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>the_kernel
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Our goal as a cyber
security solutions provider
is a safer digital world

Constant evolution with emerging technologies.





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Cyber security experts. Distribution specialists. The Kernel is both. We focus on establishing trust; with our clients and our partners. We build trust with our clients by providing security solutions in authentication, authorization, identity management, PKI, and cryptography.

We build trust with our partners by adopting emerging technologies, growing key markets, and committing to long-term support and collaboration. A protected society, a thriving community. That's what The Kernel is about.

30+

Years of
experience

15+

Products

3

Offices around
the world

78+

PARTNERS
ACROSS MENA
& Africa





Services

Every organization's security challenges are unique. We know where to start, and we know how to adapt our range of cybersecurity services and solutions. It's expertise in cyber security Dubai you can rely on to ensure your organization is secure.

Strong Authentication

Verify the identity of a user or device that is intrinsically stringent enough to ensure the security of the system it protects by withstanding any attacks it is likely to encounter.

Public Key Infrastructure

A system and infrastructure to secure data, user and device identities and ensure the integrity of the data has remained intact and is authentic.

Identity Management

Full authorization control.

Cloud Security

Framework of solutions to safeguard cloud-based data and infrastructure.



Strong Authentication

Impenetrable gatekeeping

Verify the identity of a user or device that is intrinsically stringent enough to ensure the security of the system it protects by withstanding any attacks it is likely to encounter.

What is Strong Authentication

Strong Authentication combines 2 or more methods of authenticating your identity.

Something You Know (knowledge factor)

Personal information that only the user knows such as passwords, PINs, security questions, etc.

Something You Have (Possession Factor)

Robust automatic data encryption both in transit and at rest.

Something You Are (Inherence Factor)

Monitoring of security infrastructure such as user activity to assess security status.

Why you need Strong Authentication?

At its core, IAM helps your organization ensure:



01.

Increased security for identity and access



02.

Reliable, high-success solution



03.

Regulatory compliance



Public Key Infrastructure

One message. Two keys.
Infinite trust.

A system and infrastructure to secure data, user and device identities and ensure the integrity of the data has remained intact and is authentic.

What is Public Key Infrastructure ?

Strong Authentication combines 2 or more methods of authenticating your identity.

Certificate Authority (CA)

This component acts as the issuer and signee of the digital certificates, and is trusted by all other entities.

Registration Authority (RA)

This is where the identity of the owners' digital certificates are registered and cross-checked before it is issued by the CA.

Validation Authority (VA)

This component confirms that a certificate is still valid and has not been revoked.

Why you need PKI?

At its core, PKI helps your organization ensure:



01.

The establishment of trust, internally and externally



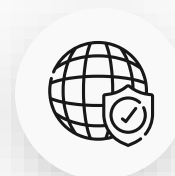
02.

Smooth transfer of data



03.

Correct authorization of individuals



04.

Increased data and identity security at a large scale, with potential to be further scaled up



Identity Management

Digital Identity and Access Management Solutions

Full authorization control is guaranteed with our digital identity and access management solutions. As a business, you can now easily manage employee roles and permissions to allow or deny access to corporate data and resources.

What is Digital Identity and Access Management

AM is a 2-part authentication solution. Identity management: confirms who you are, while access management: grants you the appropriate level of access.

<p>Single Sign-On One set of credentials for all access areas</p>	<p>Multi-Factor Authentication (MFA) Multi-layered process for increased filtration and security</p>	<p>User lifecycle management Identity and access management tools to quickly appropriate access to users based on job functions.</p>	<p>Reporting Easy generation of reports and logs to assess future risks as well as ensure compliance.</p>
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Why do you need IAM and identity and access management tools?

At its core, IAM helps your organization ensure:



01.

Only authorized individuals have access to authorized data



02.

A more vigorous defence against data breaches



03.

Better compliance with security standards and regulations



04.

Better productivity through automation



05.

An environment for information sharing and greater collaboration



Cloud Security

Higher protection & increased flexibility

Cloud security is a crucial framework that aims to protect sensitive data and infrastructure stored in the cloud. As businesses increasingly move their operations to the cloud, there is a greater need to secure cloud-based systems against cyber threats and attacks

What is Cloud Security?

An effective cloud security framework includes:

<p>Authentication controls Seek or prevent unauthorized access and automate privilege management.</p>	<p>Data encryption Robust automatic data encryption both in transit and at rest.</p>	<p>Centralized visibility Monitoring of security infrastructure such as user activity to assess security status.</p>
<p>Threat Management Allows for quick proactive risk mitigation or implement reactionary measures.</p>	<p>Seamless integration Integrate with existing security protocols to ensure a smooth operational process.</p>	

Why you need Cloud Security?



