Our Training Services

Arquebus offer an unparalleled range of training and development solutions that reflects our commitment to providing essential knowledge transfer to aid the fight against gun-enabled crime.

At Arquebus we recognise that in delivering outstanding training, coaching and mentoring we can provide the specialist support many clients need to build real capacity and capability through the development and implementation of new processes and improved best practice.

Arquebus fully exploits its unique expertise and experience to design and deliver world-class training that focuses on cutting edge gun crime and ballistic investigation, intelligence and associated forensic science disciplines. We recognise that the success in countering the illegal use, manufacture and supply of firearms depends upon other core investigative skills. We therefore also offer a range of training programmes and events that cover a wide spectrum of law enforcement activities.

Arquebus Training Services engage dynamic, highly skilled and experienced UK accredited law enforcement trainers who have a wealth of experience as senior practitioners and field experts. We use world-class expert speakers, real case studies, practical exercises and a blend of learning approaches to deliver dynamic events that strengthen the learning experience of delegates.

We have developed a range of courses and individual modules that give clients maximum flexibility in the content and structure of their training programme. Each module has been carefully chosen to focus on a particular issue and is capable of being delivered independently or by combining a number of modules to form a custom-built training event.

Our designated courses focus on a specialist area, or combine recommended learning from a range of complimentary modules to provide a broader, more comprehensive learning experience.

Our range of training options is not exhaustive and we are very happy to work with our clients to develop further training opportunities not currently included within our portfolio. Our unique sector experience allows us to be completely flexible in meeting your needs.
Catalogue of Training Modules

ILLEGAL FIREARMS - CORE MODULE

Module 1: An introduction to the problem of the illegal use and trafficking of firearms - locally, nationally and internationally

BALLISTIC INTELLIGENCE

Module 2: The development of ballistic intelligence as the core of an effective strategy to combat gun enabled crime

Module 3: Making the most effective use of ballistic intelligence

Module 4: The concept, value and practicality of tracing illegal firearms

Module 5: The role of a Gun Crime Intelligence Unit

Module 6: Threat and risk assessments in relation to the criminal use and trafficking of firearms

Module 7: Developing Strategic and Tactical Assessments and Control Strategies in relation to the illegal use of firearms

FIREARMS MANAGEMENT AND CONTROL

Module 8: Deactivated and Reactivated Firearms – legislation, international differences and common standards of deactivation

Module 9: Firearms amnesties – a practical guide

Module 10: Illegally converted firearms, techniques and conversion workshops

Module 11: Trafficking of firearms across borders

Module 12: Firearm Registration, Record Keeping and Licensing

Module 13: The complete picture - Firearms management, control and Ballistic Intelligence

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FORENSICS
Module 14: Introduction to Ballistic Microscopy
Module 15: Advanced Ballistic Microscopy
Module 16: The Double Casting of Ballistic Evidence and Test Fired Components.
Module 17: Principles of Crime Scene Investigation
Module 18: Ballistic Crime Scene Forensic Investigation, Interpretation and Reconstruction

INVESTIGATION
Module 19: Investigation of gun crime
Module 20: Strategic management and leadership in gun crime investigations
Module 21: Strategic Decision Making for Lead Investigators
Module 22: Investigative Interviewing
Module 23: Intelligence led operations to combat the criminal use, supply and trafficking of controlled drugs
Module 24: Comprehensive Gun Crime Course

CANINE (K9) TRAINING AND DEVELOPMENT SOLUTIONS
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Module 1:
AN INTRODUCTION TO THE PROBLEM OF THE ILLEGAL USE AND TRAFFICKING OF FIREARMS - LOCALLY, NATIONALLY AND INTERNATIONALLY

OVERVIEW
A recommended core module designed to provide delegates with a sound understanding of the nature and extent of gun enabled crime locally and internationally with a focus on the major issues and emerging trends

WHO SHOULD ATTEND
All those working within law enforcement and partner agencies who have an interest in the management, control and investigation of the illegal use of firearms. This module is suited to criminal investigators, intelligence professionals, forensic investigators, partner agencies, policy makers and prosecutors at all levels.

AIM
To provide delegates with a contemporary oversight of the nature and scale of the problem of the illegal use, supply and conversion of firearms on an international basis as well as a more bespoke focus on their own geographical region. It will examine current policy and strategies being implemented to tackle the problem and provide delegates with a good background knowledge of the main issues. This module provides the foundation knowledge and awareness required for the effective management, control and investigation and of illegal firearms and associated offences.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Provide a contemporary overview of the availability of illegal firearms internationally and on a regional basis

➔ Identify the different types of firearms that are available to the criminal marketplace

➔ Understand the potential for these firearms to be used in criminal activity and terrorism

➔ Identify the primary way in which firearms are trafficked and to know the main supply routes

➔ Recognize the importance of being able to trace the source of recovered firearms that have been used criminally

➔ Have knowledge of existing policy and strategy that is being used to tackle the problem and who the main agencies involved in this process are

➔ Act as a catalyst for considering how best to tackle the problem by using the knowledge available in the remaining modules

METHODS OF DELIVERY
This module will be delivered in workshop format facilitated by experienced, qualified law enforcement trainers. The workshop uses a blended learning approach to include presentations, case studies, group work and practical exercises as appropriate. It is augmented with supporting notes and handouts.

MODULE DURATION
1 Day

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Module 2:
THE DEVELOPMENT OF BALLISTIC INTELLIGENCE AS THE CORE OF AN EFFECTIVE STRATEGY TO COMBAT GUN ENABLED CRIME

OVERVIEW
A recommended core module that provides delegates with a thorough understanding of the concept of ‘Ballistic Intelligence’ and how ballistic material recovered from inside and outside a gun can be combined with other intelligence to provide a comprehensive intelligence picture.

WHO SHOULD ATTEND
All those working within law enforcement and partner agencies who have a role in the management, control and investigation of gun enabled crime. This module is suited to criminal investigators, intelligence professionals, forensic investigators, partner agencies and prosecutors at all levels.

AIM
To provide delegates with an understanding of the concept of ballistic intelligence and thereby enhance the knowledge and skills necessary to increase their capacity and effectiveness in their approach to; and conduct of; the investigation into gun enabled crime and associated offenders.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Demonstrate an understanding of ballistic intelligence

➔ Explain the significance and importance of ‘The Big Picture’

➔ Describe the potential to retrieve valuable information both ‘Inside and Outside the Gun’

➔ Appreciate the roles and responsibilities of those involved in generating, managing and utilising ballistic intelligence

➔ Explain how ballistic intelligence is developed

➔ Maximise the opportunities to recover and develop ballistic intelligence

➔ Distinguish the difference between evidence and fast time intelligence and how to apply this

➔ Define the concept of inferred firearms and how this informs ballistic intelligence requirements

➔ Understand how Forensics, Intelligence and Knowledge work in conjunction to produce whole ballistic intelligence picture

METHODS OF DELIVERY
This module will be delivered in workshop format facilitated by experienced, qualified law enforcement trainers. The workshop uses a blended learning approach to include presentations, case studies, group work and practical exercises as appropriate. It is augmented with supporting notes and handouts.

MODULE DURATION
1 Day

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Module 3:
MAKING THE MOST EFFECTIVE USE OF BALLISTIC INTELLIGENCE

OVERVIEW
This module will provide delegates with an illustration of how ‘Ballistic Intelligence’ can be used in practice to guide and prioritise law enforcement activity, identify new and emerging threats and tackle supply networks.

