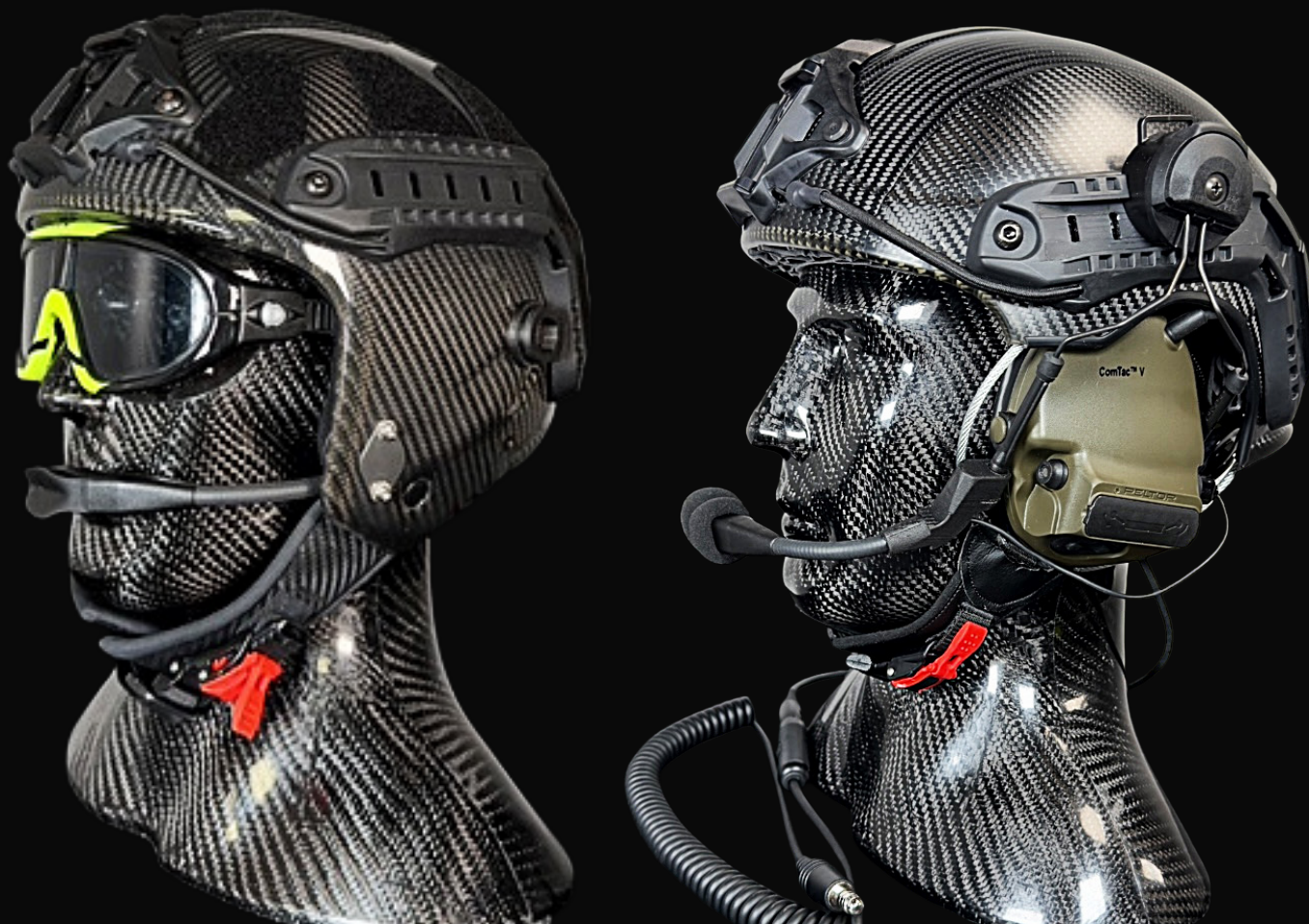




Available Now!
**Carbon X Open Face and Cutaway
Tactical/SAR Helmets**



The Carbon X tactical/SAR helmets are ultra lightweight, compact and comfortable. The helmet system includes many advanced features and accessories not available with other helmet brands. Make your next missions more successful and safer when wearing a Carbon X helmet.

**Aviation & Marine Tactical Helmet Systems and Manufactured by ICARO
2000 With Italian design and Craftsmanship Tiger Performance**

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**Carbon X Open Face
Tactical/SAR Helmets**

Picture Gallery





Available Now!
Carbon X Cutaway
Tactical/SAR Helmets



Features:

- Carbon Fiber Helmet Shell provides weight reduction, less mass and high impact protection
- Available Sizes (2 shell sizes), with standard impact/comfort liner XS, S, M, L, XL (52.5-61cm), or an optional LCE-Lattice impact/comfort liner XS, S, M, L, XL, XXL (52.5-63)

Ratcheting dial adjustable padded nape system, with in/out, up/down anti rotation and comfort fit adjustments

Standard Impact/Comfort Liner

- Polystyrene Impact Liner provides high impact protection and safety
 - Padded Comfort Liner made of sewn mesh cloth and foam, is washable and available in sizing thicknesses.
-

Optional LCE-Lattice Impact/Comfort Liner

- This next generation tactical helmet impact/comfort liner system provides far superior impact protection, ventilation and comfort compared to traditional tactical helmet liner systems. Impressio Tech's LCE-Lattice Liner technology enables the Carbon X helmet to be the safest and most comfortable multi role tactical/SAR helmet system on the market.

