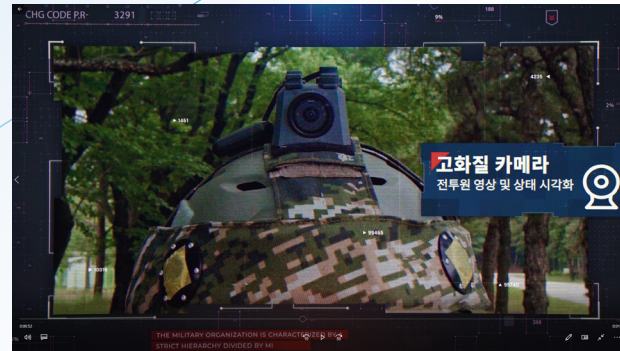


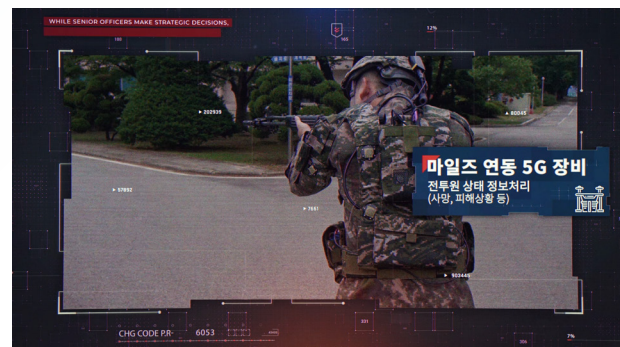
## Product Composition

### Field combatants



#### Full HD Camera

Full HD video transmission from the combatant's point of view



#### 5G Devices Linking MILES

Information process of combatant status (Deaths, Damage, etc.)



