

COMPANY CULTURE

Our focus is on client empathy, high-quality and secure solutions, strong teamwork, accountability, and innovation.

COMPANY VISION

To be a leading IT company, driving digital transformation and revolutionizing the way businesses operate, communicate, and succeed in a rapidly evolving technological landscape.

COMPANY MISSION

To provide reliable, scalable, and secure IT solutions that enhance efficiency, productivity, and profitability for our clients. We aim to build long-term partnerships by understanding our clients' unique requirements and delivering exceptional services that exceed their expectations.



WHO ARE WE?

Matrix IoT Solutions is a business led by technopreneurs and engineers with over thirty years of expertise in the R&D and technology industries. We specialize in providing digital enablement offerings, including digital analytics, site design and development, and IT security solutions. Additionally, we offer comprehensive IoT solutions to connect and manage smart devices with our platform Mat Ensemble, HSM, HMI (Human Machine Interface) design for intuitive user interactions, and SCADA (Supervisory Control and Data Acquisition) systems for industrial automation and monitoring.

Why Us?

Expertise and Experience:

With years of experience in the IT industry, our team consists of skilled and certified professionals who have successfully executed numerous projects across various domains.

Tailored Solutions:

We believe in providing personalized solutions that align perfectly with your business objectives. We have the expertise to design and implement solutions that suit your specific needs.

Client-Centric Approach:

Customer satisfaction is at the core of everything we do. We listen to our clients, understand their challenges, and work collaboratively to find the best solutions.

Innovation and Creativity:

We thrive on innovation and continuously explore new technologies to stay ahead of the curve. We have several Awards, Patents and Industrial designs to prove our innovativeness.

Security and Reliability:

Data security is of utmost importance to us. We follow industry best practices to ensure the confidentiality, integrity, and availability of your sensitive information. PDPA 2.0 and GDPR

Some of our clients



We are committed to Corporate Social Responsibility (CSR) which extends far beyond business operations. We deeply value the environment and its preservation, actively incorporating eco-conscious practices into our product design and vendor selection.

We actively participate in initiatives that directly benefit the environment. Our promoters are actively involved in Rotary International, specifically Rotary District 3300 Malaysia. This collaboration allows us to contribute to areas such as clean water and sanitation, sustainable agriculture, and environmental protection.

Industries which we provide Digital Marketing : B2B (Business-to-Business) |
Healthcare | Finance and Insurance | Manufacturing | Non-profit Organizations
| Government and Public Sector.

Digital Presence & Digital Marketing

- Branding
- Competitive Analysis
- Digital Presence
- Social Media Analytics
- Social Media Marketing

A digital presence is no longer a luxury; it's a necessity for any industry, knowing your competition and aligning your business to the market needs is no longer an option.

We help you to do this.

www.matrix-iot.com

Digital Marketing



We Help **your business**
Grow



Industry that relies on digital technology in any capacity needs IT security to:

Protect sensitive data | Prevent financial losses | Maintain operational continuity | Comply with regulations | Safeguard their reputation and customer trust.

IT Security SECaaS

- **Hardware Security Module**
- **Firewall as a Service(FWaaS)**
- **Endpoint Security**
- **Security Information & Security Management (SISM)**
- **Identity &Access Management**
- **Email Security**
- **Web Application Firewall**
- **Data Loss Prevention(DLP)**

In the digital age, IT security isn't just protection, it's the foundation of trust and sustenance.

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IT Security Framework

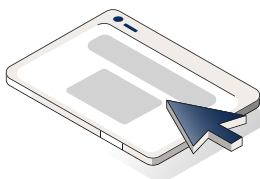
1



Identify

Initial stage is understanding what you need to protect. We meticulously assess your organization's systems, data, and potential vulnerabilities. And create a unique risk profile.

2



Protect

With a thorough understanding of your assets, we design and implement robust security measures. This includes everything from firewalls and intrusion detection systems to staff training.

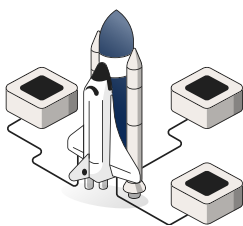
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Detect

Our continuous monitoring systems act as vigilant sentinels, identifying suspicious activity in real time. Early detection is crucial to minimizing the impact of any security breach.

