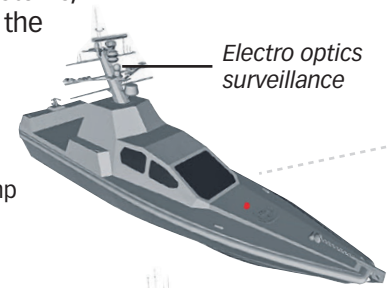
## Unmanned systems

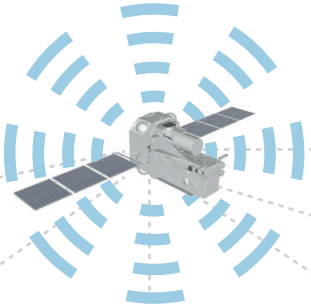
ST Engineering is emphasising development of next-gen systems, as well as ways to augment the soldier of the future.

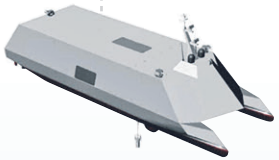
### VENUS 9
Max speed: 30 knots
Propulsion: Twin waterjet/480hp
Payload: Electro Optics, Long Range Acoustic Device (LRAD) and Search Light

### VENUS 14
Max speed: 50 knots
Propulsion: Twin waterjet/2200hp
Payload: Electro Optics, LRAD and Search Light

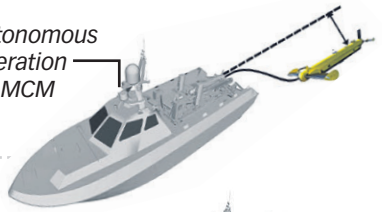



*Autonomous execution of parameter security*





### Long Endurance USV
Max speed: 30 knots
Propulsion: 2x CPP/11800hp
Payload: Area space of 320 metre sq




### VENUS 16
Max speed: >30 knots
Propulsion: Twin waterjet/2400hp
Payload: Towed Synthetic Aperture Sonar and Expendable Mine Disposal System


### Alternative hull form
Max speed: >35 knots
Propulsion: Twin waterjet/2000hp

## Soldier tech

### Soldier Enhanced Sensing Equipment (SENSE)
Holistic and non-intrusive vital signs monitoring and alert system to enhance soldier training effectiveness while minimising exhaustion-related injuries.

### Shielded Advanced Eyewear System (SHADES)
Intelligent see-through Head-Up Display (HUD) system provides real-time Augmented Reality (AR) information to the soldier for improved situational awareness.

### Personal Lightweight Armour Technology (PLATE)
Intelligent see-through HUD system provides real-time AR information to the soldier for improved situational awareness.

### PoEMS – Enhanced Wireless Charger
The Enhanced Wireless Charger incorporates state-of-the-art wireless charging technology, which reduces total system weight and need for charging cables.

### Portable Watt-hr for Extended Range (POWER)
A high-energy dense, portable and lightweight fuel cell system to extend mission endurance for soldiers, increase mileage and/or payload capacity for unmanned systems.

Sources: ST Engineering, ST Kinetics