01.

Enterprise-level security via superior security infrastructure



02.

Better scalability and quicker deployment time



03.

Lower upfront costs



04.

Consistent updates and patches



05.

Efficient replication of data



06.

Ease of integration



Product Partners

Every organization's security challenges are unique. However, as experts in cyber security UAE, we know where to start and how to adapt.

It's expertise you can rely on to ensure your organization is secure.



Energy Logserver

An effective solution for collecting and analyzing logs regardless of the scale.



Fudo Security

Protect your network against privileged data breaches and misuse and prevent access abuse



Gluu

On-premise and cloud-based scalable digital identity platform.



Oxygen forensics

Advanced software to extract data from multiple sources



PointSharp

Certificate management and integrated MFA for desktop and mobile.



Elcomsoft

Award-winning password recovery products



Yubico

The perfect combination of hardware security, open standards, and software.



yubico

Plug & Play authentication and cyber security hardware

The only authentication technology that has been proven to stop account takeovers at scale. Loved by the world's largest brands and millions of users.



Yubico, a cyber security company founded in Sweden, pioneered the use of USB and NFC-based authentication keys. Manufactured in Sweden and USA, these keys are extremely portable; you simply insert and 'touch' the keys to verify your identity.

Their product range includes the YubiKey 5 Series, the Security Key Series and YubiHSM 2.

YubiEnterprise Subscription

Flexible licensing approach to obtain industry-leading and trusted YubiKey hardware authentication, providing great flexibility and complete peace of mind. The only authentication technology that has been proven to stop account takeovers at scale.

Your business and employees are constantly evolving, from new hires and employee turnover, to remote and hybrid work environments, and support for new infrastructure needs.

And with users working across desktop, mobile, shared workstations, and using the latest devices and modern authentication, you need maximum flexibility in choosing YubiKey form factors based on device type and user preferences.

Meet user preference

Select any YubiKey in a subscription tier and enable security on all the devices users love.

Lower cost to entry

Leading authentication for less than the price of a cup of coffee per month per user, and easily upgrade to the latest YubiKeys.

Predictable spend

Leverage OPEX vs. CAPEX to ensure security is covered as needs evolve.

Premium support

The warranty and technical support over the entire term duration delivers complete peace of mind.



Secure Your Infrastructure

Protect your network against privileged data breaches, intentional or unintentional misuse, and prevent access rights abuse.

Mitigate Risk & Enable Digital Transformation

Fudo Enterprise helps protect what's most important to you: your key data. With dangers and threats all around from stolen identities and passwords, the time of trust has passed. Fudo is able to secure and manage access in a comprehensive and holistic way.

With our array of products, you can rely on Fudo to manage, monitor, and secure access, no matter where. Fudo ensures your organization is protected so it can grow and thrive in the digital age

Privileged Session Monitoring

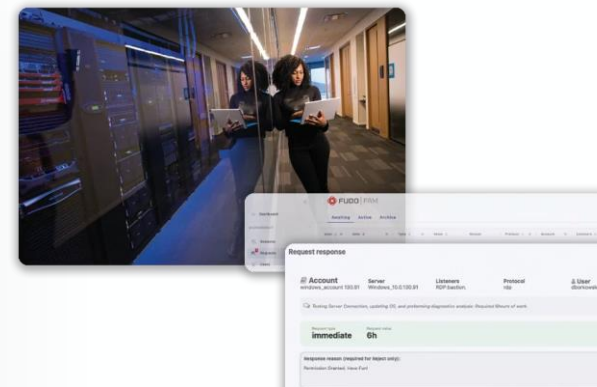
Enable user session monitoring and allow visibility within your workforce. Identify source incidents and increase your incident response!

Efficiency Analyzer

Manage and report users' actions with precise activity and ideal time information. With session analysis feedback, you can identify sessions, users, and third-party contractors' activity parameters!

Secret Manager

Automatically manage login credentials on your monitored servers while periodically changing passwords for your personalized time intervals!



Secure Remote Access

Facilitate secure remote access and establish a connection with the remote servers. Fudo provides a centralized management system to secure remote access connections for your employees, users, administrators, and 3rd party contractors.

Privileged Access Management

Fudo systems establish and greatly enforce privilege management policies. Fudo Implementations provides control of access to resources, implement password vaults, provide efficiency reports based on user analytics, and monitor and audit all activity with live threat assessment thanks to AI/Machine Learning algorithms scanning user actions in the background.



Gluu Identity and Access Management

Whether you need to connect legacy data sources, create particular audit logs, implement advanced authentication workflows, interact with end-users to get consent, add unique data into OAuth access tokens, or a myriad of other special requirements

Improve your security and empower your users

Building your identity service takes work. But with a Gluu support subscription, we can make sure your deployment and operations are successful.