4



Respond

In case of an attack. Our incident response team is prepared to act decisively, containing the threat, investigate and mitigate damage. And work to restore normal operations as quickly as possible.

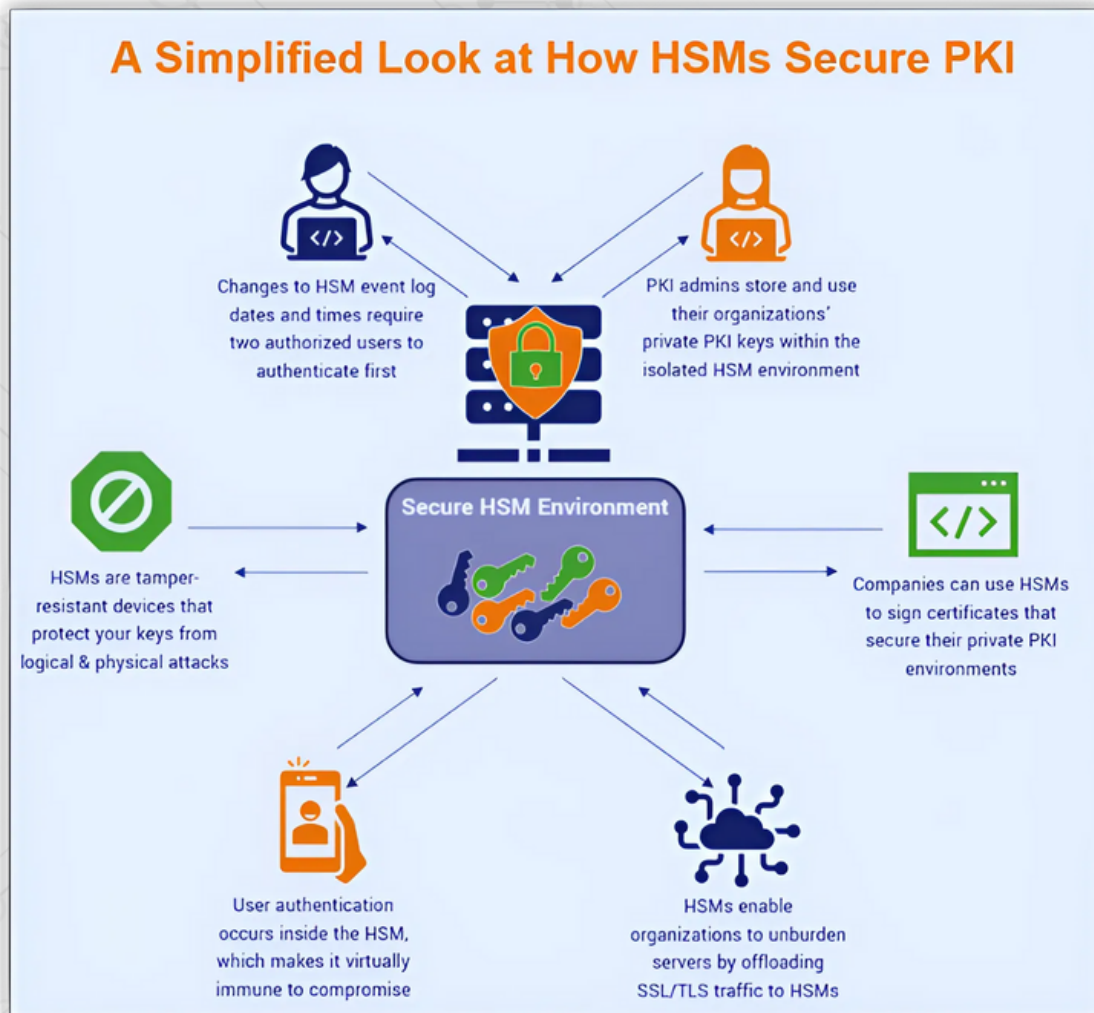
5



Recover

In the aftermath of an incident, we help you recover and rebuild. This includes data restoration, system repairs, and analyzing what happened to prevent similar issues in the future.

