

# **EAP-TPM**

## **A New Authentication Method for Public Wireless Networks**

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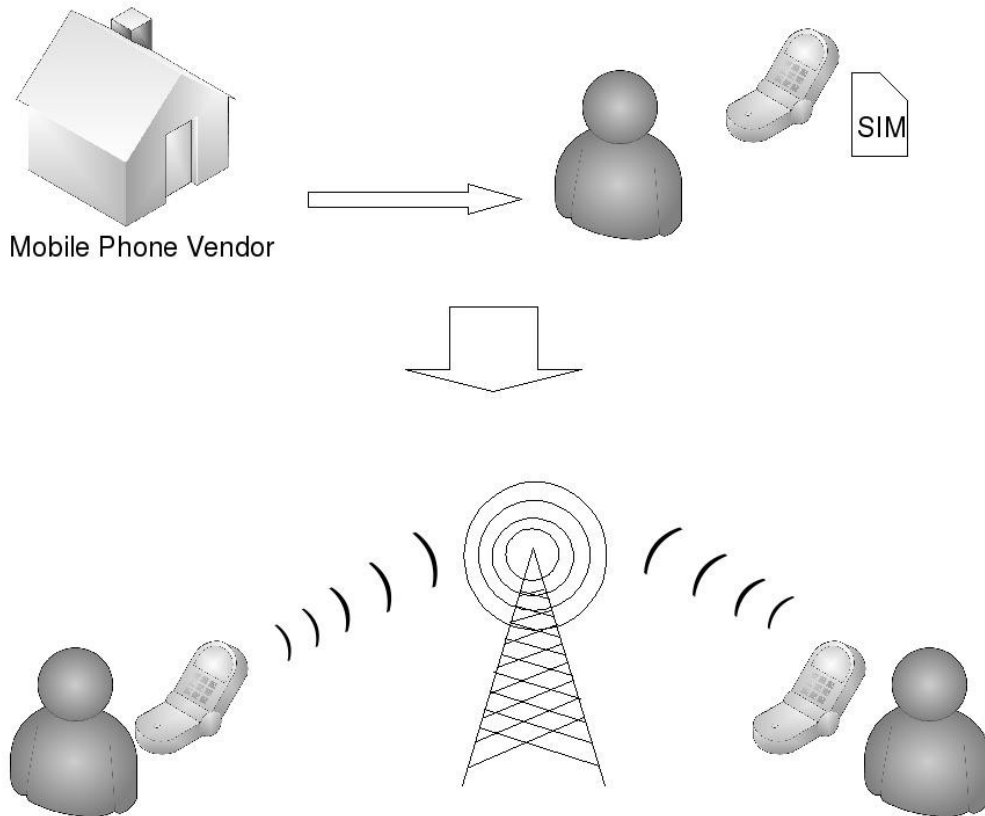
**ITValley Fribourg**

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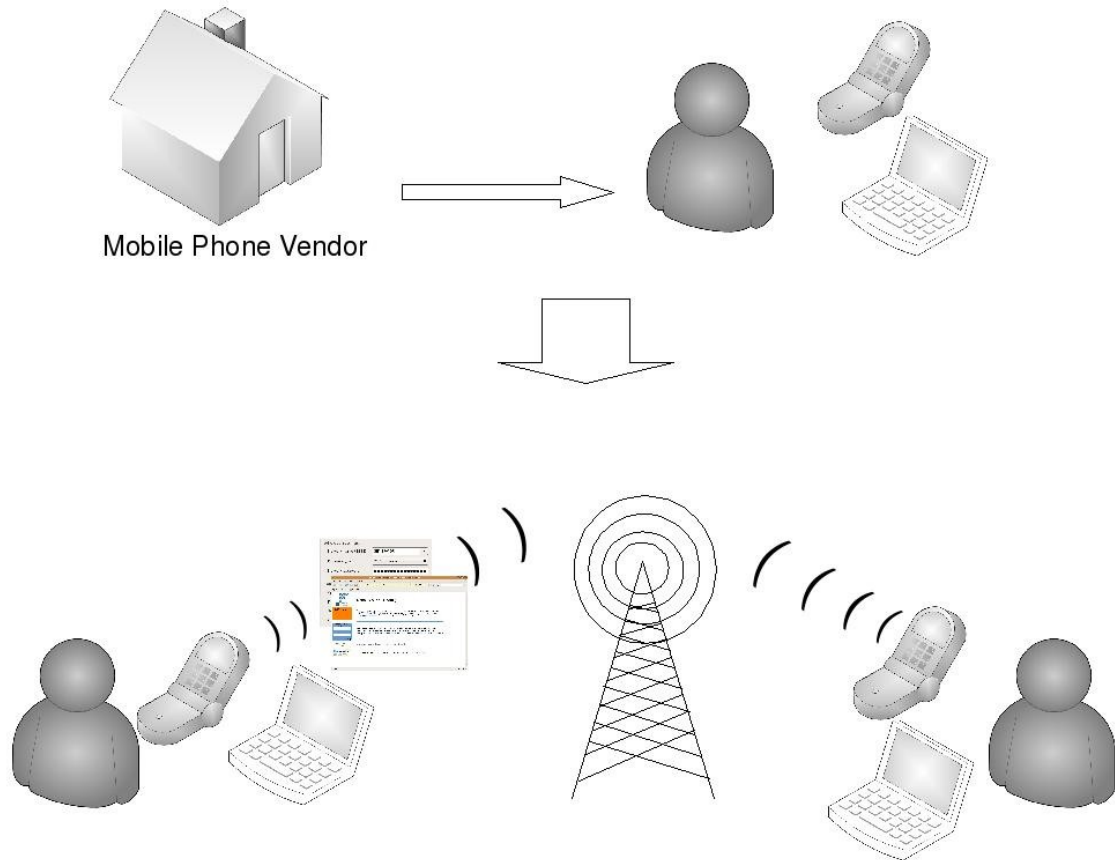
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# Motivation - GSM Networks



