

A background image showing a business meeting. In the foreground, a person's hands are clasped together on a white table. In the background, another person is holding a pen over a clipboard, with a tablet displaying data charts nearby.

# How to Safeguard Your Data Amidst the Emergence of Advanced Technology

**Chenda SOK (Mr.)**

Head, Enterprise Solutions.  
099 33 66 23

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# #Whoami?



**Mr. SOK Chenda**  
Head, Enterprise Solutions

Chenda SOK serves as Head, Enterprise Solutions at ezeecom. He possesses over 15 years of professional experience in Information Security Management, Cybersecurity Strategy, IT Business Development, Enterprise Security Architecture, Security Engineering, Network and Security Solution, Enterprise Technologies, Assessment on Host, DB, Network Devices and DC & DR architecture, Compliance Gap Assessment and IT & IS Policy Development (ISMS).

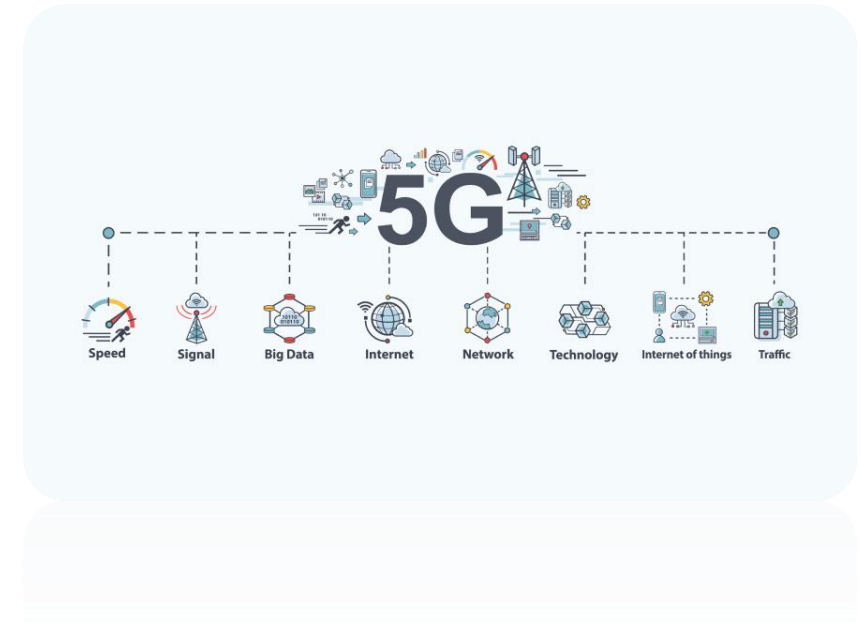
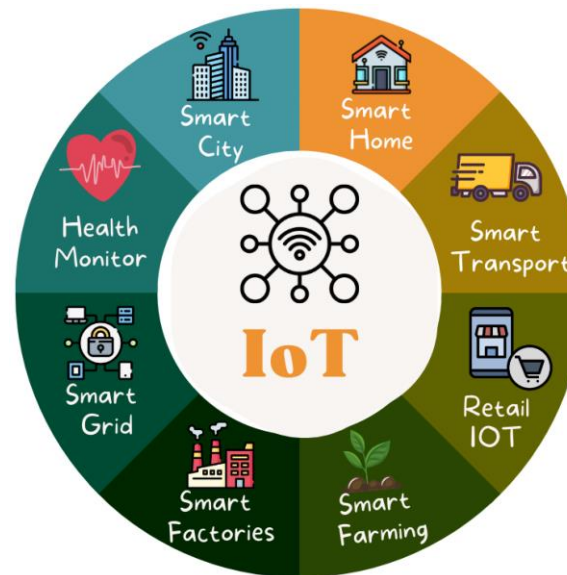
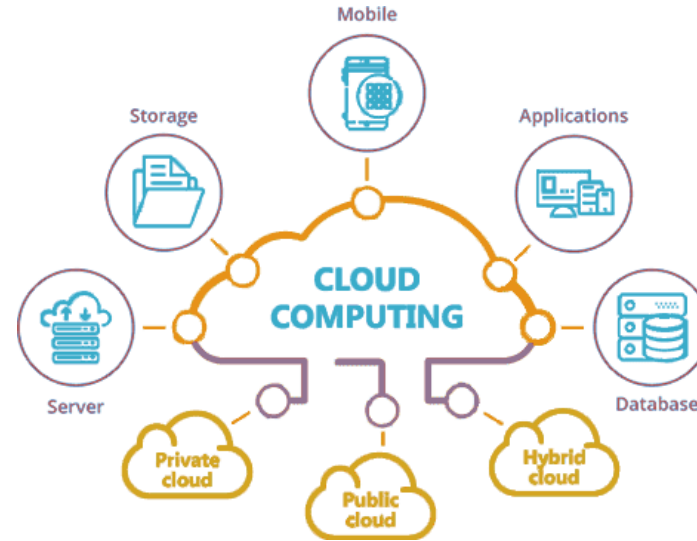
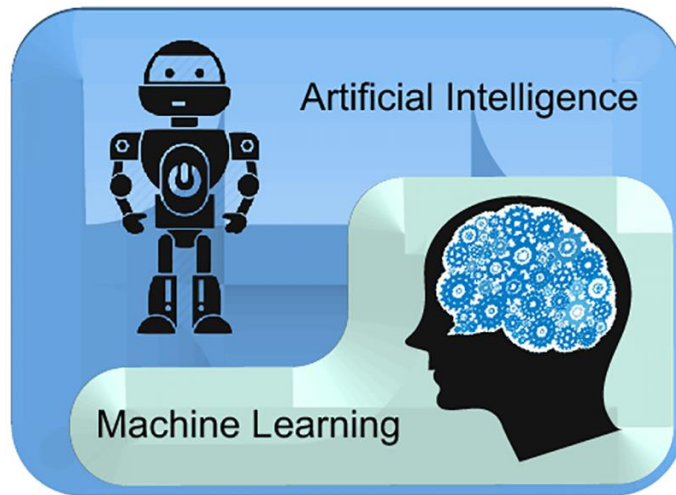
## Qualifications / Certifications:

- Cyber Security Expert (Master's Program) from India,
- Master of Science in Information Technology (MsIT),
- Microsoft Azure Fundamentals & Solution Architect Expert,
- Certified Network Security Specialist (CNSS) by Internal Cybersecurity Institute (UK),
- Huawei Certification Network Associate & Professional R&S and,
- Fortinet Network Security Expert Level.

# Agenda

1. The Digital Revolution: New Reality
2. Why Data Security is Paramount?
3. Navigation the Threat and Building Resilience
4. From “Perimeter” to “Data” Protection
5. Adopt the Zero Trust Architecture
6. Robust Data Governance & Compliance
7. Key take away

# 1. The Digital Revolution: New Reality



## 2. Why Data Security is Paramount?



# Cybercrim Statistics 2024



**\$10.5 Trillion**

Projected cost of  
Cybercrime by 2025



**\$1.5 Trillion**

Amount earned by cybercriminals  
for cybercriminal activities yealy.



**80%**

Of cybercriminal are  
phishing attacks in the  
technology sector.



**2.7 Billion hrs**

Total time spent resolving  
cybercrime; average of 6.7  
hours daily



**\$5.09 Milloin**

Is the highest cost of a data  
breach in U.S.A. in 2023



**\$30 billion**

Cost of Crypto-crime  
annually by 20225

**\$265 Billion**

Is the estimated annual cost of ransomware to victims by 2031.

# 3. Navigating the Threat and Building Resilience

## The Evolving Threat Landscape

- 1 Crypto-Stealer in Open Source Software
- 2 Risks from Unmaintained Open-Source Projects
- 3 Quantum Computing & Encryption Vulnerabilities
- 4 AI-Powered Malware
- 5 Insider Threats
- 6 Sophisticated Social Engineering Attacks