Hardware security modules (HSMs) are tamper- and intrusion-resistant hardware components with Firewall that organizations use to protect data and store their cryptographic keys while still making them available for use by authorized users.



Imagine a super secure box (that's the HSM) where your organization keeps its most important secret keys.

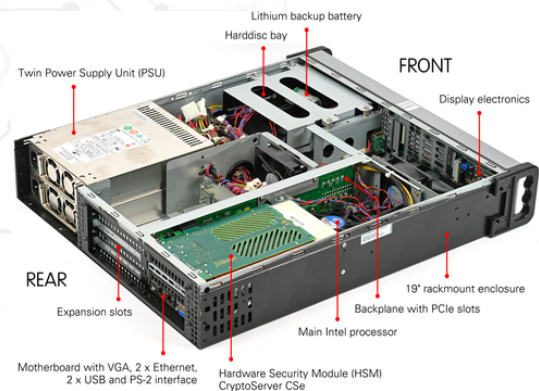
Employees don't get the actual keys: Your employees can tell the secure box (HSM) to do things that require those secret keys, like logging in securely or signing documents. But they never actually see or get a copy of the key itself.

Software asks the box to do the work: Your computer programs, like the ones that run your company's website, can also ask the secure box (HSM) to perform these secret key actions. The program doesn't need to have a copy of the key on the website server where hackers could potentially steal it.

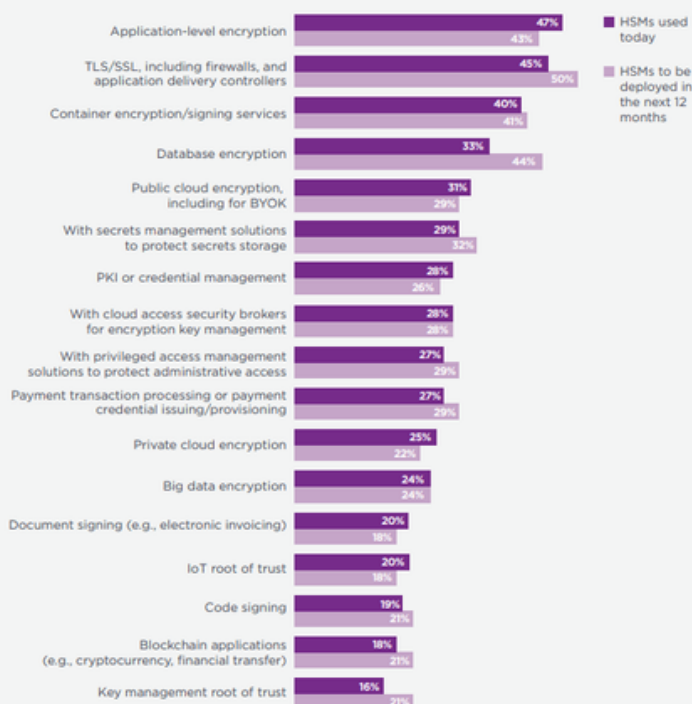
All the secret stuff happens inside the box: The HSM does all the work that needs the secret key inside its secure environment. It's like a little fortress where the sensitive operations happen, keeping your keys safe and hidden.

Example Illustration - think of it like a vending machine:

- The vending machine (HSM) holds all the snacks (secret keys) inside.
- You (the employee or software) can select a snack (ask to perform a secure action).
- You put in money (provide necessary information).
- The vending machine gives you the snack (completes the secure action) without you ever needing to open the machine or touch the snacks inside.
- So, the HSM lets people and programs use your organization's secret keys to do secure things without ever exposing the keys themselves, keeping them safe from potential attacks.



Matrix Rackmount HSM with Redundant supply and Battery



HSM integrates firewall services, it contributes to malware prevention by:

- **Enforcing Strict Network Policies:** Ensuring that only legitimate traffic is allowed, reducing the attack surface for malware.
- **Integrating Intrusion Detection/Prevention Systems (IDPS):** Our advanced HSM with firewall capabilities include IDPS that can actively scan network traffic for suspicious patterns and block potential attacks, including those involving malicious scripts.
- **Secure Key Management for Security Tools:** The HSM securely stores the cryptographic keys used by other security tools (like antivirus software or intrusion detection systems), ensuring their integrity and effectiveness.