WHO SHOULD ATTEND
All those working within law enforcement and partner agencies who have a role in the management, control and investigation of the criminal use of firearms. This module is suited to criminal investigators, intelligence professionals, forensic investigators, partner agencies and prosecutors at all levels.

AIM
This module builds on the learning gained in module 2 by providing delegates with the enhanced knowledge and skills necessary to increase their capacity and effectiveness in their approach to and conduct of the investigation into illegal firearms and associated offenders.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Understand how the combination of ballistic forensics and intelligence derived from a wide variety of sources can work in conjunction to focus law enforcement activity

➔ Identify the importance of building a body of knowledge that is capable of providing the ‘big picture’ of the scope and nature of gun related crime

➔ Understand the potential for the knowledge that is gained to influence policy and legislation

➔ By reference to a number of case studies understand the practicality of using ballistic intelligence in an operational perspective

➔ Recognise how ballistic intelligence is used to;

➔ Solve individual crimes

➔ Identify linked crimes and offenders

➔ Trace the source of illegal firearms

➔ Identify and tackle supply networks

➔ Tackle smuggling across borders

➔ Identify emerging threats

METHODS OF DELIVERY
This module will be delivered in workshop format facilitated by experienced, qualified law enforcement trainers. The workshop uses a blended learning approach to include presentations, case studies, group work and practical exercises as appropriate. It is augmented with supporting notes and handouts.

MODULE DURATION
1 Day
Module 4: THE CONCEPT, VALUE AND PRACTICALITY OF TRACING ILLEGAL FIREARMS

OVERVIEW
This module is designed to give delegates a thorough understanding of how tracing the origin of illegal firearms can be used to combat and dismantle illegal firearms markets and identify offenders both locally and across borders. It provides practical guidance on how international tracing requests can be utilised to effectively tackle criminal and terrorist activity.

WHO SHOULD ATTEND
All those working within law enforcement and partner agencies who have a role in the management, control and investigation of the illegal use and trafficking of firearms. The module is suited to criminal investigators, intelligence professionals, forensic investigators, prosecutors, border and partner agencies at all levels.

AIM
To provide delegates with the enhanced knowledge and skills necessary to increase their capacity and effectiveness in the identification, management and control of illegal firearms through increased understanding of tracing techniques, procedures and legislation.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Identify the value of tracing firearms
➔ Describe how to trace firearms
➔ Identify the 3 pillars of firearms tracing
➔ Recognise the processes and procedures for making tracing requests
➔ Understand the practicalities and issues associated with firearms tracing
➔ Identify manufacturers and distributor markings on blank-firing firearms
➔ Describe the potential value and limitations of manufacturers and distributor markings in helping trace converted and unconverted blank-firing firearms
➔ Describe how ballistic intelligence was developed and applied in an operational case study in respect to the tracing of illegal firearms
➔ Appreciate how prior learning from conversion techniques and workshops was applied in practice during an operational case study

METHODS OF DELIVERY
This module will be delivered in workshop format facilitated by experienced, qualified law enforcement trainers. The workshop uses a blended learning approach to include presentations, case studies, group work and practical exercises as appropriate. It is augmented with supporting notes and handouts.

MODULE DURATION
1 Day

BALLISTIC INTELLIGENCE
Module 5: The Role of a Gun Crime Intelligence Unit

Overview
This module is designed to allow attendees to understand the role and functions of a specialist Gun Crime Intelligence Unit and to consider the composition and structure of such a unit.

Who Should Attend
All those working within law enforcement and partner agencies who have a role in the strategic or tactical management of intelligence related to the criminal use of firearms. This module is particularly suited to intelligence professionals, analysts and criminal investigators.

Aim
To provide attendees with an understanding of the importance of having a dedicated focal point for the collation, processing, analysis and dissemination of all relevant intelligence relating to the criminal use of firearms. The module will also detail the core functions of a Gun Crime Intelligence Unit and the most appropriate structure and processes that need to be in place.

Objectives
On completion of this module delegates will be able to:

➔ Appreciate the roles and responsibilities of those involved in generating, managing and utilising ballistic intelligence

➔ Understand the role of a Gun Crime Intelligence Unit

➔ Identify the steps necessary to establish an effective Gun Crime Intelligence Unit

➔ Explain the structure and processes that need to be implemented in maintaining an effective intelligence unit

➔ Describe the key inputs to the intelligence unit

➔ Understand how the inputted information is analysed and assessed

➔ Identify the key intelligence products that need to be delivered by an intelligence unit

➔ Recognise the difference between outputs and outcomes

➔ Explain how to monitor the effectiveness of the unit's work

➔ Understand the intelligence cycle of information

➔ Appreciate the value of multi-agency cooperation and joint working within the unit and beyond

Methods of Delivery
The module will be delivered in a workshop format facilitated by an experienced, qualified law enforcement trainer. The workshop uses a blended learning approach to include presentations, case studies, group work and practical exercises as appropriate. It is augmented with support notes and handouts.

Module Duration
1 Day

Ballistic Intelligence
Module 6:

THREAT AND RISK ASSESSMENTS IN RELATION TO THE CRIMINAL USE AND TRAFFICKING OF FIREARMS

OVERVIEW
A module specifically designed to provide delegates with the skill and knowledge to understand how to identify and manage the existing and emerging threat and risk posed by the illegal supply and use of firearms. The module provides in depth guidance on how to produce effective threat and risk assessments and how to use these to address the most serious and immediate issues.

WHO SHOULD ATTEND
All those working within law enforcement and partner agencies who have a role in the strategic or tactical identification and management of risk related to the criminal use of firearms. This module is particularly suited to intelligence professionals, analysts, criminal investigators, prosecutors and partner agencies.

AIM
To provide delegates with the enhanced knowledge and skills necessary to increase their capacity and effectiveness in the identification, assessment and prioritisation of risk associated with the criminal use and trafficking of firearms.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Accurately define and differentiate threat and risk
➔ Describe how to effectively identify risk and assess its potential impact
➔ Understand how to treat and monitor risk in a consistent and structured manner
➔ Physically prepare and prioritise effective threat and risk assessments
➔ Identify and describe how to develop the information required for valid threat and risk assessments
➔ Explain factors that indicate escalating threat and risk
➔ Describe the concept and risk of ‘inferred firearms’
➔ Understand how threat and risk assessments determine operational plans and Multi Agency responses
➔ Ensure threat remains under control and does not re-emerge.
➔ Understand how threat and risk assessments were applied in operational case studies

METHODS OF DELIVERY
This module will be delivered in workshop format facilitated by experienced, qualified law enforcement trainers. The workshop allows the participants to practically work through the completion of a threat and risk assessments and a system of prioritisation. It uses a blended learning approach to include presentations, case studies, group work and practical exercises as appropriate. It is augmented with supporting notes and handouts.

MODULE DURATION
1 Day
Module 7:
DEVELOPING STRATEGIC AND TACTICAL ASSESSMENTS AND CONTROL STRATEGIES IN RELATION TO THE ILLEGAL USE OF FIREARMS

OVERVIEW
This module has been designed to ensure that attendees understand how to strategically manage the threat and risk posed by the criminal use of firearms and how to adopt a structured approach to assessing and controlling it. In doing so it will explain the main intelligence products, and describe how they should be prepared, utilised and evaluated.

