

TRAINING PROGRAM



PKI ELECTRONIC INTELLIGENCE GmbH GERMANY

PKI 10000

Training and Consultancy

- Wide spectrum of specialist subjects
- Tailor-made to customer's requirements
- Highly skilled training personnel
- Fully protected and secure training centre
- In-house accommodation for students

PKI ELECTRONIC INTELLIGENCE Training Services form an important and often integral part of implementing a successful security operation. A major factor in **PKI**'s philosophy is the conviction, that training and understanding of products and technology are a critical factor and major strength in finding successful security solutions.

PKI's Training Services provide specialist courses covering a wide range of topics. The exact requirement, scope, style and level of training is normally defined after a fact-finding visit to the end-user's location. During this meeting with the client and final user of **PKI**'s products the gain of specific knowledge will be determined and a syllabus of the coming training-course is defined. Every service provided can and will be individualised to meet our client's requirements.

PKI's highly trained personnel consist of only selected engineers with very special skills who are called upon by many governmental security



organisations to give advice and consultation. Key factors are flexibility, personalised service, professionalism and utmost discretion. Total integrity and security of the client's information is guaranteed at all times.

The training centre is located on our own 20.000 square meters territory in Lütjensee (30 min. away from the centre of Hamburg) allowing the

necessary outdoor exercises and system training in a secure environment without any external interference or disturbance. The complete area can be protected by security guards if requested.

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Training and Consultancy

The whole range of Training Services includes seminars in the fields of:

1) Surveillance

including courses on academic basis, general techniques & equipment, audio surveillance, video surveillance, still photography, mobile surveillance, vehicle tracking, maintenance and service etc.

2) Counter Surveillance

including courses on basic threats, professional threats, general techniques and equipment, countermeasure methods, countermeasure devices etc.

3) Crime Investigation

including courses on photography, evidence collecting, analyst database etc.

4) Protective Security

including courses on static location, close protection, VIP security, VIP drivers and team leaders etc.

5) Methods of Entry

including courses on basic systems, advanced



systems, techniques and equipment on how to gain access to closed rooms etc.

6) Anti Riot / Anti Drugs

including courses on EOD/IED disposal, basic demolitions, advanced demolitions, sniper, narcotic detection etc.

In each of these specialised seminars detailed understanding is passed on in academic bases, possible threats, maintenance and service, techniques and equipment plus the knowledge about every feature of **PKI**'s products and how to use these with a maximum of effectiveness.

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Training Program

PKI Electronic Intelligence offers training courses as we are convinced that understanding of products and technology are most important for a successful operation. The training courses are held at our own premises, located on our own 20.000 square meters territory. The training centre allows the necessary outside exercises and systems training in a secure environment without any external interference or disturbances.

The ground floor consists of 2 comprehensive equipped training class rooms including workshops, offices, 2 show rooms and the main dining room with adjacent central kitchen including cooking staff for preparation of daily meals.

The upper floor is designed for the accommodation of up to 12 students in single apartments. Each comfortably designed apartment is equipped with sleeping room, bathroom and some of them are equipped with their own kitchen.

The following training courses are available:

Training Course Overview “Surveillance”

Academic Course	Basic Mathematics General English Language Computer Studies Basic Electronics	4 weeks
Techniques & Equipment	Audio & Video Surveillance Body worn operations Room surveillance Telephone tapping Vehicle eavesdropping Camouflage Laser monitoring Infrared monitoring Optical systems Audio/Video transmission Audio/Video enhancement Low noise drilling Protection against counter measure Tactical deployments Search and inspection techniques	4 weeks or adapted to client's requirements and equipment selection
Audio Surveillance	Wired/Wireless Systems Body worn operations Room surveillance Telephone tapping Stethoscopes Laser monitoring Infra red monitoring RF & GSM transmission Graphic/Parametric equaliser Audio enhancement Tactical deployments	3 weeks or adapted to client requirements and equipment selection
Video Surveillance	Surveillance PCB cameras PCB camera lenses Long range lenses Body worn surveillance Room surveillance Open area surveillance Day / Night video Image intensifiers Infrared illumination Camouflage Recovering Rigid / flexible endoscopes Low noise drilling Vehicle fits Video transmission RF GSM ISDN / analogue telephone Scrambling Encryption Repeater Remote control Enhancement & filter Video enhancement Stand alone system PC based system	3 weeks or adapted to client requirements and equipment selection

