

Freifunk

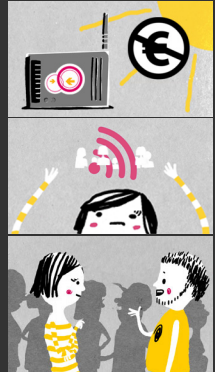
The free WLAN-Network

30. Mai 2017

What is Freifunk?

Initiative for free (radio) networks

- **Noncommercial**
- Participatory network: **Network in user's hand**
- Equal treatment of all data (**Net neutrality**)
- Infrastructure **decentralized**



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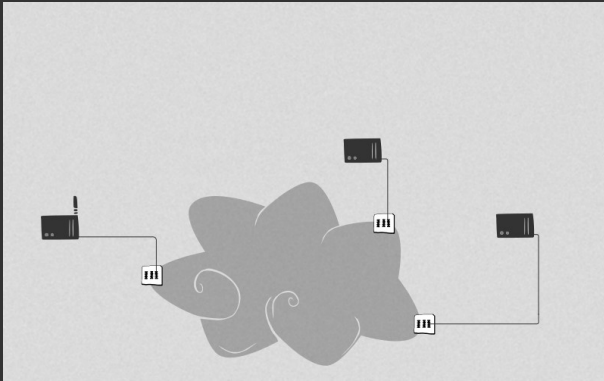
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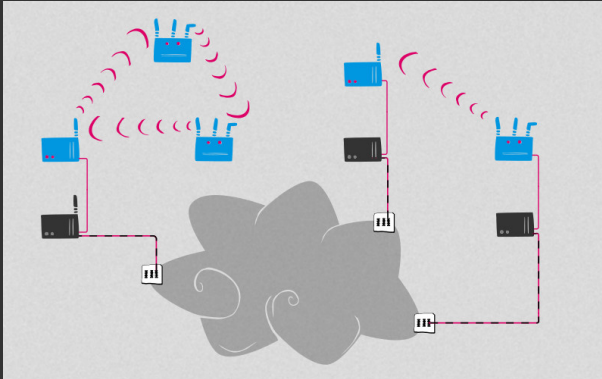


Without Freifunk



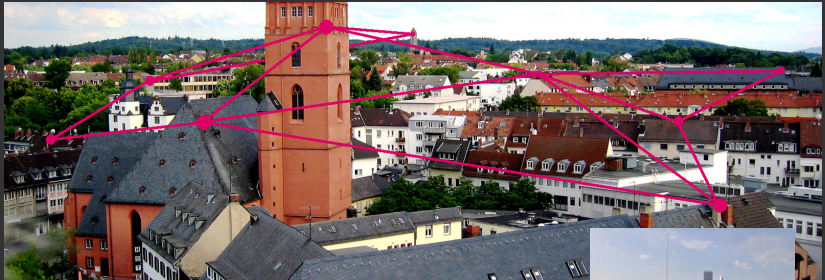
Closed WLAN networks, which do not communicate with each other

With Freifunk

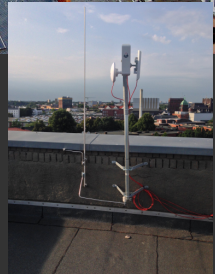


Freifunk nodes span a free net

Backbone network



- Own infrastructure
 - Redundancy and load distribution
 - Independent of the Internet

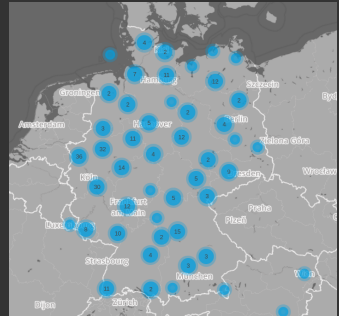


Aim

- **Participation of the population** in the deployment and development of **decentralized networks**
- Promote the comprehension of communication networks \Rightarrow **educational mission**
- Participation in social initiatives to support the **spread of free networks**

Distribution

- Across Germany over **400** local groups
- over **45.155** open nodes / access points

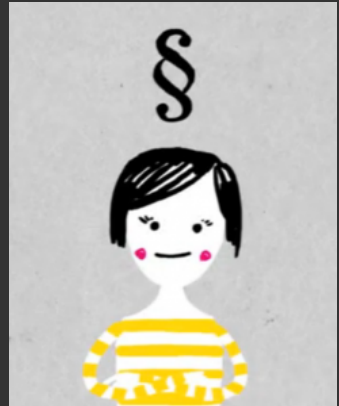


Freifunk Frankfurt: In Numbers

- approximately 1300 concurrent daily users
- *over* 512 Freifunk-Nodes in the Frankfurt Area
- over 100 TB of user traffic *every Month*

cease and desist risk / Störerhaftung

- No liability for **node operators**
- Traffic goes through our gateways. **Limitation of liability** after TMG §8.
- We take the laws literally: **We do not collect any data.**
- Freifunk is **no** anonymization service



Costs

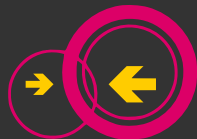
- Goal of Freifunk: **Free participation and usage**
- Hardware depending on usage **from 25,- €**
- Running ISP Infrastructure is expensive!
 - Transit for the Backbone, power, etc. only possible by sponsors

Freifunk lives from participating

- Freifunk is **not a service provider**
- New **local Communities** are not just welcome, but desired
- Other Freifunk groups like to help and **share knowledge**



Thank you!



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