WHO SHOULD ATTEND
All those working within law enforcement, partner agencies and within government, who have a role in assessing the strategic threat posed by the criminal use of firearms and developing strategies to counter this threat.

AIM
To provide attendees with the enhanced knowledge and skills necessary to increase their capacity and effectiveness in their approach to developing structured and evidence based strategic assessments of the problem posed by the criminal use of firearms, and how to design and implement strategies to tackle this problem effectively.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Understand the importance of having a structured approach to evaluating and controlling the ongoing threat and risk posed by the illegal use, supply and trafficking of firearms.

➔ Describe the purpose and value of the 4 core intelligence products, namely:-
  ➔ Strategic Assessments
  ➔ Tactical Assessments
  ➔ Problem Profiles
  ➔ Subject Profiles

➔ Define the content of the core intelligence products and understand how to prepare them

➔ Understand how to develop and implement a control strategy in relation to the criminal use of firearms

➔ Appreciate how a control strategy is guided by the inputs provided by the core intelligence products

➔ Understand the importance of a structured tasking and coordination process

METHODS OF DELIVERY
The module will be delivered in a workshop format facilitated by an experienced, qualified law enforcement trainer. The workshop uses a blended learning approach to include presentations, case studies, group work and practical exercises as appropriate. It is augmented with support notes and handouts.

MODULE DURATION
1 Day
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Module 8:
DEACTIVATED AND REACTIVATED FIREARMS – LEGISLATION, INTERNATIONAL DIFFERENCES AND COMMON STANDARDS OF DEACTIVATION

OVERVIEW
This module has been designed to ensure that attendees understand the background, scale and threat posed by the criminal use and supply of deactivated weapons and to understand how deactivation standards vary across Europe and the rest of the world. A focus will be placed upon understanding how to trace the origin of illegal deactivated weapons and the practical importance of developing legally binding common guidelines on deactivation.

WHO SHOULD ATTEND
All those working within law enforcement and partner agencies who have a role in the management, control and investigation of small arms and light weapons. The module is suited to criminal investigators, intelligence professionals, forensic experts and those involved in the registration and control of firearms including legislators.

AIM
To provide delegates with the enhanced knowledge and skills necessary to increase their capacity in the identification, management and control of deactivated and reactivated firearms through increased understanding of reactivation techniques, the differing standards of deactivation and how to trace the origin and supply of reactivated weapons.

OBJECTIVES
On completion of this module delegates will be able to:

➔ Understand the variety of ways in which firearms can be deactivated
➔ Appreciate how the standards of deactivation vary widely and how this can help criminals to reactivate them for illegal use
➔ Identify the techniques that are used to illegally reactivate weapons
➔ Describe how the reactivation methods used can help to identify those responsible for illegally reactivating firearms
➔ Understand the importance of proof house markings and how they can help in tracing the origin of illegal reactive firearms
➔ Describe the benefit of introducing legally binding common guidelines

METHODS OF DELIVERY
The module will be delivered in a workshop format facilitated by an experienced, qualified law enforcement trainer. The workshop uses a blended learning approach to include presentations, case studies, group work and practical exercises as appropriate. It is augmented with support notes and handouts.

MODULE DURATION
1 Day
Module 9: **FIREARMS AMNESTIES – A PRACTICAL GUIDE**

**OVERVIEW**
This module has been designed to ensure that attendees understand the rationale behind holding a firearms amnesty and can identify the advantages and disadvantages of holding one. In doing so it will illustrate the practicalities of managing amnesties on a local and national basis and describe how maximum effect can be achieved in removing firearms from circulation.

**WHO SHOULD ATTEND**
All those working within law enforcement, partner agencies and within government, who have a role in managing the threat posed by the availability of firearms in circulation within their jurisdiction, with particular emphasis on firearms available to the criminal marketplace.

**AIM**
To provide attendees with the enhanced knowledge and skills necessary to evaluate the benefits and risks of holding a firearms amnesty and how to plan and implement a successful amnesty whilst understanding and minimising the associated risks.

**OBJECTIVES**
On completion of this module delegates will be able to;

➔ Understand the importance of having a structured approach to evaluating and controlling the ongoing threat and risk posed by the illegal use, supply and trafficking of firearms.

➔ Describe the competing risks and benefits of holding a firearms amnesty

➔ Evaluate the risks and benefits in order to decide whether or not to hold an amnesty

➔ Explain the main issues to consider in the planning phase of a firearms amnesty

➔ Recognise the importance of an effective communication strategy when dealing with stakeholders and the wider community

➔ Understand how to manage the practical issue of a large number of firearms being handed to the authorities

➔ Describe how to manage the issues of anonymity, specifically with regard to firearms surrendered that have been used in serious crime.

➔ Understand how to measure the impact of a firearms amnesty on the levels of gun enabled crime

**METHODS OF DELIVERY**
The module will be delivered in a workshop format facilitated by an experienced, qualified law enforcement trainer. The workshop uses a blended learning approach to include presentations, case studies, group work and practical exercises as appropriate. It is augmented with support notes and handouts.

**MODULE DURATION**
1 Day

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Module 10: ILLEGALLY CONVERTED FIREARMS, TECHNIQUES AND CONVERSION WORKSHOPS

OVERVIEW
This module will provide delegates with a sound knowledge and understanding of illegally converted firearms, illegal firearms conversion techniques and workshops.

WHO SHOULD ATTEND
All those working within law enforcement and partner agencies who have a role in the management, control and investigation of small arms and light weapons. The module is suited to criminal investigators, intelligence professionals, forensic investigators, partner agencies and prosecutors at all levels.

AIM
To provide delegates with the enhanced knowledge and skills necessary to increase their capacity and effectiveness in the identification, management and control of illegally converted firearms through increased understanding of conversion techniques and modus operandi of associated conversion workshops.

OBJECTIVES
On completion of this module delegates will be able to:

➔ Identify general categories of firearms most suited to conversion and commonly converted
➔ Describe methods of manufacture of blank-firing firearms
➔ Describe general methods of conversion of firearms to overcome manufacturing barriers
➔ Explain features that a converter shows preference for in unconverted weapons
➔ Identify some of the motives for converting firearms
➔ Identify forensic opportunities presented during illegal conversion processes
➔ Recognise the areas of converted firearms for potential yield of Trace Evidence Recovery (TER)
➔ Appreciate the value of conducting TER on converted firearms
➔ Explain the concept and investigative value of sub-classification of firearms
➔ Recognise potential sub-classification features created during illegal conversion processes
➔ Describe how TER/DNA can help to identify and locate conversion workshops
➔ Distinguish the features of and identify the presence of conversion workshops
➔ Formulate a forensic strategy and approach to a conversion workshop
➔ Indicate the type of items to be seized and examined within a conversion workshop and recognise the evidential of those items

METHODS OF DELIVERY
This module will be delivered in workshop format facilitated by experienced, qualified law enforcement trainers. The workshop uses a blended learning approach to include presentations, case studies, group work and practical exercises as appropriate. It is augmented with supporting notes and handouts.

MODULE DURATION
1 Day
Module 11:
TRAFFICKING OF FIREARMS ACROSS BORDERS

OVERVIEW
This module has been designed to ensure that attendees understand the threat posed by the illegal movement of firearms and of the various methods being used to transfer firearms across local, national and international borders. In doing so it will illustrate the importance of tracing the source of firearms entering and exiting the country and sharing information between border agencies and other agencies.

