



COMPANY PROFILE

WE OFFER
SOLUTIONS TO YOUR
COMPLEX TECHNOLOGICAL
CHALLENGES WITH
BESPOKE PRODUCTS,
SYSTEMS AND SERVICES



www.tekworx.com.pk

ABOUT US

WHY CHOOSE US?

The team at TekWorx comprises of technology enthusiasts from Ph.D holders to fresh graduates with knowledge base varying from digital signal processing to technology based venture creation. Our strength lies in technical research based approach to find solutions to business problems. The team includes individuals with past experience with Multi-National Suppliers, Government, Defense, Information Technology Companies and Academia.

With the backing of leading partners from across the globe, we work on a variety of different business models that caters to our clients' needs.

TEKWORX VELOCITY SCREEN AT IDEAS 2018



DEFENCE

GOVERNMENT

INDUSTRY



To be a unique technology solutions provider for the region.



We develop and implement optimal tech solutions to challenges faced by our clients.

OUR STORY

We, at Tekworx, are proud to provide advanced technology solutions to our clients enabling them to improve upon their operations and business. Our philosophy goes beyond working with business entities as we look forward to serve the community in partnership with our clients. Our strength lies in our ability to integrate technologies to deliver solutions that have business value for our clients. TekWorx helps select technology based solutions and implements those solutions. Since its inception in 2011, we have been providing services in the areas of Public Security, Tactical Drones / Drone Denial systems, Precision Instrumentation, Information & Network Security, RF/Microwave Test & Measurement, RF Surveillance & Counter Surveillance and Smart Power Systems. We are always open to work with clients on a variety of working models suitable to the organization's environment.

KAMAL AHMED- CEO

PORTFOLIO

DRONES AND ANTI-DRONES

DRONES

TekWorx working with leading partners delivers application specific fixed wing, VTOL (Vertical Takeoff and Landing) and Tethered Drones for any operational requirement.

ANTI-DRONES

As Consumer Drone technology rapidly advances, there is a growing need for robust, responsive and easily deployable anti-drone sensors for protection of VIPs, critical infrastructure. TekWorx provides handheld, transportable, fixed anti-drones systems tailored to meet the customer requirement.

PRODUCTS RANGE

HEIDRUN UAV

The Heidrun UAV is a battle proven, fixed wing, mini drone system deployed in leading defense forces including (NATO) countries. Heidrun offers unmatched capabilities in a hand launched mini UAV category with ease of use critical for tactical deployment. Different UAV versions offer Day / Night video surveillance, 2/3D mapping, communications relay and SIGINT/ECM features.



TETHERED UAV

By using the Elistair France Safe-T2® smart tethered station for commercial drones, users can continuously hover their drones at up to 125m altitude without thinking about battery. Thanks to advanced technology adoption, the solution enables unlimited access to an aerial view, in real time and in a highly secure manner.

HANDHELD ANTI-DRONE SOLUTION

WINGMAN® is the smallest handheld (wearable) drone detector on the market offered by MyDefence Denmark. The WINGMAN works as a standalone product, but can interface with i.e. ATAK or any other C2 device for battlefield overview.

Our intelligent jamming device PITBULL® can be integrated with the WINGMAN® for an automated detection and defeat solution against malicious drones. The PITBULL is the intelligent response to the LSS (Low, Slow, Small) drone as it is an automated response to the threat.



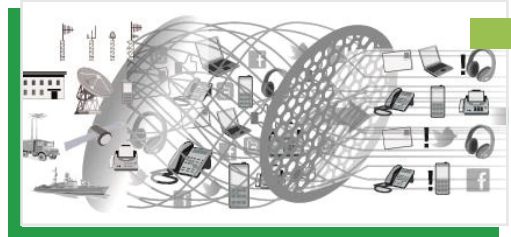
PORTFOLIO

SURVEILLANCE SOLUTIONS

With the ongoing development in wireless and digital communications, there is a constant requirement for Defence, Law enforcement and Intelligence customers to equip themselves with monitoring and surveillance solutions and get one step ahead of adversaries. With decades of experience in surveillance and radio monitoring, the team at TekWorx can provide turnkey solution and services for tactical and strategic applications.

SOLUTIONS

- Optical Intelligence solutions with facial recognition
- Mobile Phone, WLAN and Satellite Monitoring
- RF Detectors
- IP and Data Monitoring



PRODUCTS RANGE

MOBILE PHONE AND SATELLITE MONITORING

Latest generation of Locators, Passive Interception and Strategic systems from our German and UK partners including:

- Portable and Backpack Locators for all mobile networks with external amplifier options
- Tactical and Strategic Satellite Monitoring Systems including BGAN, ISAT Phone, Thuraya, Iridium and VSAT

VIDEO SURVEILLANCE SOLUTION

We have partnered with Synology to provide clients with top quality video surveillance solutions in the market. Using Synology products, we can provide customized surveillance network to suit your specific needs without compromising on security Synology offers:

- Storage Area Networks
- Network Attached Storage
- Network Video Recorders
- Visual Stations
- Routers etc.

