TECTIGON

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About Us

Tectigon, a tech company based in Prishtina, Kosovo, is distinguished by its core values of creativity, transparency, and adaptability. Our dedicated professionals specialize in IT Development, Marketing, Software Development, Mobile Development, AI & ML, and more. Our team of dedicated professionals is committed to delivering innovative solutions that drive growth and success for our clients.

Creativity fuels our approach, inspiring us to think innovatively and develop standout solutions in a competitive digital landscape. Transparency is central to our client relationships, ensuring open communication, trust, and collaboration throughout. We believe in the power of adaptability, continuously evolving to meet the dynamic demands of technology and business environments.

With a focus on innovation and customer-centric solutions, Tectigon is committed to helping businesses thrive in today's digital era. Our holistic intelligence approach, extending beyond biometrics, offers integrated and advanced solutions for identity management needs. We aim to be your trusted partner in achieving success and growth through technology.

At Tectigon, we understand that the digital landscape is constantly evolving, presenting new challenges and opportunities for businesses. That's why we are committed to staying at the forefront of technology trends and industry best practices. Our team is constantly learning and adapting, ensuring that we can provide our clients with the most innovative and effective solutions. We believe that by embracing change and leveraging the latest technologies such as AI and machine learning, we can help businesses not only survive but thrive in today's competitive market. Our goal is to be more than just a service provider; we aim to be a strategic partner that empowers businesses to achieve their goals and unlock their full potential.

TECTIGON WITH NUMBERS

10+ Years of Successful Work Experience

9 Patents and Trademarks

50+ EU Goods Certificate (Made in Türkiye)

65+ Expert Employees

50+ Countries Active Sales Operation

20+ Ongoing R&D Projects

3M+ USD Spending on R&D

50+% Shared Registered in *BIST (Since 2019)

Our Certificates

ISO

ICAO • OACI • ИКАО

国际民航组织 • ايكاو

CE

TÜRKMALI

NIST
National Institute of
Standards and Technology
U.S. Department of Commerce

TSE

Tectigon's experience

With over ten years of industry experience, Tectigon boasts a highly skilled team comprising Ph.D. candidates, IT engineers with a decade of proven expertise, Senior Programmers, Senior Graphic Designers, Senior UI/UX Designers, finance specialists, Senior Project Managers, software architects, computer network engineers, and cybersecurity experts. Throughout our journey, we have successfully delivered and completed 750 projects, ranging from straightforward software solutions to highly complex systems. In addition to these capabilities, Tectigon offers comprehensive outsourcing services to various companies, providing access to our seasoned professionals for their specialized needs. Furthermore, we excel in providing consultancy services through our dedicated team members, ensuring top-notch solutions and support for our clients.

IT Services

We offer a complete suite of IT services designed to fulfill your technology requirements. Our services include IT development, training, hardware support, configuration and management of IT infrastructure, as well as troubleshooting and technical support. We take a comprehensive approach to ensure smooth operations of your systems. Our team is committed to delivering high-quality solutions that streamline your IT environment, improve operational efficiency, and enable your organization to excel in today's digital landscape. Whether you need help with development, training, infrastructure management, or resolving technical issues, our expertise and dedication guarantee a dependable and efficient partnership for your IT needs.

Development

Tectigon offers advanced development services designed to propel your business into the digital forefront. Our expertise covers Predictive SaaS (Software as a Service), Web Development, App Development, and Software Development focusing on integration and maintenance. Whether you need predictive analytics through our SaaS solutions, a robust online presence with tailored web development, compelling mobile applications, or streamlined operations with custom software, Tectigon is your reliable partner. We blend innovation, creativity, and technical proficiency to deliver solutions that surpass expectations, keeping your business ahead in today's competitive arena. Trust us for unparalleled development capabilities that drive exceptional success for your business.