Single Sign-On (SSO)

Turnkey and custom systems to implement an organization and platform-wide authentication protocol.

Strong Authentication

Turnkey and custom systems to implement an organization and platform-wide authentication protocol.

Access Management

Turnkey and custom systems to implement an organization and platform-wide authentication protocol.

Identity Management

Turnkey and custom systems to implement an organization and platform-wide authentication protocol.

Directory Integration

Turnkey and custom systems to implement an organization and platform-wide authentication protocol.

Fast Deployment

Turnkey and custom systems to implement an organization and platform-wide authentication protocol.

Scale

Very large deployments where control of scalability is critical. With Gluu's cloud-native distribution, you can scale out by adding more servers—automatically on the fly. No matter what your performance requirements are, the Gluu Server can handle it. Gluu is the only identity platform that can take advantage of Couchbase's next-generation persistence capabilities

Privacy

Multi-tenant cloud-hosted identity services mix your personal data in a shared database with lots of other customers. It also means that secrets, like user passwords and client credentials, are stored in the cloud. By self-hosting a Gluu Server, you know where your personal data resides. Also, use the UMA protocol to interact with end-users after authentication to gather consent before sharing PII with third parties. This can help your organization comply with GDPR.

Control

The Gluu Server is very flexible. You can add custom code to integrate backend systems at many points in the authentication and authorization workflow. We don't waste your time with a fancy workflow GUI. We define many interfaces, and let you write a little bit of Python or Java code to implement the exact logic you need to get the job done. Plus, Gluu is based on open-source code. You'll never again be stuck waiting for a vendor to ship some critical new feature.



3 world-class components

powerful feature at your command

Log management plan

An effective solution for collecting and analyzing logs regardless of the scale. Unlimited uses in any organization

SIEM plan

A modern approach to a SIEM class solution. No limitation of the analyzed data and full control over data security in the organization.

Network probe

High-performance probe for network traffic copy and netflow analysis. Precise information on the quality and security of the network while maintaining a simple configuration.

Log management

Centralize the collection of data based on elasticsearch.

Security analysis

See problems, not their consequences.

Network analysis

Understand flow of you network

Compliance

Be comply with requirements

Infrastructure

See the heart of your IT, feel it beating.

Cloud monitoring

Keep your cloud under control



Next-level Hyperautomation

Energy SOAR is advanced, business-driven solution, that allows the organizations to rapidly identify, investigate and automate as many business and IT processes as possible.

Its hyperautomation involves the orchestrated use of multiple technologies, tools or platform

Threat Analysis

Energy SOAR transforms the security operations with automated workflows for any security use case and orchestrate the incident response across all security areas.

Custom Integration

System offers dedicated integrations for dozens of existing IT solutions. Moreover, Energy SOAR is exceptionally flexible and can easily adopt to any of the technologies you are using.

Improved Efficiency

Boost your existing SIEM solution and enable your SOC team to realize greater efficiencies. By automating repetitive tasks lets analysts to Focus on the decision making part.

Decrease your time to response and remediation

Our Security Orchestration, Automation, and Response (SOAR) Platform provides a central location to integrate not only your security tools, but all of your security processes.



Get Forensic Access to Protected Data at a blazing speed

With cutting-edge hardware acceleration technologies, Elcomsoft's products are the fastest on the market when using consumer-grade gaming video cards for accelerating the recovery.

Get Forensic Access to Protected Data

ElcomSoft offers a comprehensive range of tools for unlocking access to many types of data, recovering passwords and decrypting encrypted files and volumes. The company's range of mobile forensic products enable forensically sound extraction of evidence from a wide range of smartphones and cloud services.

Get Forensic Access to Protected Data

Elcomsoft offers IT security and data extraction solutions to regain control over locked, encrypted or password-protected data, perform security audits, and extract information from mobile devices. Their products are affordable and use cutting-edge technology for high performance. They require no steep learning curve and are suitable for both continuous and one-off use.

Get Forensic Access to Protected Data

Elcomsoft provides desktop and mobile forensic tools to government, military, and law enforcement customers. Their tools are forensically sound, easy to use with no special training required, and produce evidence that is admissible in court. They also offer expert-level support and concise maintenance and update policies, making their products a solid investment.

Get Forensic Access to Protected Data

Elcomsoft offers password recovery tools for computers and mobile devices, enabling users to unlock valuable information that has been protected with lost or forgotten passwords. Their products can help recover passwords and regain access to locked-out accounts in popular operating systems, applications, and services. Elcomsoft's tools utilize cutting-edge hardware acceleration technologies, making them the fastest on the market when using consumer-grade gaming video cards for recovery.

