

## Press release

marketing communication

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### TenCate acquires Smart Body Armor® technology from Newport Sensors

TenCate Advanced Armor USA has acquired from Newport Sensors, Inc., an industry leader in sensor technology innovation, the groundbreaking sensor technology that provides body armor users the ability to inspect, in real-time, the ballistic integrity of hard body armor inserts. The TenCate Smart Body Armor® technology, a network of sensors integrated onto the surface of the hard body armor insert, has been validated through extensive testing conducted in cooperation with the U.S. Army.

The testing determined that the TenCate Smart Body Armor® technology is not only fast and convenient to use, it is also more effective than all other methods used to detect damage to hard body armor inserts. Furthermore, TenCate Smart Body Armor® was found to be durable in the most extreme environments. The quick and reliable TenCate Smart Body Armor® provides military and law enforcement personnel an easy to use, anywhere anytime ability to inspect their body armor, which enhances their safety and survivability.

#### Hard body armor insert inspection

Very high levels of personnel protection can be achieved utilizing hard body armor inserts made with various advanced materials. While these advanced materials are very effective at stopping ballistic threats, they can also be damaged while in use, especially in the typically very harsh combat and law enforcement environments. The consequential damage can result in seriously degraded ballistic protection. Such damage can be very difficult to detect requiring the user to remove his or her personal protection from use and return the hard armor insert to a testing facility for non-destructive testing such as x-ray, to validate the hard body armor insert is still approved for use. Such testing is typically not readily available, expensive, time consuming and not as reliable as TenCate Smart Body Armor® inspection results. Utilizing the newly acquired TenCate Smart Body Armor®, a soldier or law enforcement officer will be able to inspect their body armor routinely especially when they suspect it may have been damaged and obtain results instantaneously.

#### Lifesaving smart wearable technology

Mark Bajko, Vice President of TenCate Advanced Armor USA states: "The growing demand by military and global law enforcement for lightweight systems that provide protection against the full spectrum of rifle threats requires continuous innovation. TenCate is committed to staying in the market leadership position by utilizing advanced materials, smart wearable sensors, and proprietary manufacturing processes to produce our full range of tactical hard body armor

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inserts. TenCate is committed to innovating and incorporating high performance protection technologies that insure our products provide the best protection at the best value. Our innovative composite armor solutions continue to grow as does our smart protection technology product portfolio such as our underbody vehicle IED protection system, TenCate ABDS™ active blast countermeasure system.”

**TenCate Advanced Armor USA**  
**Newark (Ohio), United States of America, Monday 13 October 2014**

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**TenCate Advanced Armor** is a leading global supplier of a wide range of armor composite materials for ballistic protection. TenCate Advanced Armor develops and produces a portfolio of composite and ceramic materials and designs active armor solutions for the protection of police, army, air force, navy and civilian service personnel, vehicles and vessels. TenCate Advanced Armor has facilities in Europe, Asia and North America.

**TenCate Advanced Armor USA** is based in Newark and Hebron, Ohio, with dedicated engineering offices in Goleta, California, specializes in engineering and manufacturing materials and systems that provide armor protection for troops, ground vehicles, air and watercraft.

**Royal Ten Cate** (TenCate) is a multinational company that combines textile technology with chemical processes and material technology in the development and production of functional materials with distinctive characteristics. TenCate products are sold throughout the world.

Systems and materials from TenCate come under four areas of application: safety and protection; space and aerospace; infrastructure and the environment; sport and

recreation. TenCate occupies leading positions in protective fabrics, composites for space and aerospace, antiballistics, geosynthetics and synthetic turf. TenCate is listed on NYSE Euronext (AMX).

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