WHO SHOULD ATTEND
All those working within border policing, customs or other law enforcement agencies who have a role in managing the threat posed by the illegal movement of firearms or ammunition across borders.

AIM
To provide attendees with the enhanced knowledge and skills necessary to increase their capacity and effectiveness in intercepting illegal firearms at the border and identifying and prosecuting the people responsible. Attendees will be able to identify the value of sharing information gained from border interceptions with other partner agencies, and using ballistic intelligence to focus their activities more effectively.

OBJECTIVES
On completion of this module delegates will be able to:
➔ Appreciate the nature and extent of the threat posed by the illegal trafficking of firearms and ammunition across local, national and international borders.
➔ Describe the most common means of trafficking firearms, including concealment methods and the use of postal and parcel delivery services
➔ Understand the importance of tracing the origin of firearms exiting and entering the country and the practical way to conduct tracing enquiries
➔ Explain the importance of ensuring that all relevant information gathered at border crossings is shared with other law enforcement agencies
➔ Understand how ballistic intelligence can help in profiling and targeting criminals involved in trafficking firearms

METHODS OF DELIVERY
The module will be delivered in a workshop format facilitated by an experienced, qualified law enforcement trainer. The workshop uses a blended learning approach to include presentations, case studies, group work and practical exercises as appropriate. It is augmented with support notes and handouts.

MODULE DURATION
1 Day
Module 12: FIREARM REGISTRATION, RECORD KEEPING AND LICENSING

OVERVIEW
This module has been designed to ensure that attendees understand the importance of having effective systems in place to manage the registration and licensing of firearms and ammunition, including how to oversee the licensing of firearms to minimise the risk of them being diverted for use in criminal or terrorist purposes.

WHO SHOULD ATTEND
All those working within law enforcement, partner agencies and within government, who have a role in the registration, licensing and record keeping of firearms.

AIM
To provide attendees with the enhanced knowledge and skills necessary to increase their capacity and effectiveness in their approach to the registration and licensing of firearms and ammunition, with a particular emphasis on reducing opportunities for the diversion of legally held firearms for criminal or terrorist purposes.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Recognise the importance of having a structured system for the registration and licensing of firearms and ammunition

➔ Appreciate the need to create a balance between the rights of the individual to own firearms and the duty of the state to protect its citizens

➔ Describe the legislative and technical issues that impact upon the registration and licensing of firearms

➔ Understand the potential for the test firing of firearms to create a ballistic database of legally held firearms

➔ Explain the key components of a successful registration and licensing process

➔ Describe the importance of having processes in place to reduce the opportunity for legally held firearms to be diverted for criminal or terrorist use

METHODS OF DELIVERY
The module will be delivered in a workshop format facilitated by an experienced, qualified law enforcement trainer. The workshop uses a blended learning approach to include presentations, case studies, group work and practical exercises as appropriate. It is augmented with support notes and handouts.

MODULE DURATION
1 Day
Module 13:
THE COMPLETE PICTURE - BALLISTIC INTELLIGENCE AND FIREARMS MANAGEMENT AND CONTROL

OVERVIEW
A comprehensive course drawing its content from many of our other intelligence modules to provide delegates with full knowledge and understanding of all elements of ballistic intelligence.

WHO SHOULD ATTEND
All those working within law enforcement and partner agencies who have a role in the management, control and investigation of the illegal use of firearms. This module is suited to criminal investigators, intelligence professionals, forensic investigators, partner agencies, policy makers and prosecutors at all levels from practitioner to executive.

AIM
This module provides delegates with the in-depth knowledge, skills and understanding required for the effective management, control and investigation of illegal firearms and associated offences. During this course delegates will explore all elements of the most topical gun crime trends and issues as well as the most contemporary and effective methods of identifying and combatting gun enabled crime, gun trafficking and the cogent use of associated ballistic intelligence.

OBJECTIVES
On completion of this module delegates will be able to;

➔ An introduction to the problem of the illegal use and trafficking of firearms locally and internationally

➔ Firearms registration, record keeping and licensing

➔ Deactivated and Reactivated Firearms – legislation, international differences and common standards of deactivation

➔ Illegally converted firearms, techniques and conversion workshops

➔ The development of ballistic intelligence as the core of an effective strategy to combat gun-enabled crime

➔ Making the most effective use of ballistic intelligence

➔ The concept, value and practicality of tracing illegal firearms

➔ Threat and risk assessments in relation to the criminal use and trafficking of firearms

➔ Developing Strategic and Tactical Assessments and Control Strategies in relation to the illegal use of firearms

➔ Trafficking of Firearms Across Borders

METHODS OF DELIVERY
This module will be delivered in workshop format facilitated by experienced, qualified law enforcement trainers. The workshop uses a blended learning approach to include presentations, case studies, group work and practical exercises as appropriate. It is augmented with supporting notes and handouts.

MODULE DURATION
5 Days’
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Module 14: INTRODUCTION TO BALLISTIC MICROSCOPY

OVERVIEW
This module will provide delegates with an introduction to ballistic microscopy and the knowledge, skill and understanding required for the operation of associated specialist microscopes.

WHO SHOULD ATTEND
Technicians and examiners working within law enforcement and partner agencies who have a role in the acquisition and examination of firearms and ballistic material. This module is suited to ballistic identification technicians, firearm examiners and partner agencies.

AIM
To provide delegates with the ability to use a comparison microscope in order to conduct manual reviews for ballistic material comparisons.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Identify relevant microscopes and different types of microscopy
➔ Apply basic operations of use of a stereoscopic microscope and/or comparison microscope
➔ Understand the benefits of the electron microscope in forensic comparison/identifications
➔ Identify ballistic marks (e.g. firing pin, ejection, rifling and striation marks) found on firearm materials
➔ Understand how these marks are produced from the use of a firearm and its mechanism of action
➔ Describe effective techniques for comparative analysis of ballistic marks
➔ Employ practical exercises using projectiles, cartridge cases, magazines, weapons and casts to match known pairs

METHODS OF DELIVERY
The module will be delivered in a workshop covering both theory and practice facilitated by experienced and qualified field experts and technicians. The module will allow delegates to practice and refine the physical use of equipment in the examination of ballistic material. The workshop uses a blended learning approach to include presentations, practical exercises, physical handouts and visual aids.

MODULE DURATION
2 Days’
Module 15:
ADVANCED BALLISTIC MICROSCOPY

OVERVIEW
This module will provide delegates with the advanced knowledge, skill and understanding of ballistic microscopy necessary to increase their capacity, capability and effectiveness in the conduct of ballistic material comparisons and the identification of ballistic material matches.

WHO SHOULD ATTEND
Technicians and examiners working within law enforcement and partner agencies who have a role in the acquisition and examination of firearms and ballistic material. This module is suited to experienced ballistic identification technicians, firearm examiners and partner agencies who have attended our introduction to ballistic microscopy module.

