Company Profile
- Company's 1st year participation at MATE ROV.
- Consisting of primary & secondary students.
- Traveling Distance 14277 KM.

Triton Specs
- Weight in Air: 6Kg.
- Dimensions:
  - Length 45cm
  - Width 30cm
  - Height 35cm
- Power Requirements: 12V, 20Amp
- Maximum Operating Depth: 20m
- Primary materials:
  - Acrylic
  - Polyethylene
- Production Cost: $1780

Special Features
- Replaceable module design.
- Small sized, thus it can emerge between narrow places.
- Arms are removable to be modified and re-changed according to neoteric requirements.
- Cameras located on arms, consequently, the pilot can be aware better of the mission's updates.
- Acrylic and transparent body so that pilot can be aware of the new situations underwater.
- Pan and tilt camera to see various angles underwater.
- Emergency button leveling in case of dangerous.
- 3 axis Compass, 3 axis Accelerometer.
- Pressure sensor for the detection of water depth.
- Driving Station.
- ROV lifting bag.
- Lighting System.

Safety Features
- O-rings for the endcaps of the electronic can.
- Frame corners smoothed.
- Shrouds around motors.
- Electronic thermal protection.
- Reverse voltage diodes.
- Emergency stop.
- Fuse 5Amp for each motor.
- Current sensor for each motor.
- Water detection sensor.

Team Members
- Yehya El Masry: CEO, Pilot.
- Samaa Mohamed Ali: Marketing manager, Co-pilot.
- Rowan Tarek: Safety officer, Research & development.
- Mayssara Moetez: Media designer.
- Ahmed Gamal: Head of Mechanical team.
- Eslam Fathi: Mechanical engineer.
- Mostafa Ali Mansour: Research & development, Mechanical engineer.