Internet of Things (IoT) is about delivering unprecedented accuracy, ease of management, and affordability to business processes. As your trusted partner, we enable you to adopt and leverage these cutting-edge technologies for sustainable growth. At the moment our offerings are for Solar Energy, Electrical and Manufacturing Sectors.

Internet of Things IoT

- **Human Machine Interface (HMI) Solutions**
- **SCADA (Supervisory Control and Data Acquisition)**

Matrix helps to connect everyday objects to the internet, allowing them seamlessly to communicate with each other, with applications, and with **YOU**.

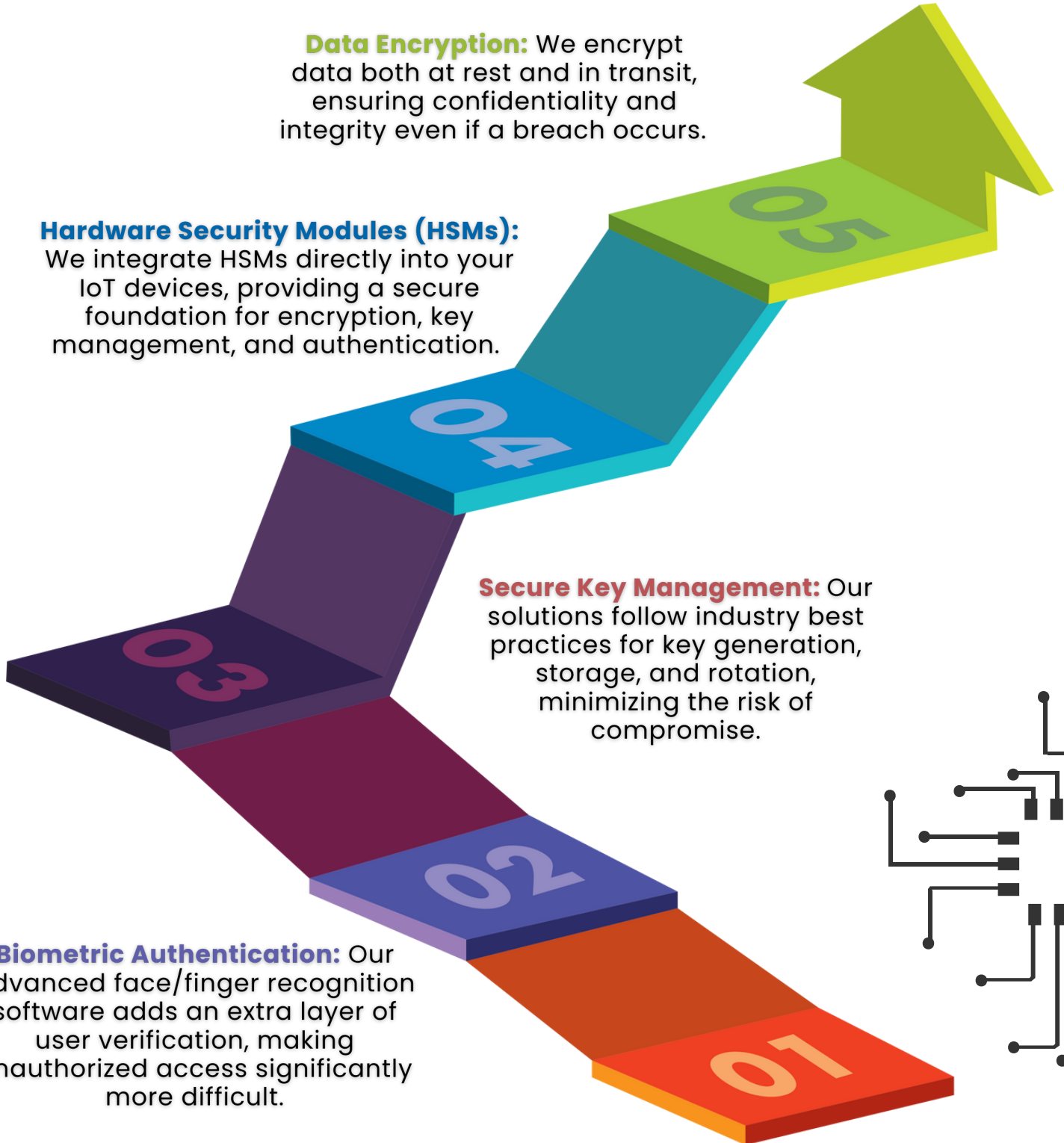
Data Encryption: We encrypt data both at rest and in transit, ensuring confidentiality and integrity even if a breach occurs.