# 3. Navigating the Threat and Building Resilience

## Keys to Data Security



### BACKUP DATA

Make regular backup of files, and store backup copies offsite



### ACCESS CONTROL

Allow only authorized staff into certain computer areas



### ANTI-MALWARE

Protect your data against viruses by running anti-virus software



### LOCK DEVICES

Always log off or turn terminals off and if possible, lock them



### PASSWORD SECURITY

Use a system of passwords so that access to data is restricted



### PROTECT DATA

Avoid accidental deletion of files by write protecting disks



### DATA ENCRYPTION

Use data encryption techniques to code data so that it makes no apparent sense



### STORE DATA SAFTLY

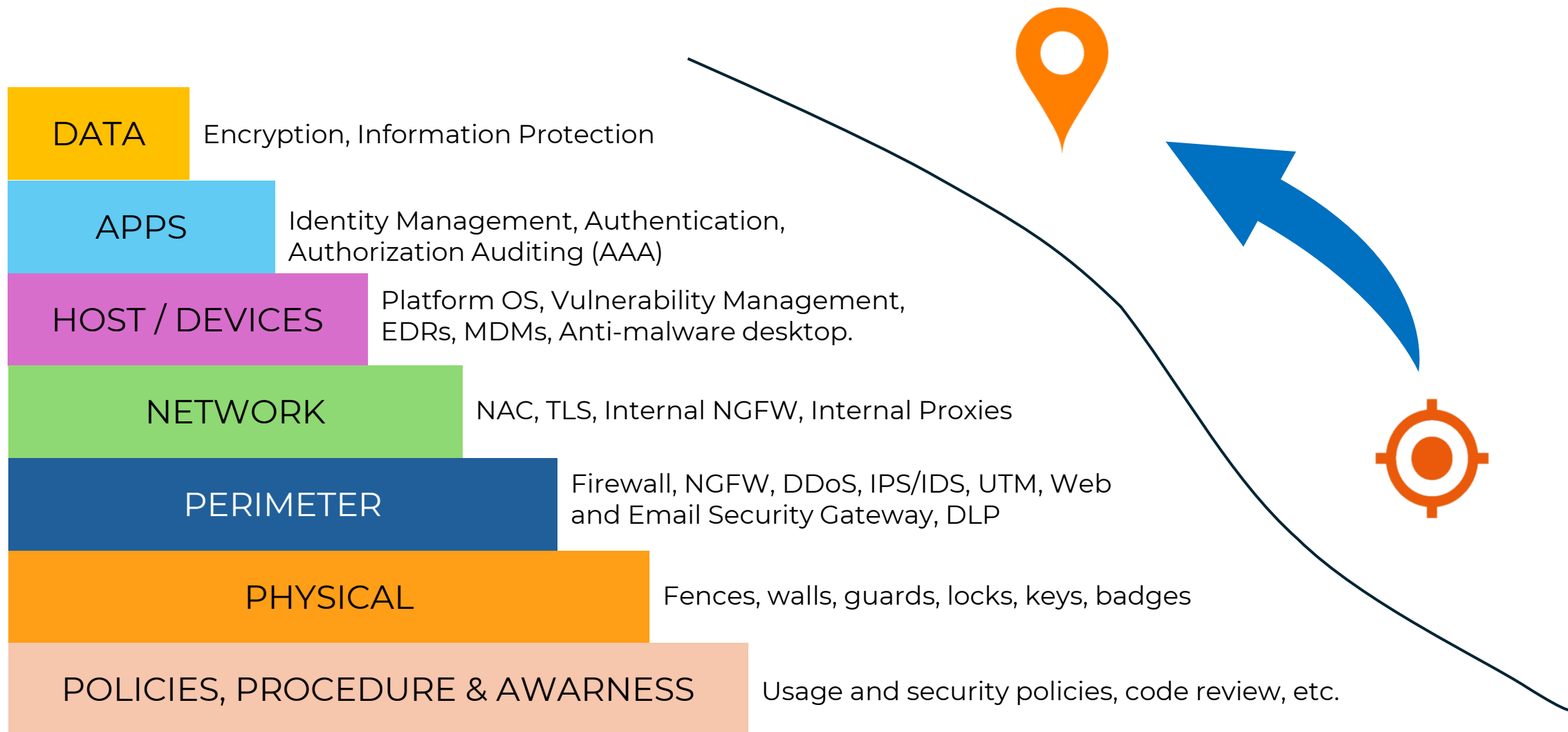
Safe storage of important files stored on removable disks. e.g. locked away in a fireproof and waterproof safe

