

Net Neutrality and Free Software: The Case of Router Freedom in Europe

08 February 2021 · Fosdem 2021

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Agenda

Router Freedom and **Net
Neutrality**

Router Freedom and **Free
Software**

Why is Router Freedom
in **Danger**?

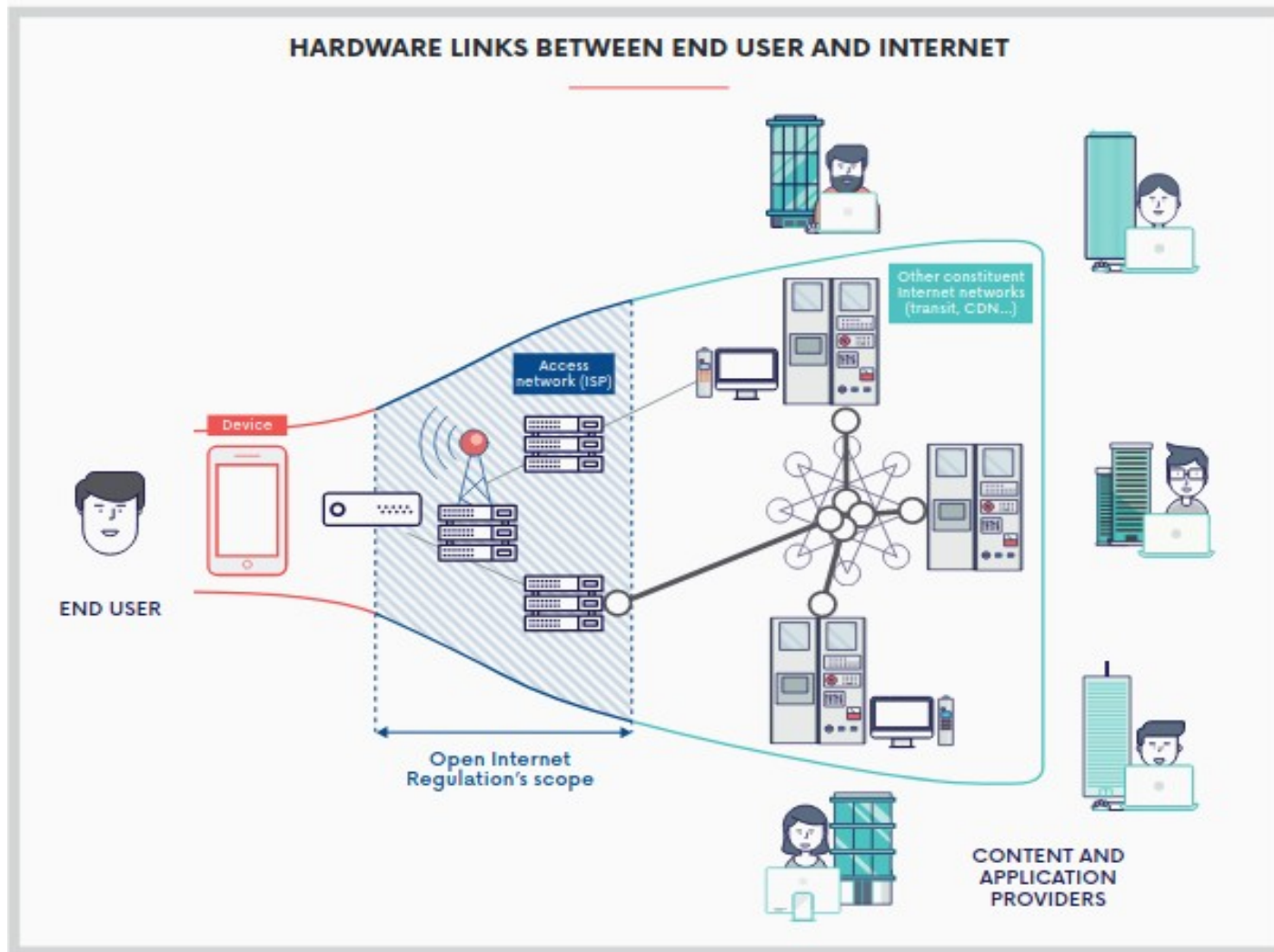
How you can **help**?



