FastFacts

CHELTON

Challenging environments, failsafe technology and smart thinking...it's just what we do.

1947

Founded in March 1947 by 3 demobbed squadron leaders to transform the avionic industry.

Presence on over 120 core platforms including supersonic, subsonic, rotorcraft, UAV and marine applications.

120

4

Design and manufacturing sites in Marlow (UK), Newmarket (UK), Redhill (UK) and Joensuu (Finland).

2MHz - 6GHz

Dominating the electromagnetic spectrum with a portfolio spanning HF, VHF, UHF and SHF.

C to K band coverage including coherant and noise jamming techniques built to replicate and counter evolving threats.

Charlie to Kilo

1/4 Inch

Exposed length of static discharger which catapulted Chelton to the top of the leader board in the highly specialised field of static dischargers.

Antennas

500,000

Over 500,000 volts have been measured on general aircraft in flight. Our static dischargers protect aircraft from the build up of static electricity, which affects aircraft communication systems.

Assured PNT

70

Every UK Helicopter Emergency Services (HEMS) uses Chelton's TETRA Airwave radio taking off on average every 10 minutes and performing over 70 lifesaving missions a day.

We're on your team

100x

Chelton's anti-jam GNSS system allows platforms to operate 100 times closer to the jammer and still maintain reception.

Anti-Jamming with Beam-forming

QE Class Carrier

First application of land based Air Traffic Control system on marine platform giving customers a familiar product to work with across a number of disciplines.

Land Systems

150,000

Chelton Vehicle Intercom Systems in service around the world.

Air Traffic Management

Nose to Tail

The first complete antenna suite success was on the Tornado with installation on the tail, spine, nose and belly of the aircraft.

Trailblazing since 1947

13

Concorde kept flying in the 90s with Chelton's new and improved TCAS antenna to upgrade the fleet.

Explosive Ordinance Detection

115

Selected by UK Home office to deliver new LTE-based ESN Aircraft Communications System to be installed on 115 aircraft.

Electronic Warfare

Hottest place on Earth

Our in-house development capabilities take avionics to the extreme, with testing between an Arctic-like -70°C the blistering heat of 150°C.

Tested to destruction

NATOJEWCS

Chelton provide EW training through and communicartions jamming and threat simulation.

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Zero defects when using our manufacturing robots and cobots to perform key operations such as gluing, fastening and painting of antennas.

5x

Increased rate of antenna production using our Robotic Cell in Marlow.

Connect with us!

@Chelton

@WeAreChelton

Chelton

@WeAreChelton