AIM
To provide delegates with the ability to use a comparison microscope in order to conduct manual reviews for ballistic material comparisons.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Apply advanced operations of a comparison microscope – including manipulation of stages, magnification and lighting (ring and oblique)

➔ Identify complex ballistic marks found on examination of firearms material

➔ Provide examples of class, subclass and unique ballistic marks

➔ Employ complex practical exercises using damaged projectiles, pre-stamped cartridge cases and casts to match known pairs

➔ Use the comparison microscope software to generate a captured digital image of a comparison as part of producing a formal positive match certificate

METHODS OF DELIVERY
The module will be delivered in a workshop covering both theory and practice facilitated by experienced and qualified forensic experts and technicians. The module will allow delegates to practice and refine the physical use of equipment in the examination, comparison and matching of ballistic material. The workshop uses a blended learning approach to include presentations, practical exercises, physical handouts and visual aids.

MODULE DURATION
2 Days’

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Module 16: 
THE DOUBLE CASTING OF BALLISTIC EVIDENCE AND TEST FIRED COMPONENTS

OVERVIEW
This module will provide delegates with the necessary training needed to carry out the well tested and established process of double casting ballistic evidence and test fired components using a refined Interpol approved process, which is compatible for use with IBIS TraxHD3D.

WHO SHOULD ATTEND
All those working within law enforcement and partner agencies who have a role in the acquisition and examination of firearms and ballistic material. This module is suited to ballistic identification technicians, firearm examiners and partner agencies.

AIM
To provide delegates with the ability to create identical double casts of their original ballistic material to a microscopic level and impeccable quality, which can then be transported across borders in lieu of original evidence without any issue for examination or acquisition purposes. Delegates will be taught how to produce double casted ballistic material whilst taking into account the continuity of evidence as well as how to effectively and safely operate all equipment and materials used during the whole casting process.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Understand the history, purpose, applications and benefits of double casting ballistic material

➔ Set-up a double casting station capable of processing batches of ballistic material to be casted

➔ Safely operate the vacuum chamber, vacuum pump, pressure pot and air compressor which employs pressure and vacuum conditions

➔ Follow hazardous material guidelines in the safe operation of the chemicals used

➔ Recognise the importance of tracking ballistic material through the casting process in order to maintain continuity of evidence and accountability

➔ Handle a variety of calibres in the casting process by using the most efficient process

➔ Create silicone moulds of ballistic material and extract the original material safely without causing extraction toolmarks

➔ Create black resin casts from a silicone mould and successfully extract them without causing extraction toolmarks

➔ Conduct quality control checks of the casting process by batch sampling to ensure microscopic quality replicas are being produced

➔ Learn the maintenance requirements in order to keep the casting station operational and capable of producing the highest quality casts to microscopic level detail.

METHODS OF DELIVERY
The module will be delivered in a practical workshop format facilitated by an experienced and qualified technician in the process of double casting ballistic material. The workshop uses a blended learning approach to include presentations, practical exercises, physical handouts and visual aids (such as premade silicone moulds and casts).

MODULE DURATION
2 Days’
Module 17:
PRINCIPLES OF CRIME SCENE INVESTIGATION

OVERVIEW
An introduction to crime scene investigation and the basic skills required for forensic recovery, packaging, recording and the interpretation of evidence from crime scenes.

WHO SHOULD ATTEND
This course is best suited to those new to the role of crime scene investigation, first responders or investigators engaged in forensic evidence recovery. It is also suited to those interested in working within forensic science, criminology, the police service and the criminal justice system.

AIM
This course provides delegates with the latest knowledge and understanding required for recovery, recording and the interpretation of basic forensic evidence. This module provides the foundation knowledge and awareness required for effective forensic management, control and investigation of crime scenes. It provides delegates with a broad knowledge base of how crime scenes are investigated. It leads them through crime scenes and various methods of forensic evidence recovery and handling through to interpretation and sharing findings in an investigative context and the presentation of forensic evidence in a legal setting.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Understand the principles of Locards Theory and Persistence
➔ Recognise the issues of contamination and how to avoid such events
➔ Demonstrate a working knowledge of the principles associated with the continuity and integrity of forensic exhibits
➔ Complete accurate scene notes
➔ Describe how a crime scene investigation is conducted in relation to volume, serious and major crime investigations (e.g. vehicle crime, burglary, arson, armed robbery, sexual offences and homicide)
➔ Explain basic crime scene photographic/imaging techniques to include plan scene drawing
➔ Understand how physical trace evidence e.g. Fingerprints, DNA, Footwear and other contact trace evidence associated with crime scene investigation is recovered
➔ Explain a working knowledge of prisoner handling and the relevance of forensic evidence recovery
➔ Describe Post Mortem procedures and evidence
➔ Understand the importance of accurate and comprehensive scene notes, and how opinion based notes and statements can be provided in a legal setting

METHODS OF DELIVERY
This module will be delivered in a workshop format facilitated by experienced, qualified law enforcement trainers, crime scene examiners and forensic experts who all have vast experience of forensic evidence recovery in the most serious and complex investigations. The course uses a blended learning approach to include presentations, case studies, crime scene reconstructions and provides delegates with the opportunity to practice the skills and techniques taught throughout. It is augmented with supporting notes and handouts.

MODULE DURATION
10 days’
Module 18:
BALLISTIC CRIME SCENE FORENSIC INVESTIGATION,
INTERPRETATION AND RECONSTRUCTION

OVERVIEW
This module leads delegates through advanced specialist ballistic crime scene investigation and reconstruction. It provides the latest knowledge, understanding and skills to increase capacity and professionalism in the forensic recovery, handling and interpretation of evidence from simple to complex ballistic crime scenes.

WHO SHOULD ATTEND
This course is best suited to those with experience in the role of crime scene investigation or investigators engaged in forensic evidence recovery - particularly at firearms’ crime scenes. It is also suited to those interested in working within forensic science, criminology, the police service and the criminal justice system who have undertaken our advanced crime scene investigation course or who have similar knowledge and experience.

AIM
This course provides delegates with the very latest knowledge, understanding and higher skills set required for the interpretation, recording and reconstruction of ballistic crime scenes. This module will address different elements of forensic knowledge associated with scenes where firearm’s have been discharged, including armed robbery, serious assault, homicide and suicide investigations.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Demonstrate a wide knowledge of the different types of firearms and ammunition more commonly used in crime. To include the different types of Firearm Discharge Residue (FDR)

➔ Conduct an initial scene assessment identifying potential areas of evidence

➔ Conduct an initial risk assessment prior to deployment of scene investigation personnel

➔ Understand issues of contamination and how to avoid such events

➔ Undertake briefings providing relevant, meaningful and timely information/intelligence

➔ Identify ballistic material at a scene, forensically record and package for laboratory submission

➔ Understand the role of Firearms Officers at crime scenes/making safe weaponry – recovery of DNA materials in situ

➔ Demonstrate a comprehensive understanding of scene interpretation/reconstruction to include the use of trajectories

➔ Demonstrate knowledge of prisoner handling together with post mortem requirements

➔ Understand the role of a Ballistic Forensic Expert and the benefits of scene deployment

➔ Understand persistence and the application of timelines associated with ballistic recovery

➔ Explain the facilities available through the Ballistic Identification Systems

➔ Write comprehensive forensic investigation strategies, providing sound rationale in support of the overall investigative objectives set by the lead investigator

➔ Manage exhibit charting, prioritisation and the completion of submission documentation to a Forensic Science Laboratory

➔ Write a statement and be competent to present evidence in a legal environment

METHODS OF DELIVERY
This module will be delivered in workshop format facilitated by experienced, qualified law enforcement trainers and forensic experts who all have vast experience of forensic evidence recovery in the most serious and complex investigations. The course uses a blended learning approach to include presentations, case studies and crime scene reconstructions which provides delegates with the opportunity to practice the skills and techniques taught throughout. It is augmented with supporting notes and handouts.