Mobile Forensic Bundle

The complete mobile forensic kit in a single pack. Perform physical, logical and over-the-air acquisition of smartphones and tablets, break mobile backup passwords and decrypt encrypted backups, view and analyze information stored in mobile devices

Physical, logical and over-the-air acquisition tools in a single kit

Full over-the-air acquisition of Google Accounts

No other third-party alternatives exist for physical acquisition of iPhone 4S to 6S Plus

PC and macOS versions of mobile acquisition tools are included

GPU acceleration: patented technology reduces password recovery time by a factor of 50 (up to; click to see comparison chart)

iCloud acquisition possible without Apple ID password by using binary authentication tokens (includes token extraction tools for PC and Mac)

iCloud acquisition supports two-factor authentication, offers 2FA bypass if using binary authentication tokens

Used and trusted by most of the Fortune 500 corporations, multiple branches of the military all over the world, foreign governments, law enforcement organizations and all major accounting firms



Mobile forensic software for mobile devices, cloud services, wearables, computer artifacts, and IoT.

Oxygen Forensic® Detective

A forensic software that extracts and analyzes data from various sources, including mobile devices, IoT devices, drones, and cloud services. It can also extract system files and credentials from Windows, macOS, and Linux machines. Innovative technologies are used to bypass screen locks, extract data from secure applications, and uncover deleted data.

The Oxygen Forensic Kit

Designed for examiners in the field and requires no additional installation or settings. Simply turn on the Tablet PC, select a cable from the set, launch the Oxygen Forensic® Extractor, and connect a mobile device for extraction. Extracted data can be saved to a backup and later analyzed in Oxygen Forensic® Detective

Oxygen Forensic® Extractor

A standalone software for extracting data from Apple iOS and Android devices, as well as various backups. Extracted data can be saved to an OFB backup for use with Oxygen Forensic® Detective or exported immediately to a variety of report formats. The software is distributed offline with a minimum of 5 activations.

Oxygen Forensic® Cable Kit

Oxygen Forensic® products support original and third-party cables and adapters, allowing examiners to save on costs by using existing cables from other tools or purchasing a complete Oxygen Cable Set. The set covers most phone models supported by Oxygen Forensic® products.



Oxygen Forensics Training

We offer digital forensic courses for Oxygen Forensic® Detective covering all aspects of investigations. Courses are available in multiple formats, including online, instructor-led, free webinars, and in-person classes from trusted training providers.

Courses range from beginner to advanced and are updated to reflect new tools and features in the Oxygen Forensic® Detective suite.

Academic Training

A turn-key program to allow Oxygen Forensic® Detective education to become part of any existing program.

Certification

Ready for an Oxygen Forensic® Detective certification?



Secure digital identities and access in a way that suits your infrastructure.

Pointsharp delivers cybersecurity software and services that support even the highest security and regulatory demands of large enterprise organizations and governmental institutions. Pointsharp customers are spread across the world. Often in markets requiring extra high levels of security, like the financial, governmental, industrial, and defense sectors.

Pointsharp Enterprise

Pointsharp Enterprise includes the Pointsharp MFA platform and adds more enterprise functionality. Authentication Gateway Single Sign-On Password Reset

Security analysis

Simplify administration with this powerful lifecycle management tool for all your tokens, certificates and more. Custom workflows Self-service Decentralize management

Network analysis

Cryptshare is a solution for secure file sharing and advanced email security. Read more on the dedicated website below. Secure file sharing High security email Outlook integration

Compliance

A user focused multi-factor authentication software installed and run in your own infrastructure. Smart Login App Self-Service Easy user enrollment

Infrastructure

A versatile, out-of-band, certificate-based mobile authentication and signing solution. Broad client support Easy implementation User in focus

Cloud monitoring

A high security and versatile PKI middleware that support most OS and tokens for a great user experience. Secure your devices Single Sign-On Signing & encryption



Pointsharp Secure Cloud

A unique cloud service we've built to deliver our products with the same level of security, or even better, as if you run them in your own infrastructure.

Skip the complicated part

Setting up a PKI infrastructure is complicated and expensive. Not anymore, as we solve that for you. The fast and easy way to secure all your devices and critical applications with multi-factor authentication.

A complete package

You get everything you need to deploy certificate-based security in your organization in one package. Login software for all devices, a mobile solution and a powerful lifecycle management tool.

Highest level of security

This unique service gives you access to the same level of security used by everyone from nuclear power plants to defense contractors. But without the upfront cost and hassle.

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We're ready to assist you.

If you'd like to learn more about our products and solutions, please fill in the form and we will get in touch with you.



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