

# Internet Technical Success Factors

The background of the slide features a stylized globe in shades of blue. Overlaid on the globe is a network of glowing white nodes connected by thin, light blue lines, representing a global internet or data network. The overall aesthetic is high-tech and digital.

[www.lacnic.net](http://www.lacnic.net)



# LACNIC

# ¿Internet Technical Success Factors?

---

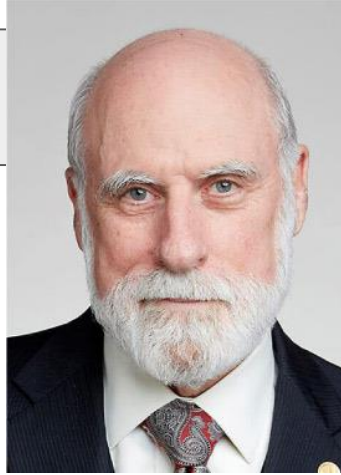
**IDEALS**



**DESIGN PRINCIPLES**

# Internet Guiding Ideals

Vint Cerf



Bob Kahn

## IDEALS

Openness

Simplicity

Decentralization

## IDEALS

Openness

Simplicity

Decentralization

## DESIGN PRINCIPLES

Layers

Network of networks

End-to-end

# IDEALS

Openness

Simplicity

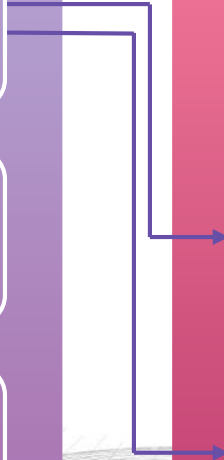
Decentralization

# DESIGN PRINCIPLES

Layers

Network of networks

End-to-end



## IDEALS

Openness

Simplicity