Hardware Security Modules (HSMs): We integrate HSMs directly into your IoT devices, providing a secure foundation for encryption, key management, and authentication.

Secure Key Management: Our solutions follow industry best practices for key generation, storage, and rotation, minimizing the risk of compromise.

Biometric Authentication: Our advanced face/finger recognition software adds an extra layer of user verification, making unauthorized access significantly more difficult.

Regulatory Compliance: System is designed with privacy regulations like GDPR 2.0 in mind, giving you peace of mind.



Human Machine Interface (HMI) Solutions

SCADA (Supervisory Control and Data Acquisition)

Solar Energy

1

- Remote monitoring of solar panel performance.
- Predictive maintenance of inverters and other equipment.
- Optimizing energy generation based on weather conditions.
- Smart grid integration and management.
- Security and access control for solar farms.

Manufacturing

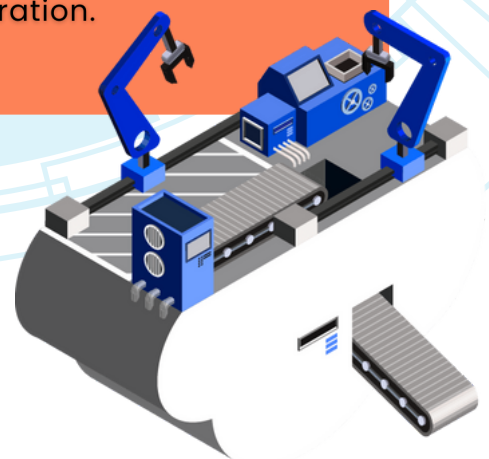
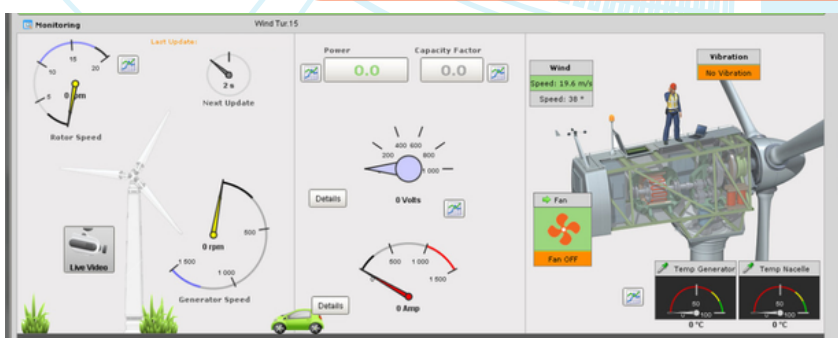
2

- Predictive maintenance of machinery.
- Real-time monitoring of production processes.
- Inventory management and tracking.
- Quality control and defect detection.
- Worker safety monitoring.
- Energy efficiency optimization.
- Supply chain management.

Electrical

3

- Smart grids for efficiency.
- Remote monitoring and control of substations.
- Fault detection and management.
- Demand-side management and load balancing.
- Smart metering and consumption monitoring.
- Renewable energy integration.



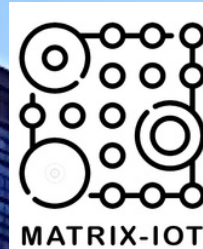


FOR MORE
INFORMATION :

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Rationale of Logo : The clean, geometric, and abstract design conveys a sense of Artificial Intelligence, internet technology, innovation, and forward-thinking.



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