COVERT SPY GADGETS

Range of Covert Spy gadget from the leading spy gadget company Lawmate®. Each device is field proven and equipped with outstanding optics and audio recording. Available in a variety of form factors

- Spy Glasses
- Coffee Cups
- Covert AC Adapters form factor for continuous operation
- Keyfobs and remote controls

PORTFOLIO

TECHNICAL SURVEILLANCE COUNTER MEASURE (TSCM)

TekWorx brings an entire portfolio of TSCM devices designed to detect and locate eavesdropping electronics, mobile phones and SIM cards or any other devices utilizing semiconductor technology. These devices are following:

NON-LINEAR JUNCTION DETECTORS

- Detection of Eavesdropping devices, Mobiles, Covert Transmitters, Explosive Devices, IED/Mines
- Different sizes and power versions



DATA LEAKAGE CHANNEL DETECTION

- RF Detectors
- Hidden Camera/Optical Detectors
- Multifunctional Detection Device

COUNTER ESPIONAGE

- Acoustic /Vibro-acoustic Jammer
- Faraday Bags
- RF Jammers in different sizes
- IMSI & WiFi Catcher Detection



COUNTER-TERRORISM

- Explosive vapor detector
- Quick Deployable microwave detector

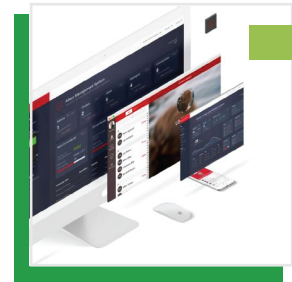
PORTFOLIO

CYBERSECURITY

To provide the integrity of valuable information, some crucial precautions should be taken, including security management practice, operations security, computer security, network security, and personal security.

SOLUTIONS

We are offering solutions like secure messaging and collaboration tools, we not only ensure the security of your information but provide new ways of interacting and information sharing in secure environments.



PRODUCTS RANGE

LAYER-2 AND LAYER-3 ENCRYPTION

We are offering state of the art universal encryptors up to 100 Gbps from our partner CyTrust. Using the Centurion line of Securosys Encryptors, you can easily and cost-effectively secure broadband multisite communications

SECURE MESSAGING AND COLLABORATION SOLUTION

We are working in collaboration with CyTrust AG to deliver Secure Mobile Communication and collaboration for governments and businesses who value security, ease of use and instant communication. CyTrust offers its customers a cross-platform application suite that links mobile devices and desktop computers within a closed and trusted community of users through the CyTrust secure communication layer.

FORTINET

The Fortinet Security Fabric platform offers efficient integration and automation across an organization's security infrastructure, bringing unparalleled protection and visibility to every network segment, device, and appliance, whether virtual, in the cloud, or on-premises.

CYBERSECURITY SERVICES

TekWorx offers cybersecurity services to Government and Enterprise customers to stress test their IT infrastructure. Our team of penetration testers have Industry Leading certifications and experience ranging from local to international markets covering various markets. We provide vulnerability assessment and penetration testing services to ensure that your network or application does not contain any security gaps for hackers to capitalize on.

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REMOTE MONITORING AND INDUSTRIAL AUTOMATION

IIoT refers to the use of IoT services in any industrial process. IIoT will enable you to improve your resource management and decrease wastage to ensure that you are saving costs without compromising on quality.

SOLUTIONS

The IIoT system can be fully integrated into your existing IT platforms or, if you choose, you can use the cloud services provided by Datalog.

Common IIoT applications fall under one of the following 5 segments and we have all of them well covered through our solution

- Machine Health Monitoring
- Power Monitoring
- Environmental Monitoring
- Process Monitoring
- Quality Control



Customized solutions are offered in partnership with Datalog, which is an industrial automation company based in Karachi. The IIoT system can be fully integrated into existing IT platforms or, it is also possible to use the cloud services provided by Datalog. All the data is available on a unified dashboard which will display all critical information relevant to your system.

SMART POWER SYSTEMS

Range of our power offerings including Li-Ion AC/DC Generators, Range of power generators, which can be tailored and integrated with remote monitoring solutions.

LI-ION PORTABLE GENERATOR

Features include

- Compact 3KW Power Source
- AC and DC models
- Zero noise, zero emissions
- Long runtime (36 hrs for an Aircon with a two battery spec model)
- Based on Li-Ion battery source for long life



PORTFOLIO

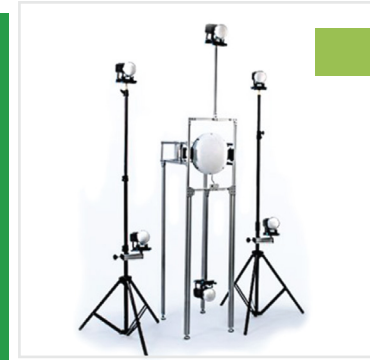
PHYSICAL SECURITY AND ACCESS CONTROL SYSTEM

Effective physical security of an asset is achieved by multi-layering the different measures. TekWorx offers a multi-faceted product portfolio from covert scanners to IP camera network equipped with facial recognition

PRODUCTS RANGE

TERASENSE COVERT SCANNER

In partnership with one of leading THz system manufacturers, Terasense, we offer body scanning for special requirements. The system can be mounted inside a proper enclosure, enabling the operator to stealth-screen people without their knowledge. This can ensure effective detection of various person-borne threats with no disturbance to individuals.



FACIAL RECOGNITION SYSTEMS FOR PREMISES

Offered solution features include

- Real time facial recognition
- Recognize all faces in cameras with multiple attribute detection i.e. ages, genders, eyeglasses, masks etc
- Supports up to 240 targets per second
- Customized solutions including Premises wide surveillance and Portable Systems

PARTNERS





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