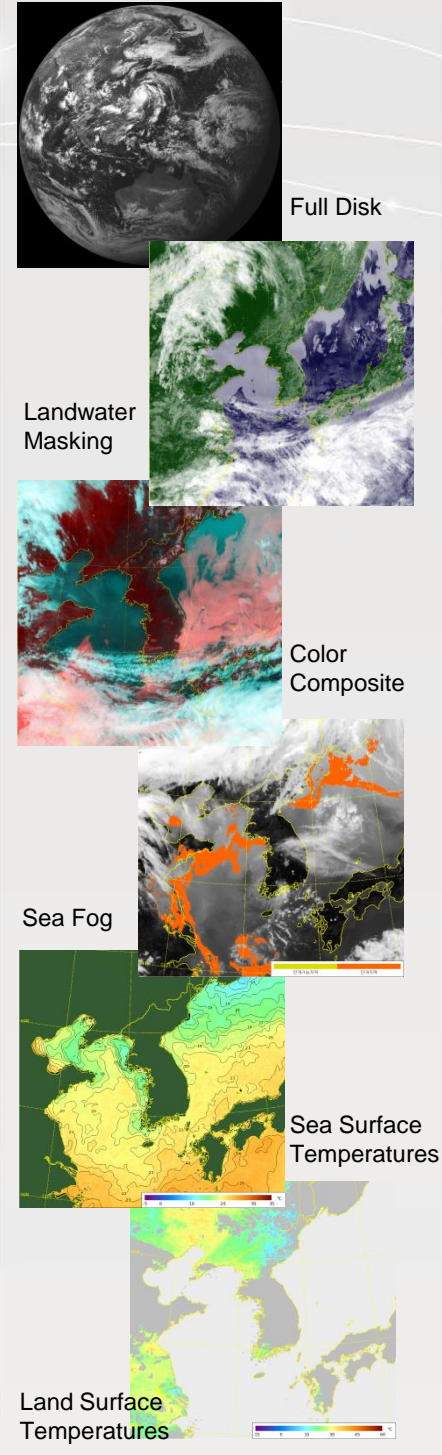
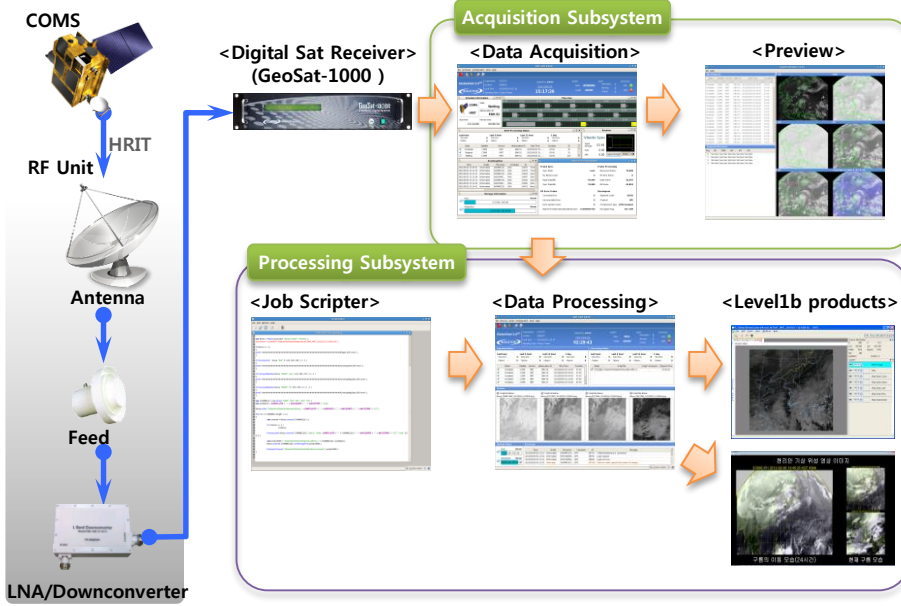
contact@soletop.com
www.soletop.com



GlobeShot™ 3.0

Turnkey COMS Satellite reception system

Configuration



* option

Item	Specification	
Antenna Dish	3.7 m mesh, 3.7 m solid*	
Feed	L Band	
LNA/DC	Output Frequency	126MHz ~ 154MHz
	Gain	> 50dB
Digital Receiver (GeoSat-1000)	Data Rate	6Mbps
	Dynamic Range	50dB
	Bandwidth	5 MHz
	BER	10 ⁻⁵
Acquisition Subsystem	CPU	2-Core 3.0 GHz
	RAM	4GB
	HDD	4TB
Processing Subsystem	CPU	4-Core 2.66 GHz
	RAM	4GB
	HDD	4TB
S/W	Data Acquisition suite, Data Processing suite	
Optional	19inch Rack, UPS, Firewall, NAS	