Router Freedom and

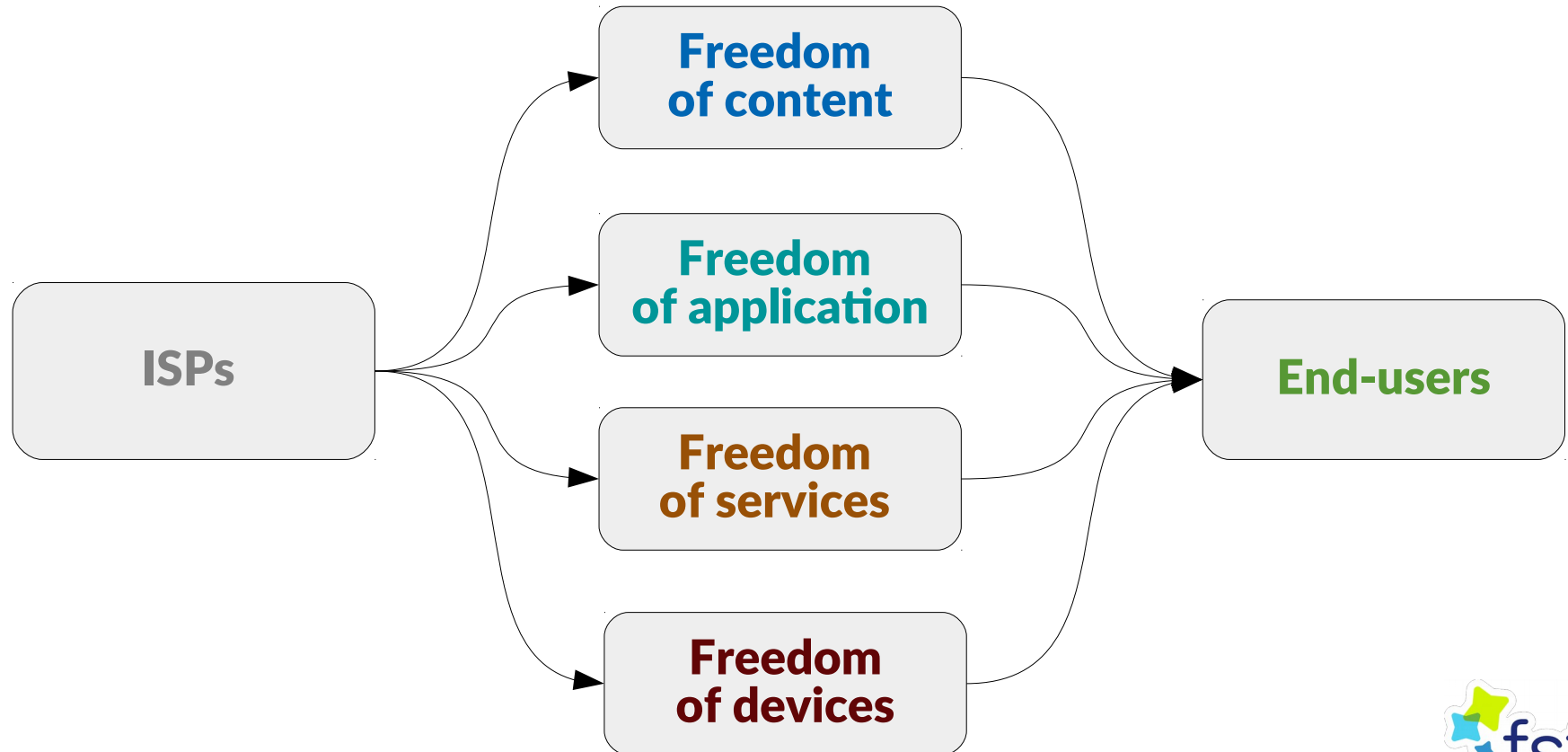
Net Neutrality

Scope of Net Neutrality in the EU



ARCEP, The state of the Internet in France, 2018.