# 3. Navigating the Threat and Building Resilience

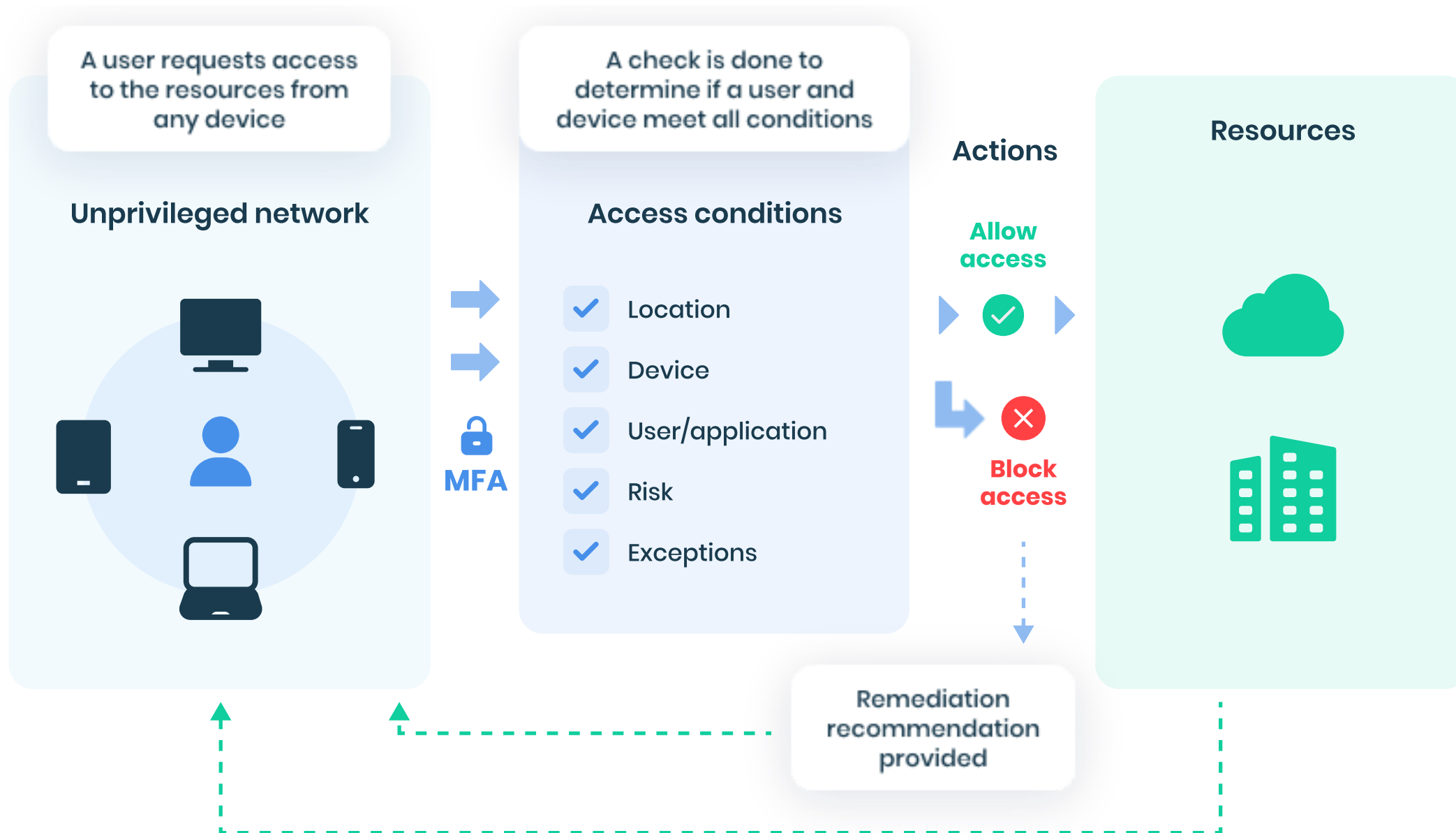
The Human & Governance Elements: People, Policy, and Preparedness.



## 4. From “Perimeter” to “Data” Protection



## 5. Adopt the Zero Trust Architecture



## 6. Robust Data Governance & compliance

### Data Classification



### Data Life-cycle Management

### Local/International Law and Regulation



## 7. Key take away

- Be ready with AI, Cloud Computing, 5G and IoT
- Implementation of GRC program and tailored to all size of company
- Adopt with Zero Trust Framework “Never trust, but always verified”
- Data Security Governance, Life cycle and compliance



**Thank You!**