Intelligent Software Automation

Tectigon specializes in Intelligent Software Automation, a revolutionary approach tailored to address vital business requirements. Our process begins by pinpointing gaps within your existing workflows, utilizing cutting-edge automation methods to optimize every facet of your operations. Our expertise extends to automating diverse business processes, facilitating the reduction of operational barriers and enhancing overall efficiency. Furthermore, our solutions ensure adherence to regulatory standards, effectively managing risks and building trust among stakeholders. Prioritizing customer experience, we craft automation strategies that not only enhance productivity but also deliver outstanding service, resulting in heightened satisfaction and loyalty. Opt for Tectigon for intelligent automation solutions that foster growth, cut costs, and propel your business toward unparalleled success.

Business Intelligence

Tectigon specializes in Business Intelligence services, offering a comprehensive range of solutions to unleash the potential of your data. Our expertise covers Data Mining for extracting insights from large datasets and Data Visualization for presenting information clearly. We excel in Statistical Analysis to derive actionable conclusions and Descriptive Analytics for deeper trend understanding. Additionally, we provide Performance Metrics and Benchmarking tools to measure progress and drive improvement. Choose Tectigon for Business Intelligence solutions that empower your organization with actionable insights and a competitive advantage in today's fast-paced business environment.

Design & PR

Tectigon offers comprehensive Design & PR solutions, tailored to elevate your brand presence and digital strategy. Our services encompass strategic Branding initiatives to establish a strong identity and resonate with your target audience. We specialize in SEO (Search Engine Optimization) strategies to boost online visibility and drive organic traffic to your platforms. Our PR Strategy expertise ensures that your brand's message is effectively communicated and positively received by stakeholders. With a focus on Web Design, we create visually appealing and user-friendly websites that engage visitors and enhance conversion rates. Moreover, our UI/UX (User Interface/User Experience) design expertise ensures seamless and intuitive interactions for your digital products. Partner with Tectigon for Design & PR solutions that amplify your brand, enhance online visibility, and drive meaningful engagement with your audience.

Information & IT Security

Tectigon specializes in Information & IT Security solutions, focusing on fortifying your digital assets and safeguarding critical infrastructure. We prioritize enhancing Security Expertise to proactively address emerging threats and protect your essential IT systems. Our services ensure Business Continuity by implementing robust measures to minimize downtime during disruptions. We also work on reducing risks and vulnerabilities, enabling smooth and secure operations for your business. Furthermore, we excel in improving Compliance and Data Privacy, ensuring alignment with regulatory standards and protecting sensitive information. Choose Tectigon for comprehensive Information & IT Security solutions that instill confidence and support your organization's success in a secure digital landscape.

What does our collaboration with Papilon offer?

Tectigon is dedicated to offering advanced IT services tailored to the evolving needs of businesses and organizations worldwide. We specialize in developing innovative software and implementing intelligent automation using the latest technologies.Our collaboration with Papillon is focused on business intelligence, empowering companies to extract valuable insights and make data-driven decisions.Tectigon is a partner of all Papilon products, offering in collaboration with them the mentioned top services.

Our commitment extends to empowering governments and companies with sophisticated solutions that drive efficiency and effectiveness in their operations. Through our advanced technologies, we support law enforcement agencies in optimizing their workforce operations, ensuring enhanced security and streamlined processes.

Central to our offerings is the HOLISTIKA Application software, a robust platform that integrates seamlessly with our HOLISTIKA LS Scanner and Forensika software. These solutions are designed to revolutionize data collection, analysis, and management, providing actionable intelligence for informed decision-making.

Furthermore, our Biometric Entry-Exit Gate System (BEOGS) demonstrates our commitment to innovative technology solutions. BEOGS offers secure access control and streamlined monitoring capabilities, making it an essential tool for enhancing security measures.

At Tectigon, we are committed to driving innovation, efficiency, and security through our comprehensive suite of IT solutions, ensuring our clients stay ahead in today's dynamic and competitive landscape.

Empowering Governments with Innovative Solutions

Tectigon&Papilon specializes in providing comprehensive solutions for government sectors, with a focus on National Identity management, Citizen Registration, Immigration Management, Trusted Voter Registration, and Election System enhancement. Our integrated approach combines cutting-edge technology and expert strategies to ensure efficient and secure processes across these critical areas. We offer state-of-the-art solutions that empower governments to manage national identities effectively, streamline citizen registration processes, enhance immigration management systems, ensure trusted voter registration, and improve overall election systems' integrity and transparency. Partner with Tectigon&Papilon for innovative government solutions that prioritize security, accuracy, and public trust, enabling governments to serve their citizens better and uphold democratic values.

