

Surveillance & Security Systems

Company Overview



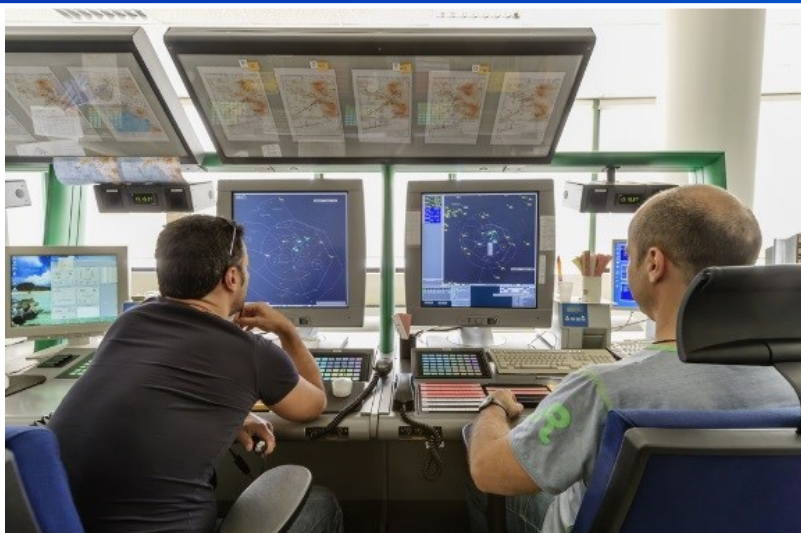
Company Overview

Ultra Electronics Surveillance and Security Systems is an Ultra Electronics business that provides overt and covert surveillance systems through the integration and management of high tech sensors, vessel tracking, mapping and video display systems, as well as recording capabilities for voice, video, operator screens and network data.

These systems provide situational awareness, monitoring, tracking, perimeter surveillance, offshore platform protection through collision prevention, border and coastal surveillance, critical infrastructure perimeter security, and information intercept.

Solutions

- Offshore Asset Protection
- Covert Intelligence Surveillance
- Interception of Communications
- Maritime, Coast and Port Surveillance
- Border Security Surveillance
- Air Traffic Control Recording



Offshore Asset Protection

SAFETY, SECURITY & LOGISTICS MANAGEMENT

Offshore operators are faced with:

- Increased global demand for more energy
- Higher production costs due to the depletion of traditional resources
- Threats from accidental and malicious damage of offshore assets
- Strict health and safety guidelines to protect their employees



Ultra Electronics provides:

- Systems to ensure the safety, security and continued operation of above and below surface assets
- Logistics management to enable the successful operation of cost-effective, multi-role vessels
- Low maintenance solutions backed by experienced offshore support organisation

Covert Intelligence Surveillance

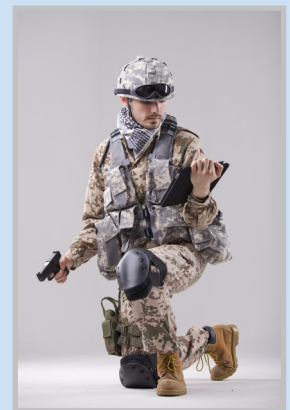
ADVANCED COVERT SURVEILLANCE INTELLIGENCE

Governments are under pressure to

- Reduce spending across all areas of their defence budgets
- Reduce the number of front line soldiers to minimise risk and casualties
- Respond to the increased threats from a wide range of criminal activities such as drug trafficking, people smuggling and terrorism

Ultra Electronics provides covert intelligence surveillance systems that:

- Reduce the need to deploy soldiers in high risk situations
- Provide a fully shared operational picture for field and headquarters based personnel
- Enabling covert deployments using size, weight and power optimised portable equipment



Interception of Communications

SCALABLE SURVEILLANCE AND ANALYSIS

Electronic surveillance can provide governments with vital intelligence to help them understand the operations of criminal groups and terrorist organisations. In order to successfully intercept communications they:

- Intercept millions of voice and data communications across a wide geography
- Store huge quantities of data for later retrieval
- Analyse communications quickly to detect persons-of-interest

