

INNOVATIVE SECURITY SOLUTIONS FOR GOVERNMENT AND ENTERPRISE

Biometric Security | Criminal Forensics | Security Documents | IT Intrusion Prevention | Business Continuity

SOLUTION OVERVIEW

Karsof Systems provides end-to-end IT-based security solutions that help organizations, both public and private, manage security and reduce risks. We are leading the way with our unique, leading-edge security technologies and currently hold 9 global patents, with 28 patents pending. Our solutions leverage the Karsof Systems network which uses the very latest in secure technologies, including 4096-bit dynamic, multi-layered encryption – the highest available today.

BIOMETRIC SECURITY

Securing critical assets can be difficult no matter what business you're in—public or private. Whether it's law enforcement, border control, financial services, healthcare, or pharmaceuticals, you have a duty to protect your domain. The Karsof biometric technology is an optimal solution for securing sensitive areas. Its ability to integrate with various communication and identification standards makes installation quick and easy. And, with its fast-paced registration process and ready acceptance of biometrics raw data from various sources, Karsof biometric technology meets customer demands for high security while retaining flexibility. Uses range from building access and laptop security to identity cards and passports.



CONTACT US TODAY FOR A FREE CUSTOMIZED
SECURITY SOLUTION DESIGN THAT ADDRESSES
YOUR SPECIFIC NEEDS.

CRIMINAL FORENSICS

Identifying criminal records from fingerprints can take anywhere from a few days to a few months. Those first few days can make the difference when solving a crime. And, if the fingerprints are not identified, the criminal may never be caught. The Karsof Mobile Enforcement Identification Unit can be used on crime scenes, in police cars, and at checkpoints and roadblocks. Fingerprints can be taken and cross referenced to the Karsof Central Database at the Police Department or other relevant agencies. If necessary, the search can be extended to the Interpol database.

In addition, the Karsof Fingerprint Scanner can be used at police stations so that every person admitted can be scanned. If there is a positive match, a facial image and additional information will be displayed. The scanner can also be used at railway stations, government offices, hotels, and other places that require closer monitoring.

SECURITY DOCUMENTS

As more and more people travel the globe, validating identity quickly and accurately is key. Manual and visual checks are fraught with potential errors and fraud, allowing criminals and illegal immigrants, even terrorists, to cross borders. Smart cards with identity microchips reduce identity fraud, while making border crossing safe and quick. Karsof's Security Document solution consists of both the Karsof Smart Chip Card and the Karsof Card Reader. Information is validated by a "hand shake" between the card and the reader. The reader authenticates the unique data from the chip and unique code from the card. The data passed between the card and the reader is encrypted for extra security.

OUR BIOMETRIC TECHNOLOGY

Karsof biometric technology uses computerized methods to identify a person by their unique physical or behavioral characteristics.

READABLE BIO-FEATURES INCREASES SECURITY

- facial image
- fingerprints
- hand geometry
- iris
- retina
- vein
- voice

Strong access security, like ours, takes a layered approach using something you:

1. **know**, such as your password or answers to challenge questions
2. **have**, such as keycards, badges, or smartcards
3. **are**, such as facial recognition, fingerprint, iris, or retina

While the first two work for many business uses, they do not offer the level of protection that can be achieved with biometric data and technology.

TECHNICAL FEATURES

- Lowest fingerprint data storage of 16 bytes. Fingerprints stored in WSQ (Wavelet Scalar Quantization) format with compression.
- Results returned in .5 seconds regardless of database size (tested on 2.4B records)
- Supports image resolution up to 2000 ppi (pixels per inch). Devices vary from 300 ppi to 2000 ppi.
- All biometric features integrated into one database and only one search required.
- Compliant with data interchange standards such as IAFIS (Integrated Automated Fingerprint Identification System), EFIPS (Electronic Fingerprint Image Print Server), and EFPS

CALL TODAY 877-9KARSOFF OR 877-952-7763

KARSOFF SYSTEMS LLC



www.karsofsystems.com

KARSOF SYSTEMS YES... WE... CAN...

SOLUTION OVERVIEW

IT INTRUSION PREVENTION

In today's threat environment, traditional approaches to securing networks are necessary but not enough. Every network device, whether internal or external, now represents a potential point of entry. As a result, the best place to apply security policies and control these points is the network itself. By incorporating the Karsof Integrated Network Security System's intelligent filtering into the infrastructure, the network is able to react to known attacks and adapt to new ones.

Enhance network security with the Karsof Protection Shield. By detecting all forms of worms and viruses, even those without an identifiable pattern, these threats are prevented from infecting the computing system. Protection is carried out without any pattern databases, enabling it to work against both known and unknown content. This fail-proof, unique system requires only a one-time investment and is fully compatible with most platforms.

BUSINESS CONTINUITY

Any disaster, whether man-made or natural, can stop a business in its tracks. Having a plan for business continuity is critical to reduce the risk of downtime or lost business. Karsof Business Continuity System is a technology that provides a total business continuity solution for your ICT infrastructure, enabling complete redundancy. With efficient, automatic fail-over capability from the primary server to the backup server, the intelligent restoration service is carried out without human intervention in the event of a failure. Karsof Business Continuity System ensures that your disaster server is updated with near real-time data, which is especially beneficial for global operations with multiple locations.

SUCCESS GUARANTEED WITH OUR END-TO-END APPROACH

With all of our solution implementations, we employ an "end-to-end" delivery approach. This means we will work with you from the very start, all the way through to project delivery and knowledge transfer. You can rest assured you have access to the expertise you need to be fully successful with your security solution.

- Requirements
- Definition
- Operation
- Security Review
- Integration
- Deployment
- Post Deployment

ABOUT KARSOF SYSTEMS

Karsof Systems is a US-based Information and Communication Technology (ICT) security solutions provider. Since 1999, we have delivered ground-breaking ICT security solutions to companies and government agencies all around the globe.

- PIONEERS IN THE SECURITY INDUSTRY
- AWARD-WINNING SOLUTIONS
- 9 PATENTS, 28 PATENTS PENDING
- OVER 125 QUALIFIED IT SPECIALISTS
- OUR OWN MFR FACILITY IN POMONA, CA

AWARD-WINNING LEADERSHIP

Karsof Systems was started by three scientists with a passion for innovative technology solutions. Since their start in 1999, they have been winning multiple awards annually for their leadership and security solutions.



KARSOF SYSTEMS IS PROUD TO BE PARTNERS WITH GOVERNMENT TECHNOLOGY RESEARCH ALLIANCE AND GOVERNMENT SECURITY NEWS.

LEADING-EDGE SOLUTIONS

Karsof Systems has a full line of security solutions to meet your specific needs. Many of these solutions leverage our primary solution technology.

- Karsof™ Secure Document Tracking (KSDT)
- Karsof™ Order Processing System
- Karsof™ Asset Management System
- Karsof™ Co-operative Management System
- Karsof™ Laboratory Information & Management System (DATATRACS)
- Karsof™ Media Piracy System – Patent pending
- Karsof™ Fast Track Kiosk – Patent pending
- Karsof™ Enterprise Portal
- Karsof™ Ignition System
- Karsof™ Document Reader – Patent pending
- Karsof™ Auto Stamping – Patent pending

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