Net Neutrality principles



EU Net Neutrality Regulation

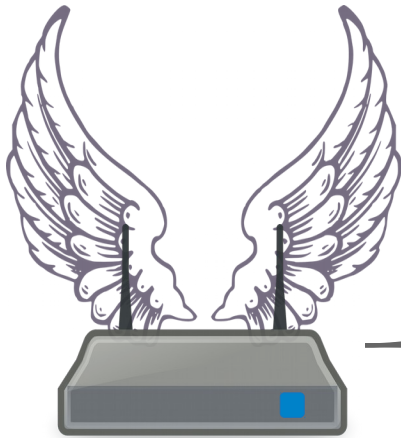
Regulation (EU) 2015/2120

*Art. 3(1): End-users shall have the right to access and distribute information and content, use and provide applications and services, and use **terminal equipment of their choice**, irrespective of the end-user's or provider's location or the location, origin or destination of the information, content, application or service, via their internet access service.*



Router Freedom and --- Free Software

There is no Router Freedom without Free Software



**Freedom of
choice**

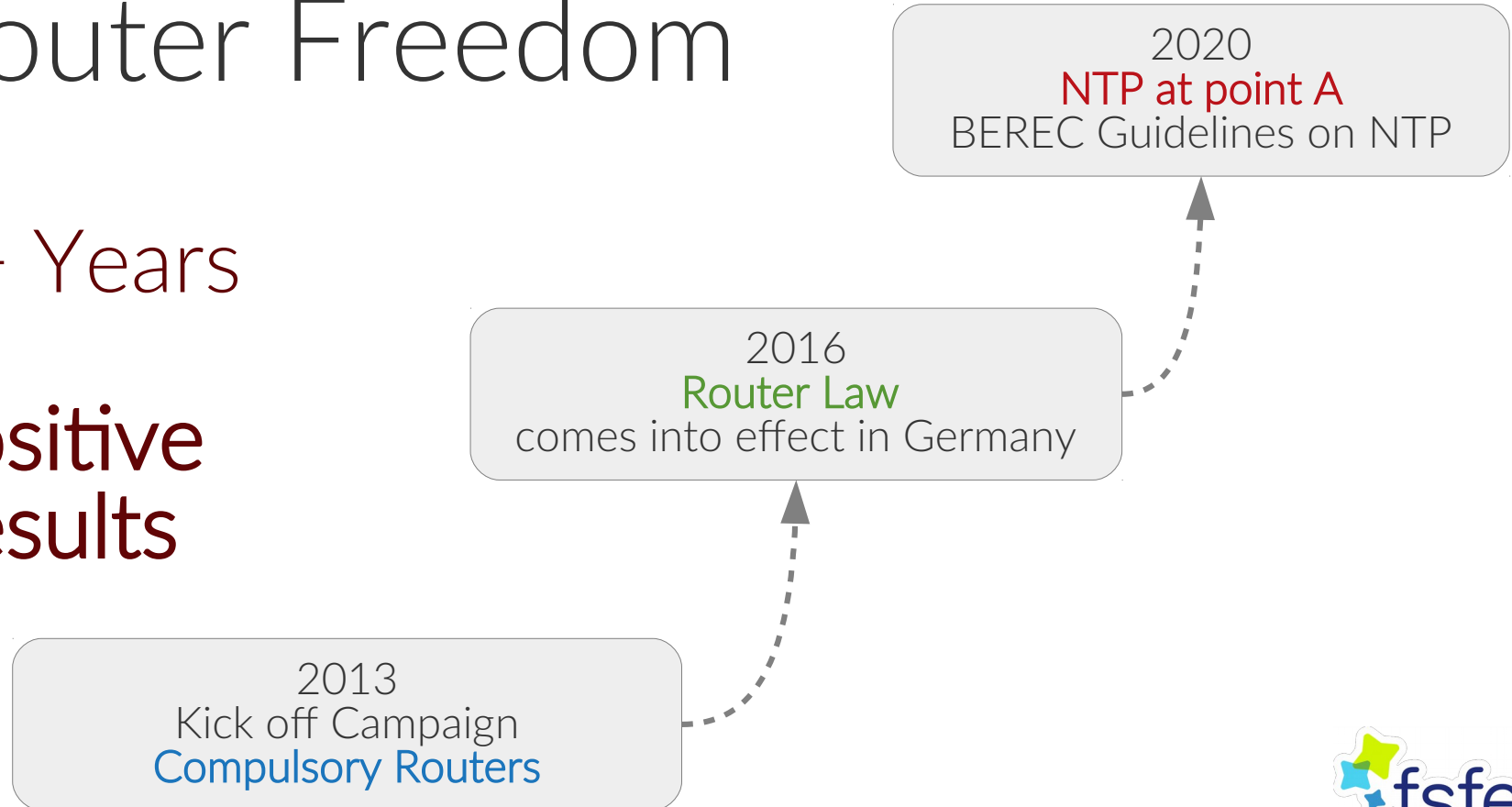
**Privacy and
Data Protection**

**Free Competition
& Compatibility**

Security

FSFE and Router Freedom

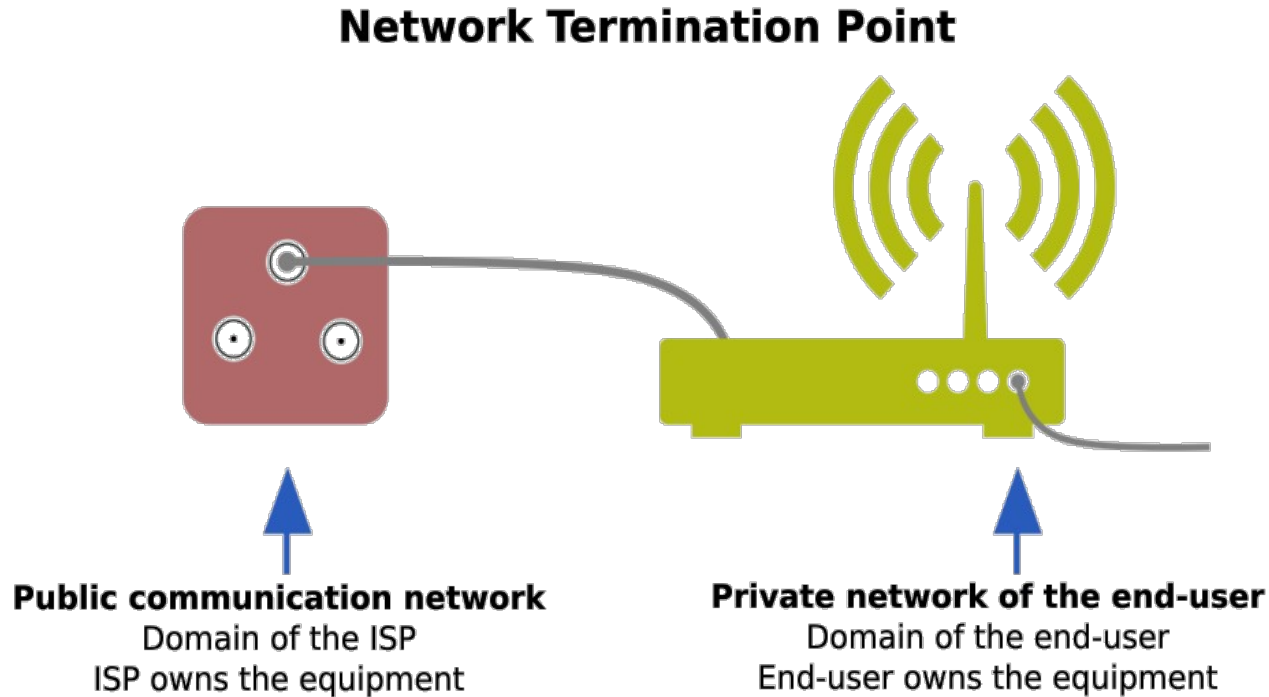
7+ Years
of
Positive
Results





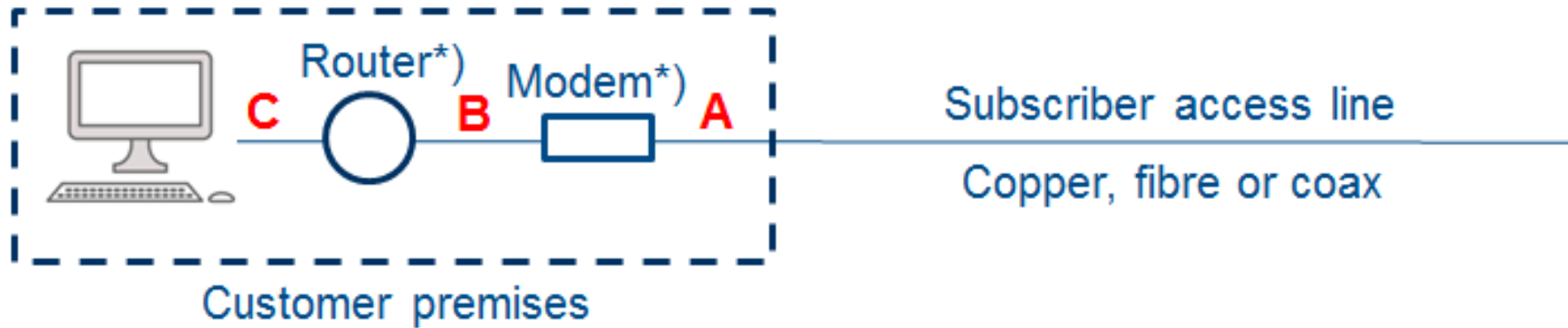
Why
is Router
Freedom
in Danger?