Law Enforcement

Tectigon&Papilon specializes in providing innovative solutions for Law Enforcement agencies, with a focus on Criminal Investigation, 3D Figure Modeling, Facial Identification, Biometric Jail Management, and Border Security.Our advanced technologies and strategic expertise empower law enforcement professionals to bolster investigative capabilities, create precise 3D crime scene models, identify individuals accurately through facial recognition, manage biometric data effectively within correctional facilities, and fortify border security measures. By leveraging our comprehensive solutions, law enforcement agencies can enhance operational efficiency, improve public safety, and respond swiftly and effectively to security challenges. Collaborate with Tectigon&Papilon for innovative law enforcement solutions that prioritize precision, dependability, and security, enabling agencies to uphold community safety and enforce the rule of law.

Optimizing Workforce Operations

Tectigon&Papilon specializes in advanced Workforce Management solutions, focused on optimizing operations and bolstering security measures. Our offerings encompass Seamless Access Control, employing state-of-the-art technologies for efficient and secure access management. We also provide Biometric Workforce solutions to ensure accurate identification and authentication of personnel. Our Visitor Management system facilitates streamlined and secure visitor registration and monitoring processes. Leveraging Video Analytics, we deliver intelligent insights for enhanced surveillance and security monitoring. Additionally, our Personnel Activity Reporting System (PARS) enables comprehensive tracking and reporting of workforce activities. Collaborate with Tectigon&Papilon for innovative Workforce Management solutions that prioritize efficiency, security, and productivity.

Retail and Electronic Services

Tectigon&Papilon leads the way in Retail & E-Services with a range of innovative solutions. Our Verified Digital Systems ensure secure and reliable digital transactions, building trust with customers. E-Learning platforms offer engaging and effective learning experiences for businesses and individuals alike. Biometric Verification solutions provide robust identity authentication, enhancing security measures. PYUZ SnapFace revolutionizes customer experiences with seamless and secure authentication through facial recognition technology. Our Data-Driven Insight Platform leverages advanced analytics to provide actionable insights, empowering businesses to make informed decisions and drive growth. Partner with Tectigon&Papilon for transformative solutions that elevate your retail and e-service capabilities, ensuring security, efficiency, and customer satisfaction.

Transformative Healthcare Solutions

Tectigon&Papilon offers comprehensive solutions for the Health sector, emphasizing holistic approaches and cutting-edge technologies. Our Baby Footprints solution ensures secure and accurate record-keeping of newborns' identities. With Holistic Identity management, we provide a complete view of patient data for improved care coordination. Our Healing Practices platform integrates traditional and modern treatments for comprehensive healthcare solutions. Nutritional Wisdom leverages data analytics to offer personalized dietary recommendations, promoting overall wellness. We prioritize Mental Wellbeing with tools and resources for mental health support and wellness programs. Partner with Tectigon&Papilon for transformative Health solutions that prioritize holistic care, patient outcomes, and well-being.

HOLISTIKA Application SWs

HOLISTIKA LS App serves as the overarching software framework powering Tectigon&Papilon's top-tier scanners, versatile biometric workstations, and portable registration and identification units. One notable component within this ecosystem is HOLISTIKA Express ID, a system engineered for swift field authentication.

HOLISTIKA Express ID is designed with a focus on practicality and secure outcomes, leveraging the advanced capabilities of HOLISTIKA software. It proves invaluable in addressing security challenges across various domains such as field operations, customs and border management, routine checks, and the identification of individuals on watchlists.

Additionally, HOLISTIKA encompasses specialized stations tailored to specific operational needs. HOLISTIKA Station 1101 caters to law enforcement and institutions engaged in regular biometric registration and verification processes for detainees, suspects, and other categories of individuals, emphasizing durability and high-frequency usage.