MODULE DURATION
5 Days’
Module 19: INVESTIGATION OF GUN CRIME

OVERVIEW
There are some very unique factors that apply specifically to the investigation of gun crime that are not normally in the skill set of most investigators. This module is designed to provide delegates with the enhanced knowledge and skills necessary to increase their capacity and effectiveness in the investigation of gun crime and associated offenders.

WHO SHOULD ATTEND
All those working within law enforcement and partner agencies who have an investigative role in relation to firearms offences and associated offenders. This module is suited to criminal investigators, forensic investigators, partner agencies, adversarial lawyers and prosecutors at all levels.

AIM
To provide delegates with the enhanced knowledge and skills necessary to increase their capacity and effectiveness in their approach to and conduct of the investigation into gun enabled crime and associated offenders.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Understand the specialist aspects involved in the investigation of firearms related criminality
➔ Effectively manage the initial response to a firearms incident
➔ Manage a firearms crime scene, identifying and maximising forensic opportunities
➔ Describe best practice in the forensic/evidential recovery and submission of firearms.
➔ Prioritise the development of fast time intelligence
➔ Describe the importance of and actions necessary to safeguard and maximize the evidence provided by victims and key witnesses
➔ Confidently and competently identify and follow structured investigative lines of enquiry
➔ Identify technical and passive data generators and maximize their investigative/evidential potential
➔ Manage cross border crimes and linked series of incidents
➔ Provide professional ongoing case management in preparation for legal proceedings

METHODS OF DELIVERY
This module will be delivered in workshop format facilitated by experienced, qualified law enforcement trainers. The workshop uses a blended learning approach to include presentations, case studies, group work and practical exercises as appropriate. It is augmented with supporting notes and handouts.

MODULE DURATION
5 Days’

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Module 20:

STRATEGIC MANAGEMENT AND LEADERSHIP IN GUN CRIME INVESTIGATIONS

OVERVIEW
To ensure those charged with the strategic management of gun crime investigations, which are, by definition highly complex have the necessary skills and knowledge to perform the role and enable them to carry out professional and effective management and co-ordination of those investigations.

WHO SHOULD ATTEND
All those working within law enforcement and partner agencies who have a senior lead investigative role in relation to firearms offences and associated offenders. This module is suited to senior criminal investigators, forensic investigators, partner agencies, adversarial lawyers and prosecutors.

AIM
To provide delegates with the enhanced knowledge and skills necessary to increase their capacity and effectiveness in their approach to and conduct of the investigation into gun enabled crime and associated offenders.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Provide clear leadership, focus and direction to serious and complex firearms incidents
➔ Strategically manage and remain accountable for the initial response and subsequent investigation
➔ Recognise the ‘Golden Hour’ principles and Identify priority (fast track) actions/activity.
➔ Identify ballistic crime scenes and forensic opportunities and manage them appropriately.
➔ Maximise the safety and evidential opportunities through the support and management of victims and key witnesses
➔ Establish investigative strategies and evidential opportunities relative to serious and complex firearms crimes
➔ Use ballistic intelligence and the ‘bigger picture’ to progress an investigation
➔ Make and record sound strategic and tactical decisions during the investigation
➔ Understand the significant/specialist supporting roles within a firearms investigation
➔ Appreciate the post charge investigation responsibilities and implications of a court process

METHODS OF DELIVERY
This module will be delivered in workshop format facilitated by experienced, qualified law enforcement trainers all who have vast experience of strategic decision making in some of the most serious and complex of investigations. It will lead delegates through simulated ‘real-time’ case studies led by an experienced senior investigator. The course uses a blended learning approach to include presentations, case studies and provides delegates with the opportunity to practice the skills and techniques taught throughout. It is augmented with supporting notes and handouts.

MODULE DURATION
3 Days’
Module 21:  
STRATEGIC DECISION MAKING FOR LEAD INVESTIGATORS

OVERVIEW
Senior Investigators are the key decision makers in major and complex investigations. This module will provide both new and experienced investigators with the knowledge and skills to enhance their strategic decision making processes and the ability to ethically record and demonstrate the veracity of their thought processes.

AIM
Lead investigators are required to assess the reliability of material, deciding on its possible meaning and determining the action needed to progress an investigation. This module will help provide them with the skill and structures to gather, verify and assess information to gain an accurate understanding of situations. It will examine how they consider a range of possible options, evaluating evidence to make clear, timely, justifiable decisions, reviewing these as necessary. It will assist them to make dynamic decisions that balance risks, costs and benefits, thinking about the wider impact of decisions. Importantly it will provide lead investigators with a framework to ethically record these decisions in order to professionally demonstrate the veracity of their decision making processes that are so often later called to scrutiny.

WHO SHOULD ATTEND
All those who are required to lead major, serious and complex investigations. The course is particularly suited to those working within law enforcement, prosecutors charged with leading investigations and partner agencies. This module is equally relevant to anyone in a role that requires them to make strategic decisions in any type of investigative setting.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Describe and demonstrate structured decision making models

➔ Apply the underlying principles and ethics required to follow an investigative mindset

➔ Demonstrate the ability to make dynamic justifiable decisions

➔ Appreciate the difference between key actions and strategic decisions

➔ Understand the necessity to keep accurate and professional records of strategic, critical, tactical and key investigative issues

➔ Explain how to form significant investigative strategies

➔ Demonstrate how to maintain a policy log and write and record key policy decisions

METHODS OF DELIVERY
This module will be delivered in workshop format facilitated by experienced, qualified law enforcement trainers all who have vast experience of strategic decision making in some of the most serious and complex of investigations. It will lead delegates through simulated ‘real-time’ case studies led by an experienced senior investigator. The course uses a blended learning approach to include presentations, case studies and provides delegates with the opportunity to practice the skills and techniques taught throughout. It is augmented with supporting notes and handouts.

MODULE DURATION
2 Days’
Module 22: INVESTIGATIVE INTERVIEWING

OVERVIEW
This module will introduce delegates to the P.E.A.C.E model of interviewing that provides a structured approach, proven to secure the most reliable, accurate and comprehensive information. This model is used by agencies world-wide and is widely recognized as the most ethical, reliable and successful process to conduct the interview process.

WHO SHOULD ATTEND
All those who are required to conduct interviews as part of an investigative process. The course is particularly suited to those working within law enforcement and partner agencies but is equally relevant and as useful to anyone charged with obtaining accurate and comprehensive information from people they interview.

AIM
To provide delegates with the knowledge, skill and understanding to conduct interviews by applying the principles and framework of the P.E.A.C.E model. The course will provide delegates with a much deeper understanding of the process of interview, question types and techniques. It will demonstrate and allow delegates to plan and practice both Conversation Management and Cognitive styles of interview. By the end of the course delegates will acquire the key skills to effectively and professionally interview witnesses, victims and suspects in order to obtain the maximum possible dependable information or evidence from the process.

