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# Mobile Telephony and Internet security; Prospects and Challenges for East Africa

# Who am I?

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- Build complex Websites
- Local Web Hosting
- UIXP member
- Linux User Group Member
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# Security

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# Threats

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- Server Attacks
- Virus & Malware infections
- Privacy Intrusions
- Social Engineering
  - Advance-fee fraud
  - Phishing
  - Stalking
- Intellectual Property

# More of Everything

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- People online
- Bandwidth
- Content
- Complexity

# What is to loose?

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# What is to loose?

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- All Data
- Other people's data in your possession
- Productive Time
- Profile Damage
- Bandwidth
- Privacy
- Cash

# Strategy

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# Strategy

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- Security Procedures
  - User Training
  - Memory Sticks
- Maintenance
  - Backups, Firewalls, Redundancy etc.
  - Software updates
  - Virus Scan updates
- Encryption

# Costs

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# Costs

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- How much does it cost to be breached?
- Minus
- How much does it cost to prepare?
- Equals
- Saving in the long run

# FLOSS

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- Free (as in Beer)
- More secure
- Examples
  - Firefox
  - Open Office
  - Linux

# Breached

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# Breached

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- Laws
- Capacity
- Experience

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# Conclusions

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- Our vulnerability will grow exponentially
- The stakes will grow exponentially
- Its all about costs
- The weakest link is the human factor
- FLOSS helps getting costs down
- Legal Frameworks will shape our digital future

# Q & A

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