NTP: The new battleground



Vague rules on European level

Internet access service

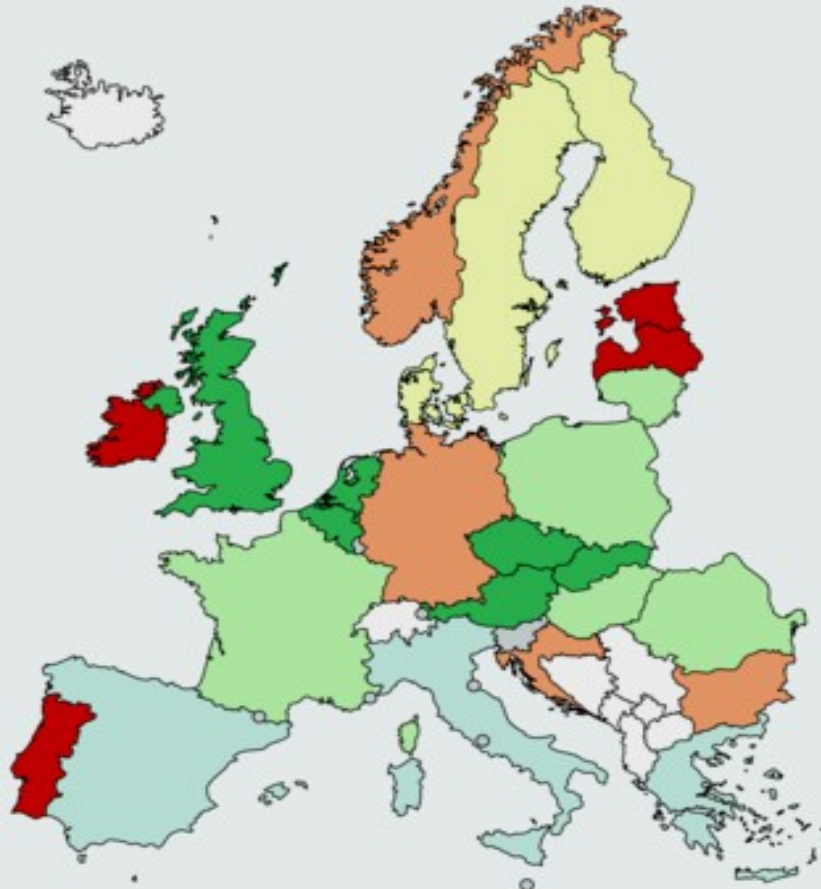


*) In case the NTP is at point A or C, router and modem may be integrated in one device.

Technological necessity
against Router Freedom?

Penalty for violation the Net Neutrality Rules

- Very low (<50.000 EUR)
- Low (<500.000 EUR)
- No fixed amount
- Mediocre (<5.000.000 EUR)
- Good (<3% of the annual turnover)
- Very good (> 3% of annual turnover)
- n.a.



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Bad
monitoring
by National
Regulatory
Authorities

Barriers imposed by ISPs

Soft barriers

- ISPs do not inform customers their right to use their own routers.
- ISPs manipulate users through their customer support in favor of ISPs' routers.
- ISPs advertise their routers as the only ones compatible with the public network.
- ISPs impose disproportionnal disadvantages to users for using their own router.



Hard barriers

- Customers are forbidden to use another router by contract.
- ISPs do not provide users the login data to public network.
- ISPs use non-standard plugs or proprietary protocols.
- No technical support provided by the ISPs.

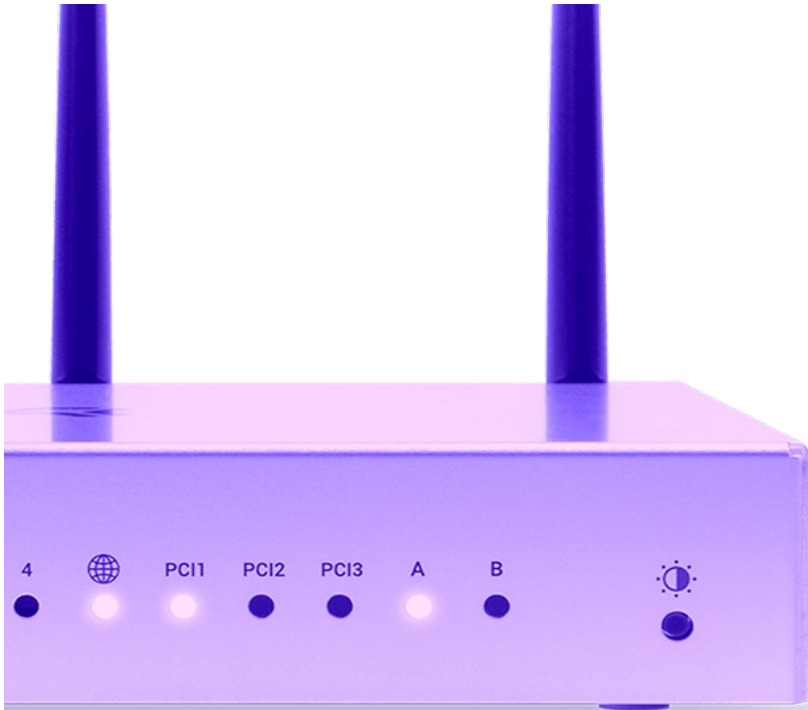


- Contact your ISP
- Ask if you can use your own router
- Tell me the results

What you can
do to help?

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Thank you!
Questions?



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Router sensual models – Turris Website :)