On the other hand, HOLISTIKA Station F stands out as a multifunctional biometric photography station, featuring optimal lighting conditions, adjustable height measurement capabilities, and a unique capability to merge fingerprints and photos into a single enrollment record, meeting customer demands with a custom-built design.

HOLISTIKA

Tectigon&Papilon introduces an innovative Automated Multi-Biometric Identification System known as HOLISTIKA. This system is designed to seamlessly support large-scale projects with customizable solutions from a holistic perspective. Tailored for law enforcement and civil communities of all sizes, HOLISTIKA offers a range of ABIS products, from small-scale implementations to national enterprise solutions.

As pioneers in the field, Tectigon&Papilon proudly presents HOLISTIKA as the world's first AI-based ABIS technology available in both on-premise and cloud-based versions, providing flexibility and scalability. Our core technology is fine-tuned using real-life datasets, ensuring exceptional performance across fingerprint, palmprint, face, iris, and footprint identification. These algorithms have earned global recognition through independent NIST benchmarks and FBI certification, validating their accuracy and reliability.

One of HOLISTIKA's standout features is the Neuro module, powered by artificial intelligence and machine learning. This module excels in identifying candidates, even with challenging and low-quality fingerprints and palmprints, delivering enhanced accuracy and expanding the scope of identification possibilities.

At Tectigon&Papilon, we are committed to pushing the boundaries of biometric technology, delivering cutting-edge solutions that empower organizations worldwide.

LS Scanner

Tectigon&Papilon's Live Scanners represent cutting-edge technology in fingerprint and palmprint scanning. These devices are designed to efficiently capture and store fingerprints for future use, tailored to suit the diverse security needs of organizations. With a focus on durability, these scanners are portable and can withstand extreme environmental conditions, including moisture.

Our LS-01 scanner is the most compact in the lineup, ideal for identity verification in mobile terminals. The LS-11 model offers dual fingerprint scanning capabilities, capturing rolled and flat prints for accurate identification and verification processes. For comprehensive palmprint scanning, the LS-1101 is the go-to choice, capable of capturing rolled and flat prints along with palm-side prints, making it highly suitable for use in criminal procedures.

At Tectigon&Papilon, our Live Scanners are designed to provide reliable and efficient fingerprint and palmprint capture, ensuring robust security measures for organizations across various industries.

MT Series

Tectigon&Papilon's Mobile Biometric Terminals offer efficient and flexible solutions for critical registration and verification processes in dynamic environments like borders and crime scenes. These terminals, such as MT-06, MT-07, MT-07 Light, and MT-08, are designed to handle various tasks from fingerprint scanning to document verification, ensuring seamless integration with central systems like HOLISTIKA. Additionally, the MT Suitcase provides a comprehensive biometric workstation meeting military standards. Overall, Tectigon&Papilon's solutions ensure reliable data registration and management in challenging conditions.

PYUZ

PYUZ, developed by Tectigon&Papilon, is an advanced face recognition software designed to analyze photographs and videos with precision. One of its standout features is its ability to recognize faces in motion, such as those captured in videos or CCTV footage. This capability makes PYUZ invaluable for processing visual evidence from crime scenes, facilitating the identification of suspects and criminals from security footage.

At the heart of PYUZ's capabilities is PYUZ Central, a powerful workstation powered by Tectigon&Papilon face recognition software. It integrates cutting-edge features like gesture and emotion recognition, real-time face recognition, and skeleton analysis, allowing for comprehensive identification and identity verification tasks.

PYUZ Snapface focuses specifically on real-time face recognition, swiftly comparing faces against a dataset for immediate identification purposes. Additionally, PYUZ SDK offers a robust software development kit with an advanced algorithm, ensuring seamless integration with various systems and meeting the stringent security needs of both public and private sectors.

BEOGS

Tectigon&Papilon introduces BEOGS, an advanced e-gate system designed to elevate security standards while safeguarding the rights of individuals. This innovative system revolutionizes security checks at airports, seaports, railroads, and other checkpoints, offering unparalleled security measures with minimal disruptions to the public.

BEOGS is a versatile e-gate solution that can be seamlessly integrated with various access control units, including card readers and biometric scanners. This multifaceted system ensures thorough identity verification, enhancing security by implementing dual-checking protocols.