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Still photography	Traditional Photography Film processing Digital Photography Digital Imaging Image Intensifiers Infrared	2 weeks
Surveillance Course I Static Surveillance	Personal Security Orders & Briefings Recognition Equipment Dress & Appearance	2 weeks
Surveillance Course II Foot Surveillance	Personal Security Covert fits Equipment Orientation & map studies Communications Dress & Appearance Information reporting	2 weeks
Surveillance Course III Mobile Surveillance	Covert fits Equipment Orientation & map studies Evasive & defensive driving Information reporting	2 weeks
Vehicle tracking	Tracking methods RF beacon & Directional Finding DF RF System components Covert installation GSM + GPS tracking Mapping software Vehicle & object preparing Practical exercises	2 weeks alternatively 1 week w/o GSM & GPS
Maintenance & Service	Theoretic background Function of equipment Electronic boards and circuits Circuit diagrams Trouble shooting Board & part exchange Measuring & testing equipment General Maintenance	depends on the type and range of selected equipment
Electronic Counter Surveillance	Analogue threats Manual search methods Electronic search methods	basic training: 3 weeks
Basic	RF detection & locating Cable checking Spectrum analysis Microphone detection IR & Laser threats Software help tools Sweep planning & concept Active protection	Adapted training depending on client's requirements and equipment selection
Electronic Counter Surveillance	Including - Basic - Digital threats Spread Spectrum	basic training: 5 weeks
Advanced	Frequency hopping Manual & optical search Electronic search methods RF detection Location of bugs Telephone cable checking Mains cable checking Spectrum analysis Microphone detection IR threats Smart attacks Attacks through PBX Attacks via ISDN Software help tools Sweep planning Sweep concept Masking Jamming Scrambling Encryption	Adapted: depending on client requirements and equipment selection

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Training Course Overview “Crime Investigation”

Scenes of crime Photography	Crime scene protocol Choice of equipment Techniques of exposure Lighting Traditional photography Digital photography Digital Imaging Photos as evidence Specialist techniques Practical exercises	2 weeks
Scenes of crime Evidence	Preservation of crime scenes Preservation of evidence Fingerprint techniques Footprint moulding	2 weeks
Investigation & Analyst Database	Range of training courses to meet the requirements of analysts and investigators and technical database developer	varies according to the level of courses adapted to the client's requirements
Basic Course Investigators & Analysis Operational Users Technical Users Designer & Researcher		

Training Course Overview “Protective Security”

Protective Security Static Location	Threat identification Terrorist operations I.E.D. Information & Office Security Personal Security	2 weeks
Protective security Close Protection	Threat Identification Terrorist operations Personal Security Escort organisations Attack procedures Weapon handling	2 weeks
Protective Security VIP Drivers	Threat Identification Terrorist operations Vehicle security Convoy procedures Evasive & defensive driving	1 week
Protective Security Team Leaders	Threat Identification Security levels VIP protection Protection profiles Counter sniper & attack	1 week

Training Course Overview “Covered Methods of Entry”

Basic Systems	Theory of locking mechanisms Introduction to lock pick tools Padlocks Lock recognition Making of tools Various methods of entry Vehicles Office Equipment Key pressing and recording Key cutting	Standard: 2 weeks Adapted: depending on client requirements and equipment selection
Advanced Systems	Recognition Impression Alarm systems PIR systems Introduction to safes Projects Forces entry	Standard: 2 weeks Adapted: depending on client requirements and equipment

Training Course Overview “Anti Riot”