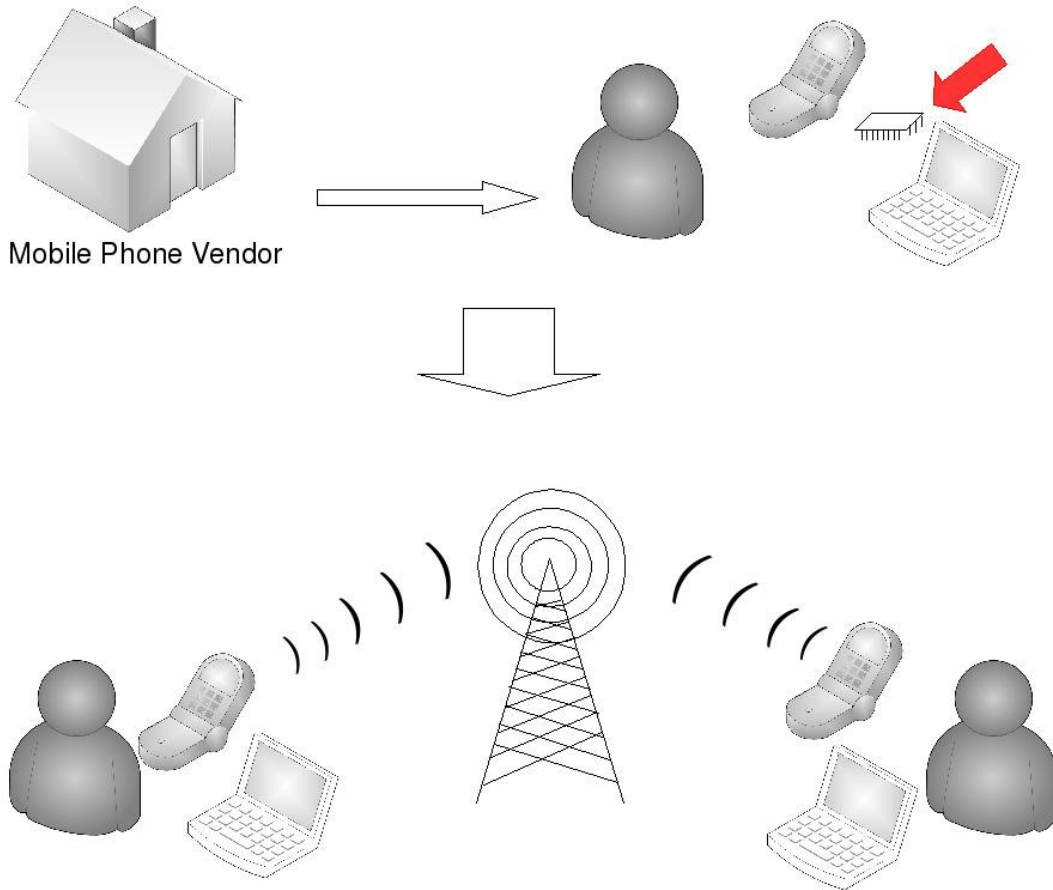
- Very easy for the user
- Fix user authentication
- Hardware token to identify user

# Problem - Public Wireless Networks



- 802.11 concentrated on data transmission
- Several authentication protocols
- Complicated and uncomfortable for the user

# Solution - EAP-TPM



- Hardware token to identify user
- Supports several identities
- EAP-TLS based
- New TLS extension

# Conclusion

- EAP-TPM seems to be a promising approach
- Standardization in progress
- Real-world evaluation in progress

# Questions?

**Thanks for your attention :-)**