Furthermore, BEOGS provides both local and central inquiry options through the HOLISTIKA platform. Local inquiries are particularly effective for tracking individuals on global watch lists across borders, while central inquiries support citizen verification and large-scale security operations during critical periods, such as mass migrations.

PARS

Tectigon&Papilon presents PARS, an advanced measurement and access control system offering versatile modules tailored to users' specific needs. This system integrates various biometric units such as fingerprint and palm print scanners, iris scanners, and face recognition technologies, along with AI-based tools like license plate recognition systems and automatic gates and turnstiles.

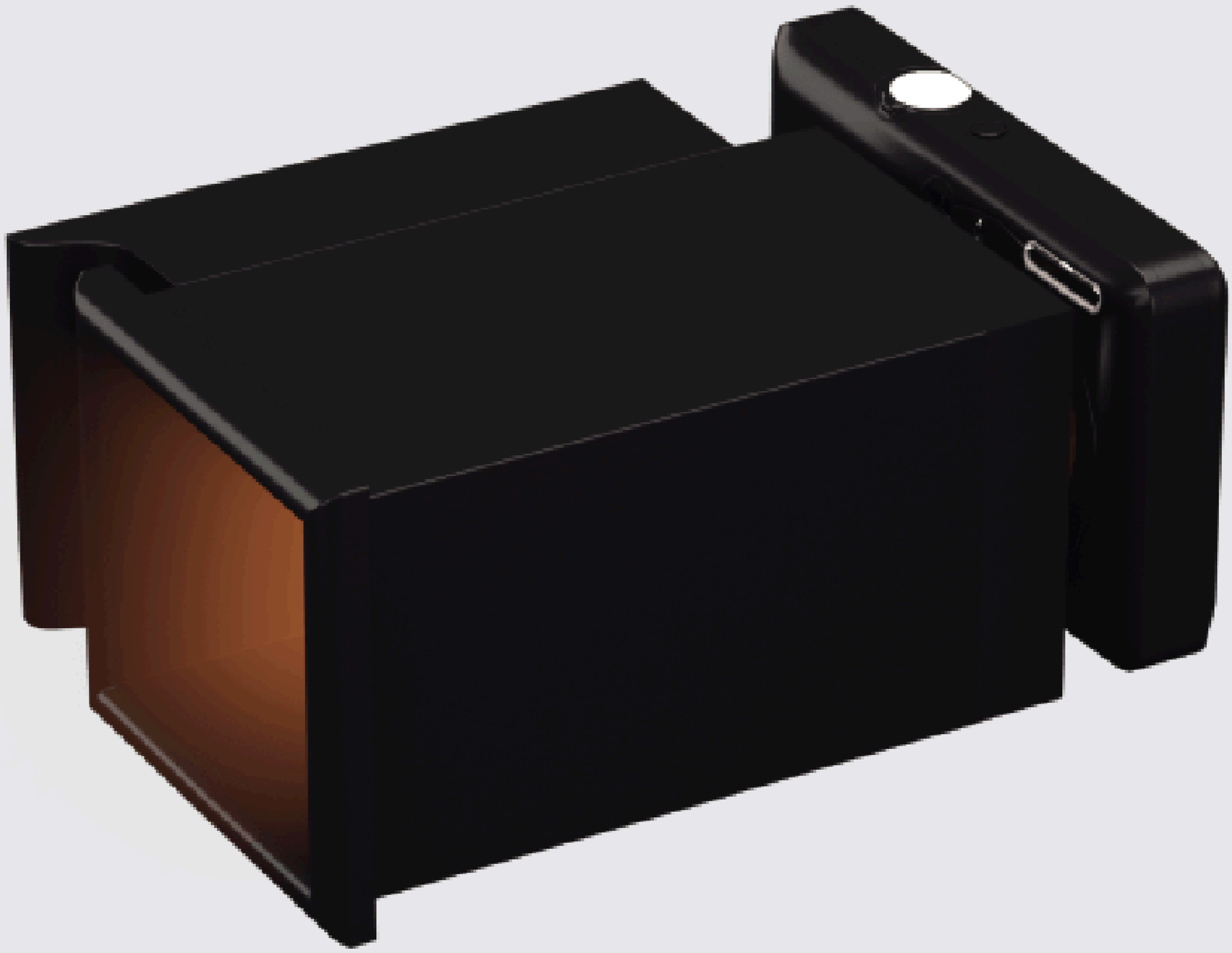
PARS provides extensive options for use, including compatibility with smart personnel cards and license plate recognition software alongside biometric modules. It ensures multi-step security, making it suitable for high-security environments like nuclear plants, intelligence agencies, and government buildings, minimizing False Rejection Rate (FRR) and False Acceptance Rate (FAR) for enhanced security measures.The system's operational integrity is regularly and automatically checked, with automatic self-repair capabilities in case of errors or malfunctions. It offers protection against unauthorized access, limiting usage to approved IP addresses and allowing authorized users to access the system with unique passwords for data safety.