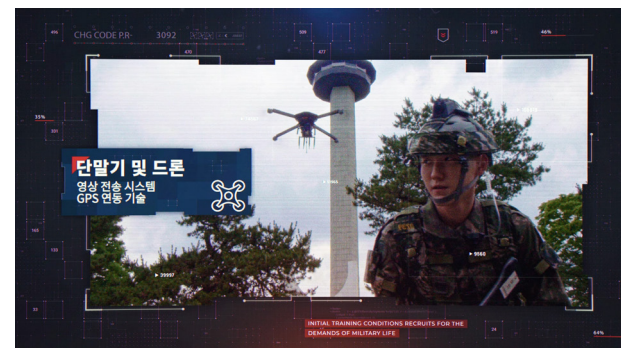
#### Smart Pad

Sharing information on operation situation with the command and control center



#### 5G Communication Encryption Modules

KCMVP Section encryption



#### Drone

Shooting the battlefield situation in the air and transmitting it

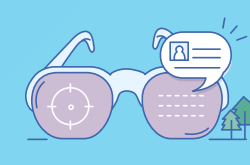
## The main features of the product



Visualization of 3D topography utilizing augmented reality technology



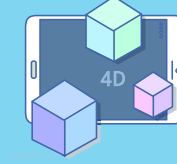
User interface using a smart pad



Multi-user support through information sharers



5G communication network connection



High scalability

## The main demonstration scene

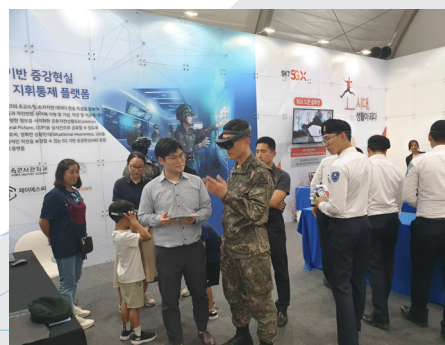
### Demonstration to the Prime Minister



### Demonstration to the Minister of National Defense and the Minister of Science and ICT



### Demonstration to the Minister of National Defense and the Minister of Science and ICT



# 5G-based AR (Augmented Reality) Command and Control Platform

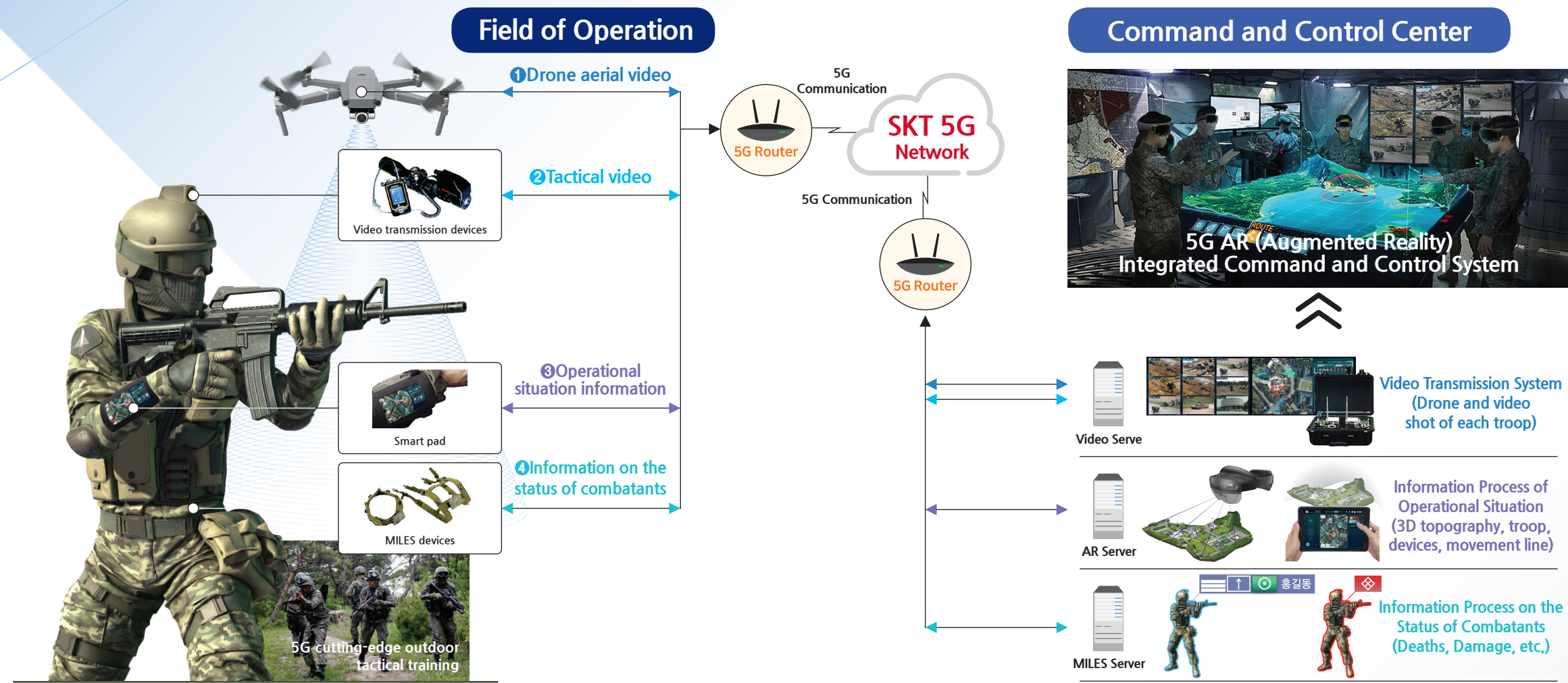
Horus Eye : Eyes in the Filed





# 5G-based AR (Augmented Reality) Integrated Command and Control Platform

The 5G-based augmented reality command and control platform is a system that supports efficient operational performance through accurate situational awareness by delivering the utilization of the 5G network with high definition, high capacity, and ultra-low latency features, in order that 3D topography and common operation picture which visualize the various information on topography, weather, allies and enemies with AR(Augmented Reality) can be shared between the command & control center and the operation site in real-time.



## Expanding services in the private sector

Expanding services to private sectors where command and control systems are essential, such as police (terrorism suppression), firefighting, disaster response, large-scale events, construction and telemedicine, etc.



## Product Composition

### Command and Control Center



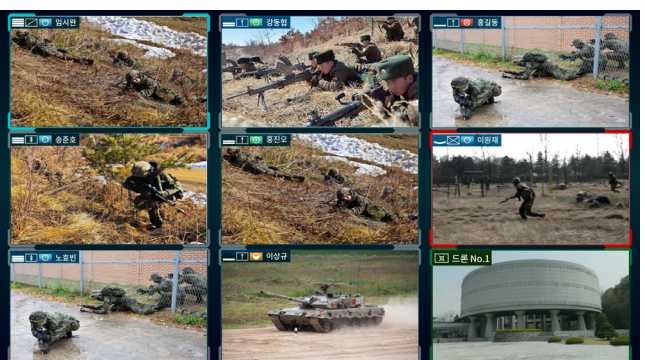
**5G-base AR Integrated Command and Control Center**  
Operation command through the 3D AR topography and common operation picture



**3D AR Operational Topography**  
Augment the actual operational topography into a 3D digital twin topography



**Common Operational Picture (COP)**  
Displays the location and status of each soldier and the location of the enemy



**9-segment video monitor**  
Monitoring the video transmitted by combatants in the operation site and drones



**Holo-lens**  
Support for command and control while looking at a 3D topography



**Tablet PC/Server**  
Convenient system control in use by utilizing tablet PC