Explosive Ordnance Device (E.O.D) Disposal	Basic chemistry of explosives Basic explosives Classification of explosives & ammunition Ammunition design principles Ammunition & explosive markings	3 weeks
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	Demolition stores & accessories Explosives safety & handling Methods of initiation & misfire drills Theoretic basic of disposal Disposal of blinds & uxo's theory Remote equipment EOD specialist equipment Demonstration of explosives Dry training exercises Confidence testing Live exercises	
Improvised Explosive Device (I.E.D.) Disposal	IED philosophy IED types & construction Commercial & home made explosive (HME.) IED disrupters IED team manual equipment Remote equipment Duties of an IED team No. 2 Incident control point drills Questioning techniques & task Appreciation Basic search techniques Access & render safe procedures Vehicle clearance procedures Manual operations Military booby trap mechanisms Radiography Equipment practice Practical exercises	3 weeks
Training Course Overview "Anti Riot"		
Explosive Demolitions (Basic)	Safety rules Electrical rules Rules for detonation cord Initiation sets Electric & flash initiation Ring mains & mains lines Standard charges Steel cutting Wood cutting Attack methods Booby trap switches Practical Exercises	2 weeks
Explosive Demolitions (advanced)	Safety rules Exploders Mines & improved mines Remote type ambush Advances steel cutting Pressure & concussion charges Pier footing charges Landing site construction Attack methods and profiles Target RCCE formats Tactical targets Bridge types and construction Incendiary devices & procedures Home made explosives Improvised explosive devices Practical exercises	4 weeks
Training Course Overview "Anti Riot – Anti Drugs"		
Sniper courses	Various course levels for	each course
Basic	Sniper beginners	1-2 weeks
Advanced	Sniper veterans	
Tactical Operations	Emergency team officers	
Tactical Command	SWAT team leaders	
Narcotic Detection	Obedience Evaluation and Training	8 - 12 weeks
Dog training	Basic Safety Considerations Basic Detection Training Dog's Sense of Smell Scent Association Improving Indication Skills Building Search Strategies and Patterns Vehicle Search Strategies and Patterns Luggage and packages Open area searches Handler training	(dog training)

Terms of Sale, Delivery and Payment

of **PKI ELECTRONIC INTELLIGENCE GmbH**
- hereinafter called **PKI** -

1) **Purview**

These conditions are valid for all **PKI** sales, deliveries, services and offers. Placing orders with **PKI** means acceptance of this. These terms will even be valid for coming bills of sale and commercial contacts if they are not mentioned explicitly. Differences, in particular the purchaser's own terms of trade and verbal agreements, are only valid if **PKI** expressly agree to them in writing.

2) **Product Information**

Although any product information was current at the time this document was approved for printing, **PKI** reserves the right to change specifications, designs and models without notice. **PKI** does not assume any responsibility or liability for typographical errors which may appear herein and such errors are subject to correction. Technical data are subject to change without prior notice.

3) **Quotations and Acceptance of Orders**

PKI's quotations are non-binding and we reserve the right to reject any order in whole or in part. In particular, quotations are subject to the goods still being available and to their not having been previously sold. Also **PKI** reserves the right to make price adjustments, unless **PKI** has expressly designated the quotation in writing as binding. All orders received are subject to final acceptance by **PKI** and agreements made verbally, by telephone, or through our representative are only valid if **PKI** has confirmed them in writing and only in accordance with the terms set forth herein.

4) **Specification and Application of Goods**

Illustrations, details of size, weight and technical specifications generally are only approximate. Samples are not binding and are only representative of the type, unless **PKI** has expressly guaranteed certain properties in writing. **PKI** does not guarantee the suitability of equipment for the purchaser's intended application. **PKI** also excludes liability to the purchaser as well as to third parties.

5) **Delivery**

Purchaser's requested delivery schedule will be met by **PKI** to the best of its ability. Delivery dates are quoted to the best of **PKI**'s knowledge based on the period of time likely to be required for delivery, but are only binding if this expressly is stated in writing. Partial deliveries are always allowed and count as individual transactions.

6) **Prices**

All prices indicated are "ex works" and do not include packing, freight and insurance charges for equipment shipped overseas. The purchaser is responsible for any further transportation method. Additional charges relating to freight, insurance, handling, documentation, stamp duties, import duties or tariffs have to be born by the purchaser. In any case, where **PKI** supplies their goods, the INCO-terms - as per latest edition - shall be considered as being the basis of delivery.

7) **Payment**

PKI only supplies goods to firms abroad against an irrevocable letter of credit issued by customer's bank and being confirmed by a first-class German bank, or on 100% prepaid cash-in-advance payment into **PKI**'s named bank-account. In every case payment is to be made in EURO-currency.

8) **Guarantee**

PKI only warrants for new products that are limited in use because of wrong material or insufficient workmanship within a period of 12 months from date of shipment.

Identifiable defects have to be indicated in written form and within two weeks from date of shipment.

Not identifiable defects have to be indicated in written form at detection, within than the warranty period of 12 months starting from date of shipment.

9) **Legal Statute and Place of Jurisdiction**

All cases of disagreement arising from **PKI**'s transactions with customers are exclusively subject to the law of the Federal Republic of Germany. In all cases of dispute with customers local jurisdiction solely lies with the Hamburg Courts but **PKI** is also entitled to take legal action at the place of the orderer.

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