Tectigon&Papilon has integrated Verifiable Digital Identity technology with NFC (Near Field Communication) for streamlined access control. This advancement allows staff and visitors to verify their identity using their mobile phones, simply by tapping NFC cards provided by the institution at access points. This eliminates the need for traditional terminals, reduces card printing costs, and enables instant creation of digital identities. Additionally, biometric systems can be easily deployed without concerns about terminal size and environmental compatibility.

Regarding PARS functionality, the system operates by comparing data from biometric units like fingerprint and iris scanners with stored datasets. Upon a match, PARS activates doors and turnstiles, granting access seamlessly.

PARS

PARS, with its versatile functionality, serves a multitude of purposes across various sectors. It plays a crucial role in ensuring stringent access control measures in highly secure locations such as nuclear plants and critical areas, where the protection of sensitive information and resources is paramount. Moreover, PARS extends its capabilities to the preservation of cultural heritage by preventing the smuggling of historical artifacts and artworks in museums. In government settings, particularly in buildings and archives housing sealed documents, PARS contributes significantly to maintaining strict access protocols and safeguarding classified information. Beyond security applications, PARS proves invaluable in corporate environments, where it aids in measuring personnel continuity, efficiency, and overall workforce productivity. Private enterprises also benefit from PARS by utilizing its features for access control management and personnel performance evaluations, ultimately enhancing operational efficiency and security across different industries.



EVIDENT

EVIDENT, designed by Tectigon&Papilon, is a specialized evidence photographing kit tailored for crime scene investigations. It streamlines the documentation of collected evidence on the spot, eliminating the time-consuming and potentially damaging processes of using tapes and fingerprint dust. EVIDENT's advanced lighting equipment highlights intricate details that are often challenging to discern, providing investigators with a comprehensive understanding of each piece of evidence. This comprehensive insight empowers investigators to efficiently and accurately solve cases, enhancing the overall effectiveness of investigative processes.

FORENSIKA

FORENSIKA, a software developed by Tectigon&Papilon, digitizes scans of bullets and cartridge cases obtained from FORENSIKA BS, Papilon's ballistic scanner. This software streamlines the analysis process for criminal experts, offering high accuracy rates and a smart candidate list that prioritizes potential suspects based on similarity.

One of the key advantages of FORENSIKA is its ability to display scans in both 2D and 3D, enabling comprehensive analysis. It also supports multitasking by allowing multiple analyses and inquiries with a single click, enhancing efficiency in investigations.

FORENSIKA simplifies the work for experts by automatically color-coding unique marks on bullets and cases, categorizing them for easier identification. The software magnifies details, aiding experts in making precise comparisons with dependable images.

Law enforcement officials primarily use FORENSIKA in analyzing bullets and cartridge cases from crime scenes involving firearms. It is invaluable for registering marks on test-fired bullets during gun license issuance, identifying perpetrators based on evidence, and solving criminal cases promptly while evidence is fresh.

While FORENSIKA is designed for ballistic experts, its user-friendly interface allows personnel to operate scan digitization with minimal training. Overall, FORENSIKA and FORENSIKA BS play crucial roles in helping law enforcement track firearms, leading to successful criminal investigations.

Thank You!

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