Impact Protection Precision Fit & Comfort

- Open architecture design enhances ventilation and heat dissipation for improved thermal comfort
- Modular liner system allows for semi-customization of the six (6) pads or an optional fully custom liner via a head scan
- Improves stability and weight distribution to minimize head-borne device (e.g., NVG) motion during sudden head movement

Impact Liner Benefits:

- Ultra energy dissipative LCE material enables unmatched impact protection
- Multi-impact capability, recovers from impacts without damage
- Instantaneously adapts to high and low impact energy



Impressio Tech's LCE-Lattice Liner technology is currently undergoing U.S. Military testing and validation.

Carbon X Cutaway Tactical/SAR Helmets

Optional, helmet communications for Carbon X Cutaway model

available PNR or ANR, high or low impedance helmet mounted headsets with or without Bluetooth. High sound attenuation and noise cancelling. Reliable performance and comfort fitting. Helmet down cable quick disconnect. Leatherette/memory foam, gel or vinyl/foam ear seals. Coiled or straight cable, a full range of plug selections to meet any requirements. Long lasting rechargeable battery power. Battery is quick and easy to change during operations. Also available 3M Peltor ComTac 5 or 6 with dynamic or electret microphone and choice of plug in jumper comm cord and fully integrated wireless PNR or ANR, with or without Bluetooth

Optional, in ear helmet communications for Carbon X Open Face or Cutaway models

- High or Low impedance for radio or intercom use. Choice of CEP with foam ear tips or Custom molded. A full range of helmet mounted boom microphones. Also available includes Invisio Technologies water submersible tactical hear thru with bone conductive microphone and choice of comm cords for Radio or intercom communications.

Optional, Oxygen Mask Mounting for Open Face and Cutaway Models, open face helmet mounted compact lightweight receivers, provides secure mounting of Oxygen mask, WRBA water rescue automatic breathing mask or respirator filter mask. Also available Cutaway Helmet Picatinny rail mounted adjustable mask Y straps.

- **Certification**, PAS 028 2002 CE700423
- **Future Certification**, EN966

Next-Gen LCE-lettice Impact/Comfort Liner System



Ratcheting dial adjustable padded nape system, with in/out, up/down anti rotation and comfort fit adjustments

Optional, Wilcox Shroud mount, high quality coated aluminum

Optional, Picatinny rails, with bungee straps and power cable management

Optional, Helmet Exterior Velcro Kit, complete segmented coverage, precut with peel off adhesive backing

Optional, Ess Eye Pro Tactical Goggles, rail mounted with adjustable bungee straps, choice of frame and lens colors

Optional, Multi-function Power Supply Management System (patent Pending)

This is the world's first helmet integrated power system that provides power for all helmet power requirements including ANR, NVG goggles, Fan powered ventilation/Airconditioning system, heads up display and NVG green/white headlights. System Includes a helmet integrated battery cradle that is contoured to the helmet with an embedded magnetic circle for battery attachment (cell phone style). The cradle can be Velcro or screw hard mounted. A 5000 Mah rechargeable lithium polymer battery. A USB-C concealed battery power supply splitter harness connects to the respective helmet accessories concealed power cables.

Available Cables and Accessories Include:

ANR Communications Power Cable, plug-in voltage regulated and concealed

NVG power system with voltage regulation and On/Off button. Includes interior concealed plug in cable and external waterproof USB-C helmet mounted power jack and on/off button and a 3"/mm jumper cable that plugs into the ANVIS mount and USB-C power jack.

Heads up display power cable, plug-in voltage regulated and concealed
Dual NVG green/white headlights power system, helmet or boom mic mounted with on/off color selection switch and choice of integrated battery power or helmet mounted multi use power system with concealed voltage regulated power cable.

Next-Gen Hydration System

Optional, Patented FluidLogic Smart Hydration System provides wireless push button delivery of drinking water upon receiving preprogrammed haptic notifications. Enables aircrew, ground and marine crew to be safe and stay sharp at peak performance during high temperature and humidity conditions. System includes a compact adjustable padded pack with built-in miniature quiet pump, smart programmed touch pad, rechargeable battery and 50-ounce fluid bladder, 3' mag lock insulated fluid delivery hose that magnetically attaches to the helmet hydration docking port, boom microphone mounted fluid delivery nozzle (fits all styles of boom microphones) and wireless finger or panel mounted push button. The pack may be back of seat or seat pedestal mounted or backpack worn.

Stay sharp and hydrated with this wireless, push-button hydration system featuring pre-programmed haptic alerts.

Includes:

- Compact padded pack with built-in quiet pump and 50 oz bladder.
- Rechargeable battery and smart touchpad controls.
- Mag-lock insulated hose and helmet docking port.
- Boom mic-mounted fluid delivery nozzle and wireless control button.
- Perfect for cockpit, seat pedestal mounting or backpack worn.



NEXT-GEN PERFORMANCE | TIGER PRECISION | MILITARY-GRADE DESIGN

Next-Gen Hydration System



NEXT-GEN PERFORMANCE | TIGER PRECISION | MILITARY-GRADE DESIGN

Next-Gen Hydration System



NEXT-GEN PERFORMANCE | TIGER PRECISION | MILITARY-GRADE DESIGN

WRBA, Water Rescue Breathing Apparatus 4500PSI/30BAR

includes the Carbon X open face helmet with integrated Tiger automatic breathing mask, mask microphone, water swim goggles, Invisio waterproof 2 port hand controller with radio cable, tactical hear through waterproof ear pieces, auxiliary shoulder speaker/hailer, Force 6 rescue vest, padded backpack with 13CF/1,2L, 4500PSI/30BAR carbon bottle with miniature first stage regulator, mini pressure gauge, optional wrist band pressure transducer, ICOM 34D waterproof programmed VOX radio







Worn by Operators

★ ★ Built for ★ ★

Missions

NEXT-GEN PERFORMANCE | TIGER PRECISION | MILITARY-GRADE DESIGN

1-716-674-8545

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