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WHY YOU NEED BIOMETRIC TODAY?

UNDERSTANDING SECURITY FOR BUSINESS

WHAT IS OT?

PHYICAL OR SOFT SECURITY WHICH IS BETTER FOR YOU

KIDS CORNER

Message from Founder

It is with profound pleasure, humility, and anticipation that we celebrate the launch of Security Times Magazine (STM) with this inaugural issue.

On behalf of the Security Times Magazine (STM) Team, I would like to extend a very warm welcome to the readership of Security Times Magazine (STM).

I take this opportunity to thank our authors, editors, and anonymous reviewers, all of whom have volunteered to contribute to the success of the magazine.

Security Times Magazine (STM) is primarily aims to promote and increase awareness in technologies in security and best practices so as to keep businesses and home users informed on a variety of security-related issues.

The topics covered in the magazine aims at providing security & safety industry tips and trends in the security industry technologies updates.

The magazine is an essential read for everyone! Security Times Magazine (STM) provides an ideal forum for exchange of information on all the above topics and more, in various formats: full length and letter length research papers, survey papers, work-in-progress reports on promising developments, case studies / best practice articles written by industry experts, and tutorials on up-and-coming technological breakthroughs.

I close this message by inviting everyone to submit their exciting articles and Therefore, we are committed to publishing best practise in security industries Once again, I welcome you to Security Times Magazine (STM). – your magazine! With your support as founder, authors, reviewers, and editors, I see very bright prospects for Security Times Magazine (STM). to serve community in the field of

security industries

We hope to hear from you soon, and we welcome your feedback!

If you have any questions, suggestions, or concerns, please address them to smgrouptz@gmail.com

Thank you. We hope you will find STM informative. Ziwani



F o u n d e r Mohamed Ziwani Articles organizer Sakina Rashid S u b - e d i to r John Peter D e s i g n e r Harry John

Mohamed Ziwani

Founder

STM Magazine

The use of ICT to Secure your business Data

The use of Information and Communication Technology (ICT) is crucial for securing our businesses in today's digital age.

Here are few ways in which ICT can be employed to enhance the security of a business:

Put a Cctv Camera Inplace

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© DVR

what ever size of your business

you need to secure what ever its there, that is vulnerabil your Asset! Cctv will reduce many risk of thefts ^{attackers.} to your asset and your bussines transactions

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Access Control Systems:

Employ access control measures to restrict unauthorized access to sensitive information. This includes every user to have its user name and uses strong password policies, multi-factor authentication, and role-based access control (RBAC) to limit access based on job responsibilities

Regular Software Updates and Patch Management:

Keep all software, including operating systems and applications, up to date with the latest security patches. Regular updates help address vulnerabilities that could be exploited by

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What is IoT?

- The Internet of Things (IoT) refers to the network of physical devices,
- vehicles, appliances, and other items embedded with sensors, software, and connectivity,
- enabling them to collect and exchange data over the internet.

Why is IoT Important?

IoT has made it possible for the physical world to meet the digital world and cooperate with each other.

It offers various benefits to individual and organizations by enabling them to automate and simplify their daily life tasks.

Where IoT devices are being used or applied?

Daily Life Applications of IoT and Robotics



Benefits of IoT

As IoT grows exponentially year on year, companies are leveraging the tremendous business values it can offer.

- Here are some of the most important benefits of IoT:
- To generate new business models and revenue streams
- To improve business decisions through datadriven insights from IoT data
- To increase productivity and efficiency of business operations
- To enhance customer experience

How Will It Affect Me?

The Internet of Things has arrived and it's going to introduce incredible opportunity over the next 7 to 10 years. And while smart things are exactly that, the IoT industry has a long way to go in terms of overall security. Many of today's IoT devices are rushed to market with little consideration for basic security and privacy protections: "Insecurity by design."



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PTZ Control

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Physical security and soft security are two distinct but interconnected aspects of overall security measures employed by organizations, house owners and Individuals to protect their assets, information, and people.

Physical security

Primarily deals with the protection of tangible assets, premises, and individuals. It involves measures to prevent unauthorized access, theft, vandalism, and other physical threats.

Examples: Access control systems, surveillance cameras, and security quards

Soft security, or cybersecurity

is concerned with protecting digital assets, information systems, networks, and data from unauthorized access, cyberattacks, and data breaches.

Examples: Firewalls, and antivirus software

Effective security measures must involve an integration of both physical and soft security measures. PAGE 6



#1 Know Your Name, Number and Address Kids must know their Geographical Location & Address with parents/Guardians mobile numbers

#1 Do NOT Eat Anything Given By A Stranger: Kids must not accept any Gifts/foods/Drinks from strangers

#2 Do NOT Walk out of the Home Alone Kids must ensure that they have someone to accompany when leave the houses

#3 Never Go Anywhere with A Stranger: Kids must know that they shall never go with some one they don't knows

#4 No One Is Allowed to Touch Your Kid's Body: Kids need to be aware that their body parts should be never touched

#5 If You Get Lost, Stay Where You Are:

Kids needs to understand that once get lost they should stop and roaming around and find a safe place to ask for help



THE REASON YOU NEED BIOMETRIC **TECHNOLOGIES IN YOUR BUSINESS**

Biometric is For Human!

Biometrics refers to the measurement and statistical analysis of people's unique physical and behavioural characteristics.

As organization its important to have this in place because the human body traits can't be forged

These characteristics are used to identify and verify individuals.

Biometric systems are

designed to recognize and authenticate a person based on their physiological or behavioural traits. Biometric systems are widely used for access control, identity verification, and security purposes. They offer a more secure and convenient way to identify individuals

Tanzania Common types of biometric 100 identifiers 111

common These are most technologies that you will easy find used in various business areas Tanzania recognition: Fingerprint

Analyzing the unique patterns of ridges and valleys on a 111 fingertip.

Facial recognition: 10 Using distinctive features of the face, such as the arrangement of eyes, nose, and mouth.

Iris or retinal scans: Examining the unique patterns in the iris or blood vessels in the retina of the eve.

Hand geometry: Measuring the size and shape of a person's hand.



The term "BIOMETRIC" is derived from the word "BIO" to (related living organisms) "METRIC" and

(measurement).

Does your Organizations need Biometric?

The answer to this is not YES/NO as it much depend on the nature and sensitivity of the business your doing!

Due to its orucial role in improving security across various business organization or home owners areas and its ability to provide must accurate identification. Most organization data/information (Asset) are choosing biometrid to protect their asset. As it gives assurance to protect your data and crucial information

Here are the reasons why you need **biometrics** will to enhance your security in your business operations; -

Strong Authentication:

In area where you need strong identification to access information, biometrics offer a more robust method of authentication compared to traditional methods like passwords or PINs.

Since biometric traits are unique to each individual and difficult to forge, they provide a higher level of security

Reduced Risk of Unauthorized Access:

Biometric system elp risk minimize the unauthorized access to secur areas, devices, or information. This is particularly important in dritical infrastructure. sensitive buildings, and data eenters.

Identity Verification:

commonly Biometrics are used for dentity verification in various sectors, including finance, healthcare, and government. This ensures that individuals accessing sensitive information or services are who they claim to be.

Biometrics remain one of the best security layers that an have especial on reliable protecting important

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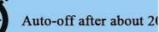
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