Ultra Electronics provides intercept capabilities allowing law enforcement and intelligence agencies to capture, analyse and detect persons-of-interest in near real-time. The technology works across mobile, fixed line, radio and IP networks using voice biometrics to counter evasion attempts by



Maritime, Coast and Port Surveillance

PROTECTING TERRITORIAL WATERS, COASTLINES AND PORTS

The need for maritime, coast and land border surveillance is driven by:

- Political factors causing conflict zones and cross-border terrorist attacks
- Economic downturn triggering smuggling of drugs, weapons and other goods
- Social issues causing an increase in illegal immigration and people trafficking

Ultra Electronics provides a combined voice and data surveillance architecture which simultaneously notifies both the control centre and mobile patrols about imminent threats to security and safety. The solution is deployed at sea, in ports and on land borders.



Border Security Surveillance

LAND BORDERS AND MILITARY PERIMETERS

The need for land border and military perimeter surveillance is driven by:

- The increased smuggling of drugs, weapons and other goods across unmanned land borders
- The increased threat of cross-border terrorist attack
- Political tensions between countries increasing the threat of border or military base attack



Ultra Electronics provides advanced sensor integration software which consolidates feeds from a wide variety of sensors and provides a complete view of the area being monitored. This allows border authorities and military security personnel to perform long range detection of approaching threats and to

Air Traffic Control Recording

POST-INCIDENT ANALYSIS OF MAJOR INCIDENTS

Air traffic incidents need to be investigated fully to determine their cause so that similar incidents can be prevented in the future. In order to meet ICAO and other country-specific mandated requirements and to facilitate investigations, recording systems need to include

- Communications between air traffic control and aircraft
- Controller workstation position screens
- Surveillance radar

Ultra Electronics provides highly scalable systems that simultaneously record:

- Controller workstation positions
- Primary and secondary radar
- Voice communication systems
- Voice-over-IP/ED-137B
- Closed circuit television
- Ambient audio

Capabilities

Sensor Integration

Complex surveillance solutions require the integration of a wide variety of sensors including radar, cameras and sonar. As a result of many years of development, Ultra S³ has a deep understanding of integration best practices and an advanced software platform to support successful integration.

Recording & Analysis

Ultra S³ has significant experience in the recording, storing and analysing of voice and data traffic which is critical to providing lawful intercept and air traffic control recording solutions.

Incident Planning and Management

Integrated planning and workflow management software is key to supporting responses to major incidents. Ultra S³ has experience in deploying integrated solutions to help support many large events.

Cyber Security Integration

Through a combination of strategic partnerships with key security vendors including other Ultra Group businesses and extensive integration knowledge, Ultra S³ delivers a comprehensive range of cyber security protection allowing organisations to protect their critical network infrastructures.



About Ultra Electronics

Ultra Electronics is a group of businesses which manage a portfolio of specialist capabilities, generating highly differentiated solutions and products in the defence & aerospace, security & cyber, transport and energy markets by applying electronic and software technologies in demanding and critical environments to meet customer needs. Ultra has world-leading positions in many of its specialist capabilities and, as an independent, non-threatening partner, is able to support all of the main prime contractors in its sectors. As a result of such positioning, Ultra's systems, equipment or services are often mission or safety-critical to the successful operation of the platform to which they contribute. In turn, this mission-criticality secures Ultra's positions for the long term which underpins the superior financial performance of the Group.

Ultra offers support to its customers through the design, delivery and support phases of a programme. Ultra businesses have a high degree of operational autonomy where the local management teams are empowered to devise and implement competitive strategies that reflect their expertise in their specific niches. The Group has a small head office and executive team that provide to the individual businesses the same agile, responsive support that they provide to customers as well as formulating Ultra's overarching, corporate strategy.

Across the Group's three divisions, the major market sectors in which Ultra operates are:



Defence & Aerospace



Security & Cyber



Transport



Energy

Ultra Electronics Surveillance & Security Systems

316 Botley Road

BurrIDGE

Southampton

United Kingdom

+44 (0)1489 557 373

info@ultra-sss.com

www.ultra-sss.com

Ultra
ELECTRONICS

Surveillance
& Security Systems