OBJECTIVES
On completion of this module delegates will be able to;

➔ Describe and demonstrate effective communication styles, question types and techniques
➔ Describe and apply the underlying principles and ethics required in any interview process
➔ Understand and be able to apply the P.E.A.C.E framework of interviewing
➔ Effectively plan and prepare for interviews
➔ Structure and conduct effective interviews
➔ Apply both Cognitive and Conversation Management interview techniques
➔ Identify, clarify and challenge inconsistencies in accounts given by interviewees
➔ Actively balance the investigator’s powers with the individual’s rights
➔ Evaluate the content of the interview and reflect on their own performance

METHODS OF DELIVERY
This module will be delivered in workshop format facilitated by experienced, qualified law enforcement trainers all who have vast experience of interviewing and advising in the most serious and complex investigations. The course uses a blended learning approach to include presentations, case studies and provides delegates with the opportunity to practice the skills and techniques taught throughout. It is augmented with supporting notes and handouts.

MODULE DURATION
5 Days’

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Module 23: INTELLIGENCE LED OPERATIONS TO COMBAT THE CRIMINAL USE, SUPPLY AND TRAFFICKING OF CONTROLLED DRUGS

OVERVIEW
The criminal use of firearms is inextricably linked to other serious and organised crime, none more so than the illegal supply and trafficking of controlled drugs. This module provides delegates with the oversight and skills to competently and ethically perform their role within intelligence led investigations to combat the illicit use and supply of controlled drugs.

WHO SHOULD ATTEND
All those working within law enforcement and partner agencies who have an operational role in the management, control and investigation of the illegal use of controlled drugs and/or firearms. The module is suited to criminal investigators, intelligence professionals and partner agencies.

AIM
This module demonstrates the inextricable connection between illegal use of firearms and drug supply. It provides delegates with the enhanced knowledge and skills necessary to increase their capacity and effectiveness in their approach to and conduct of intelligence led covert operations and investigations to combat these crimes.

OBJECTIVES
On completion of this module delegates will be able to:

➔ Describe the various Controlled Drugs and their effects.
➔ Describe current trends in unlawful supply, trafficking and drug abuse
➔ Outline the principles of the National Intelligence Model
➔ Explain the importance of intelligence and information to policing
➔ Describe the Intelligence Cycle
➔ Explain the role of a Covert Human Intelligence Source (Informant) including the potential benefits and risks
➔ Demonstrate the 5x5x5 process and sanitization of information
➔ Demonstrate an understanding of any relevant legislation and authorisation processes
➔ Complete an operational Risk Assessment
➔ Outline operational tactical resolution options
➔ Prepare an Operational Order
➔ Deliver an operational briefing
➔ Maintain a Surveillance log
➔ Demonstrate the use of a Static Observations Post
➔ Explain the implications of any necessary disclosure on Intel led investigations

METHODS OF DELIVERY
This module will be delivered in workshop format facilitated by experienced, qualified law enforcement trainers with tremendous field and operational experience. The course uses a blended learning approach to include presentations, case studies and practical exercises that provide delegates with the opportunity to practice the skills and techniques taught throughout. It is augmented with supporting notes and handouts.

MODULE DURATION
5 Days’

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Module 24: Comprehensive Gun Crime Course

Overview
A complete course drawing its content from many of our other modules to provide delegates with comprehensive knowledge and understanding of all aspects of gun enabled crime, ballistic intelligence and serious firearms investigations.

Who Should Attend
All those working within law enforcement and partner agencies who have a role in the management, control and investigation of the illegal use of firearms. This module is suited to criminal investigators, intelligence professionals, forensic investigators, partner agencies, policy makers and prosecutors at all levels from practitioner to executive.

Aim
This module provides delegates with the in-depth knowledge, skills and understanding required for the effective management, control and investigation of illegal firearms and associated offences. In the first week delegates will explore all elements of the most topical gun crime trends and issues as well as the most contemporary and effective methods of identifying and combatting gun enabled crime, gun trafficking and the cogent use of associated ballistic intelligence. The second week will guide delegates through all elements of the investigation of a fatal firearms incident. This course builds extensive knowledge and capacity in those who attend and the agencies they represent.

Objectives
Week 1: The first week of this course will cover the following topics;

- An introduction to the problem of the illegal use and trafficking of firearms locally and internationally
- Firearms registration, record keeping and licensing
- Deactivated and Reactivated Firearms – legislation, international differences and common standards of deactivation
- Illegally converted firearms, techniques and conversion workshops
- The development of ballistic intelligence as the core of an effective strategy to combat gun-enabled crime
- Making the most effective use of ballistic intelligence
- The concept, value and practicality of tracing illegal firearms
- Threat and risk assessments in relation to the criminal use and trafficking of firearms
- Developing Strategic and Tactical Assessments and Control Strategies in relation to the illegal use of firearms
- Trafficking of Firearms Across Borders

Week 2: On completion of the second week delegates will be able to;

- Understand the specialist aspects involved in the investigation of firearms related criminality
- Effectively manage the initial response to a firearms incident
- Manage a firearms crime scene, identifying and maximising forensic opportunities
- Describe best practice in the forensic/evidential recovery and submission of firearms
- Prioritise the development of fast time intelligence
- Describe the importance of and actions necessary to safeguard and maximize the evidence provided by victims and key witnesses
- Confidently and competently identify and follow structured investigative lines of enquiry
- Identify technical and passive data generators and maximize their investigative/evidential potential
- Manage cross border crimes and linked series of incidents
- Provide professional ongoing case management in preparation for legal proceedings

Methods of Delivery
This course will be delivered in workshop format facilitated by experienced, qualified law enforcement trainers with tremendous operational experience. The course is supported by a number of acclaimed guest speakers and field experts who deliver dynamic contemporary lectures. The workshop uses a blended learning approach to include presentations, case studies, group work and practical exercises that allow delegates to practice and test the skills they have learnt. It is augmented with supporting notes and handouts.

Module Duration
2 Weeks’ (10 days’)

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CANINE (K9) TRAINING AND DEVELOPMENT SOLUTIONS
Canine (K9) Training and Development Solutions

The investigation, prevention and reduction of local, national and international gun crime is amongst the most challenging and difficult areas for law enforcement. Crimes that include firearms trafficking, smuggling, illegal weapon conversion, organized crime, terrorism and homicide are often the most demanding, complex and testing for law enforcement and partner agencies. Yet one of the most effective tools to enable successful interventions in the war against illegal firearms is the simple but exceptional canine sense of smell.

At Arquebus we recognize the critical value of efficient K9 assets, effectively trained, deployed and managed, in the battle against gun enabled crime.

Working only with the most highly skilled, experienced and qualified K9 instructors, practitioners, breed managers, handlers, facilities and equipment, combined with Arquebus’s unparalleled expertise and experience in gun crime intelligence and investigation, allows us to offer a range of unprecedented specialist K9 services.

Our K9 trainers are qualified to internationally recognized standards and with extensive field experience in the Military, Police Service and private security sector. Our training is designed, developed and delivered in line with exacting UK Home Office and NASDU (National Association of Security Dog Users) standards, and subject to strict assessment criteria.

Using our authoritative knowledge and experience of breed management, husbandry and breed characteristics we provide a comprehensive range of services extending from acquisition of the most suitable ‘green’ dogs through to bespoke training for specialist detection dogs and handlers, capable of working in the most challenging of environments.

Arquebus offers an outstanding range of K9 training and development solutions that provide the essential skill, capability, and knowledge transfer that will build and enhance true K9 capacity and effectiveness in the situation that you operate.

Arquebus Training Services again works closely with clients to truly understand their specific K9 needs and in doing so we work carefully to develop tailored training programmes and operational solutions that reflect the challenges, occupational and international standards, legislation, procedures and practices of the client’s environment.

The services we provide include;

➔ Consultation, scoping, and recommendation on the establishment and deployment K9 assets

➔ Advice and guidance on best practice to maximize the efficiency and effectiveness of existing K9 assets and units

➔ Assessment and Review of current operational standards, practices and procedures

➔ Acquisition and supply of the most able ‘Green’ dogs

➔ Basic dog handler training

➔ Drugs, Firearms and Currency detection dog and handler training

➔ Explosives detection dog and handler training

➔ Proactive and Passive Screening detection dog and handler training

➔ General Patrol/Security dog training

➔ Supply of trained specialist detection dogs for deployment with experienced dog handlers

To find out how our services can help your organisation, please call +44 (0)844 335 8859 or email info@arquebus-solutions.co.uk
Our Team

**Paul James**
BA (hons), MSc. MBPsS, – Director

Paul is an experienced investigator with 30 years of operational experience, dealing with all types of serious and organised crime. He retired from Avon and Somerset Police with the rank of Detective Chief Superintendent in October 2012 after a career that saw him specialising in the investigation of serious crime.

For the final six years of his police service he was at the forefront of the establishment and operational management of the United Kingdom National Ballistics Intelligence Service (NABIS), performing the roles of Programme Manager and Unit Head.

During his time in UK law enforcement he was a Professionalising Investigation Programmes (PIP3) accredited Senior Investigating Officer (SIO), who in this role led some of the most serious and high profile criminal investigations in the UK. During this time he received numerous Chief Constable and Crown Court Commendations. He has a wide network of contacts in the law enforcement community, legal profession and private industry.

**Matt Lewis**
Director

Matt is an experienced law enforcement professional. As the former Head of Knowledge and Communications for the United Kingdom National Ballistics Intelligence Service (NABIS) he has developed a unique set of skills in establishing the world’s leading gun crime intelligence provision. He also has a wealth of experience gained during his time in the private sector.

During his time developing and delivering the NABIS programme he played an essential role in taking NABIS from concept through to a fully operational intelligence service. He carried out numerous key functions including organisational change, programme and financial management, marketing and inter-agency liaison functions allowing NABIS to develop quickly and efficiently.

Matt also brings a wealth of private sector experience including an in-depth knowledge of the Information & Communication Technology (ICT) field having worked as an IT Service Delivery Manager for both BMW and the Ford Motor Company’s Premier Automotive Group.

In recognition of his work Matt received the West Midlands Police Chief Constables Award in 2012 as well as a Presidential Commendation from the Association of Chief Police Officers in the same year.

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ADRIAN WHITING
QPM AIE ExpE Head of Small Arms & Light Weapons Control Projects

Adrian served for more than thirty years in the UK Police Service, undertaking duties in London, Hampshire and for eleven years as the Assistant Chief Constable (Operations) for Dorset.

Operationally he commanded the Safety & Security operation for the London 2012 sailing events, a number of party political conference security operations and served as a Police Strategic Firearms Commander, including as a member of the Association of Chief Police Officers (ACPO) Counter Terrorist Extreme Threats Commanders Cadre. This latter role was a national one concerning combined response to extreme threats, involving joint work with UK Armed Forces. Adrian undertook national responsibility, on behalf of UK ACPO, as the Lead Chief Officer for firearms and explosives control, which included border security and international liaison. He developed policy and assessed technical matters for interpretation.

Since retirement from the police service in August 2013 Adrian has worked in the defence & security sector in connection with defensive search capability development, weapon sight development and firearms & explosives control.

Adrian was awarded the Queen’s Police Medal for Distinguished Service in Her Majesty’s Birthday Honours 2012.

GEOFF SPICER
BA.Ed (hons) – Head of Training Services

Geoff’s unique blend of operational policing experience, academic qualification and experience of training law enforcement agencies world-wide allow him to design and deliver the most powerful training events to clients.

As a Chief Superintendent with over 30 years’ experience he retired from the UK police service in July 2014. At that time he was the Area Commander for one of the largest and highest performing command units in the South West of England commanding over 1000 staff with responsibility for a budget circa. £50 million.

Geoff is an accredited UK National Police Trainer who holds industry standard qualifications in adult and further education as well as a 1st Class honours degree in education. His thesis centred on the interview of homicide suspects and became a key influence in current national high order police interview technique training.

He has designed and delivered training programmes and events at regional and national level in the UK as well as in the International arena. By example, he has delivered the serious crime modules to the Senior Command Course in the United Arab Emirates (UAE) and Senior Investigating Officer (SIO), Management of Investigators and Investigations, Intelligence, Drugs Investigations, Covert Operations and Interview Technique Courses to the Sovereign Based Areas Police Service and CYPOL in Cyprus.
Laura is a highly skilled and professional individual with many years of experience in the automotive and customer service sector. Working in a part time capacity her duties as Company Secretary include areas such as maintaining statutory registers, filing annual returns with Companies House, maintaining the security of the company’s legal documents and ensuring the companies policy for the retention of documents is in compliance with legal requirements.

Laura also supports the Directors with advice, consultation and learning in relation to statistical reporting and people management processes.
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Why Arquebus?

The Arquebus is a shoulder-fired firearm that was developed in the 1400’s and is the forerunner of the modern rifle. It completely revolutionised warfare as it made its counterpart the crossbow obsolete.

Compared to archery where it took many years of training to produce an effective archer, the Arquebus could be used after minimal training, which meant that many soldiers could be trained to use the Arquebus in the same time that it took to train a single skilled archer.

Facing overwhelming opposition the Spanish deployed 3000 Arquebus shooters to kill over 8000 knights on horseback. This defeat marked the swan song of warfare being dominated by armoured knights, and ended the age of chivalry.

Although the Arquebus was indeed a huge advance in technology its usefulness was initially inhibited, as it was not effective for long range sniping. However it was by developing the tactic of using it by massed ranks of soldiers in an organised manner that allowed its full potential to be realised.

The Arquebus was a revolutionary weapon which combined with innovative tactics and technical superiority allowed the Spanish to destroy the once great Aztec empire in Colonial Latin America, making all other weapons obsolete and becoming the weapon of choice for 150 years.

The Arquebus was widely used across Europe and in parts of Asia, but its importance can probably be best illustrated by its use during the battle of Pavia between France and Spain in Italy in 1525.

In the same way that the Arquebus inspired change in the way that warfare was conducted some 600 years ago Arquebus can transform the way in which you focus your ballistics intelligence and business processes to maximum effect.

To find out how our services can help your organisation, please call +44 (0)844 335 8859 or email info@arquebus-solutions.co.uk
Who we work with

Arquebus - Premises

Arquebus is based at the Coventry University Technology Park in the United Kingdom.

Based in the £4m HDTI building, Arquebus supports its consultancy, knowledge transfer and managed service solutions from this state of the art facility.

CONTACT US

If you would like to contact us to discuss how Arquebus can support you with our range of services, or for any other general enquiry, please please call +44 (0)844 335 8859 or email info@arquebus-solutions.co.uk

Thank you.

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