Decentralization

## DESIGN PRINCIPLES

Layers

Network of networks

End-to-end



# IDEALS

Openness

Simplicity

Decentralization

# DESIGN PRINCIPLES

Layers

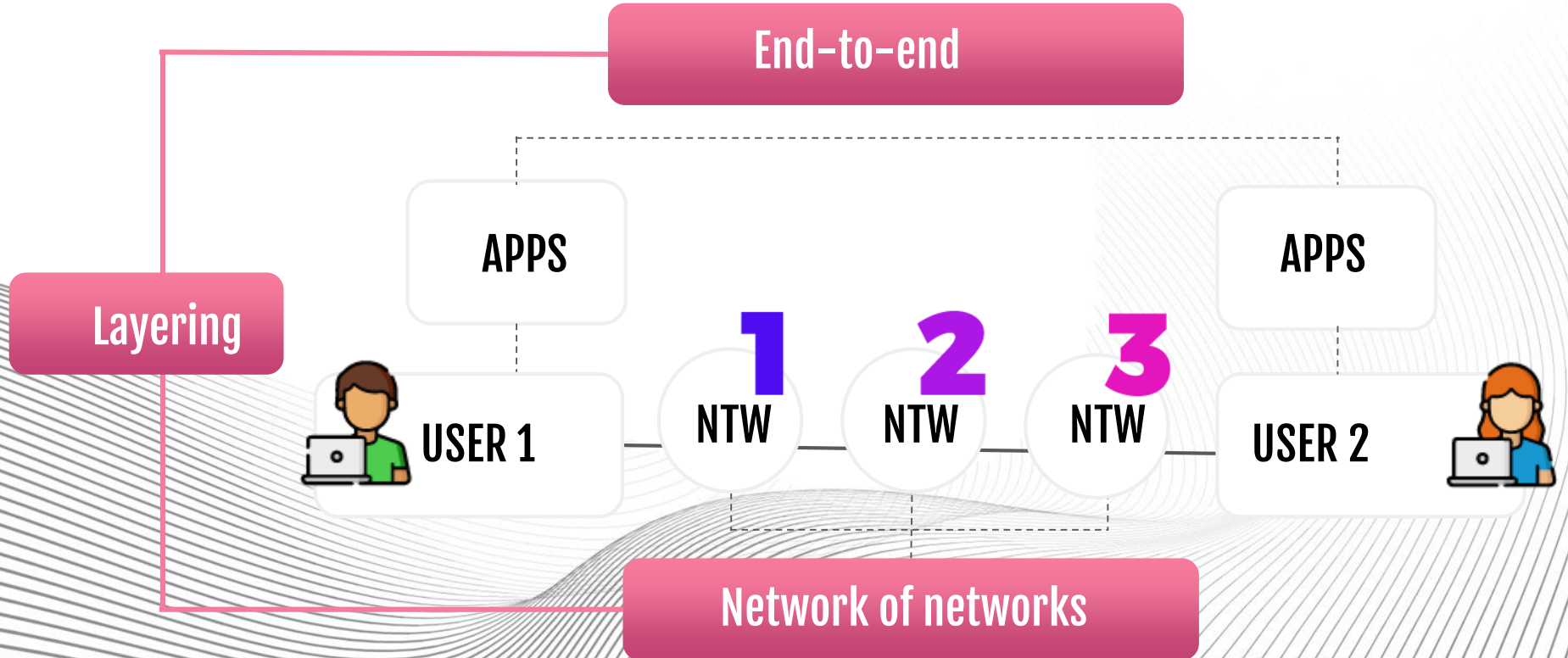
Network of networks

End-to-end





# Design principles

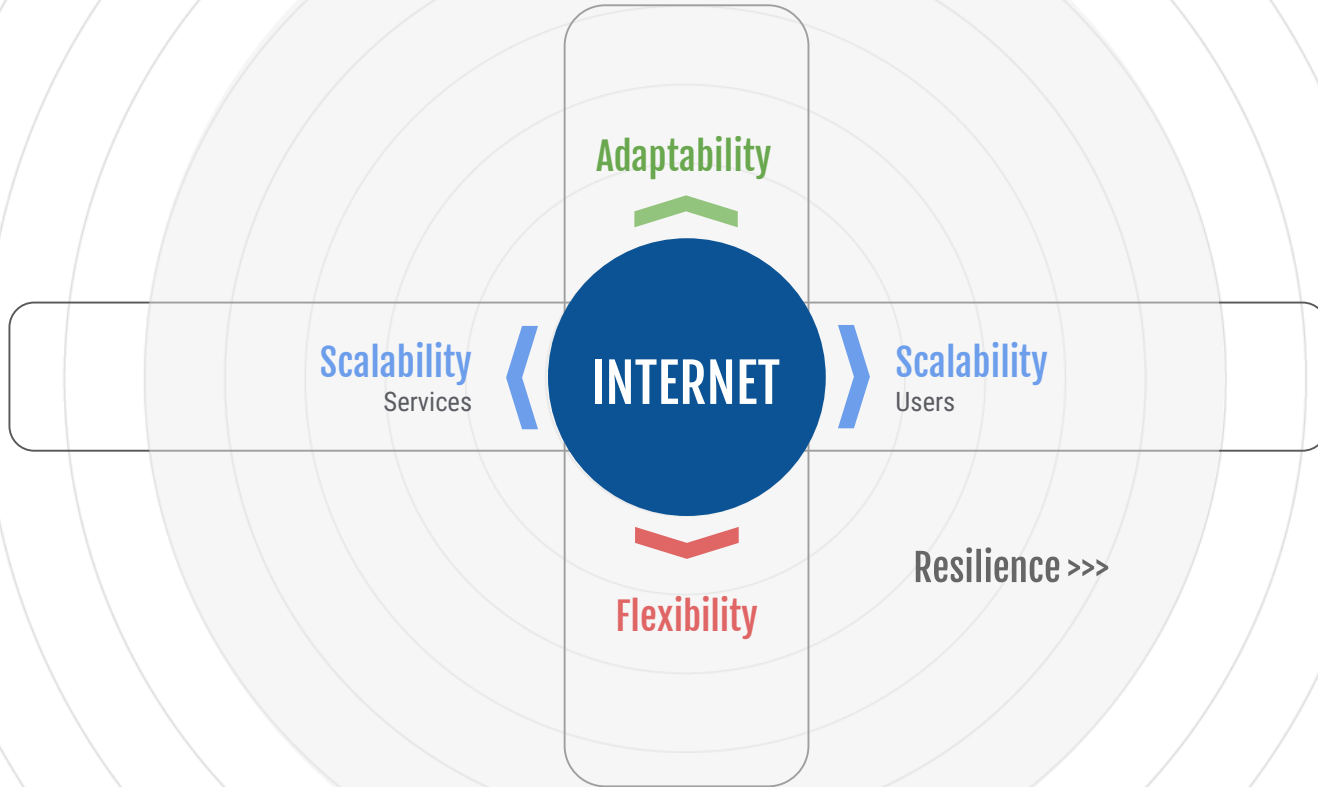


# Dimensions of success

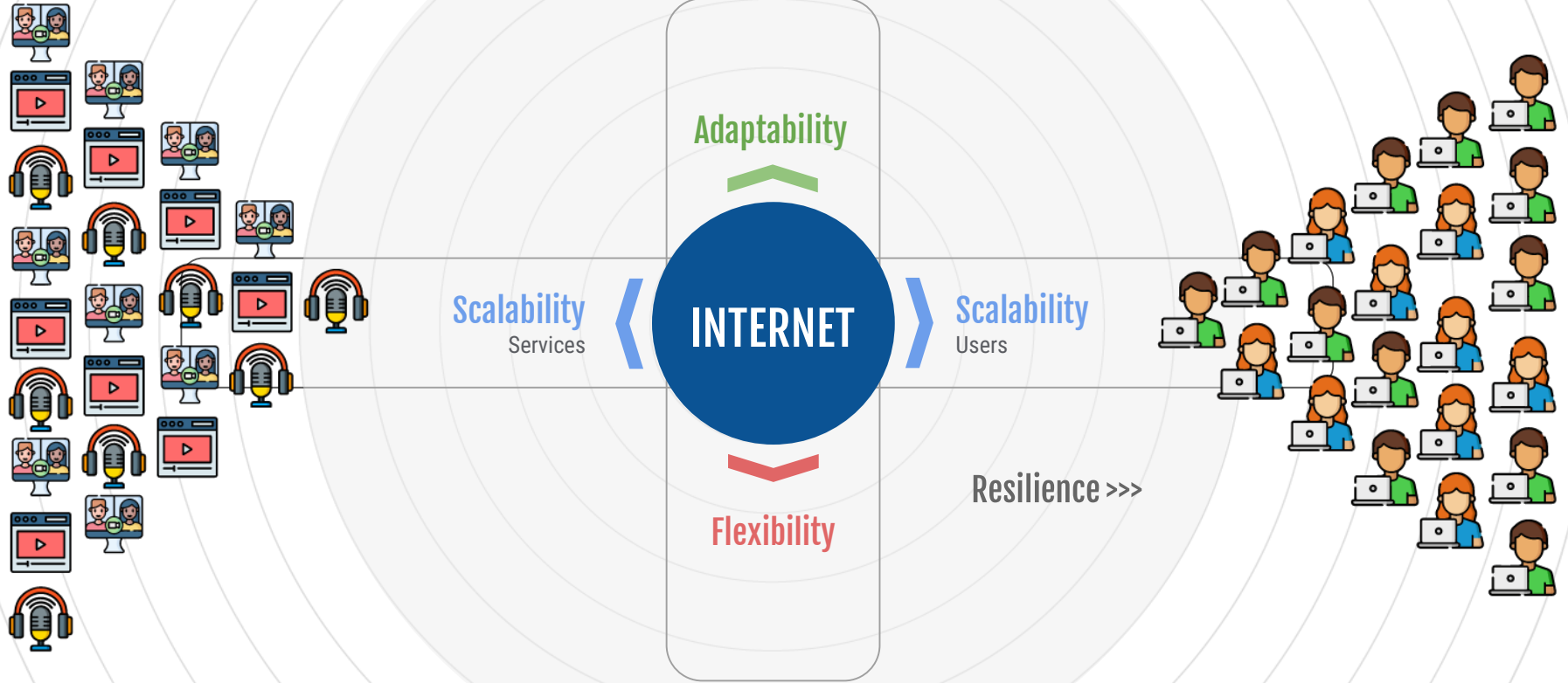
---

**In what dimensions are these Design Principles contributing?**

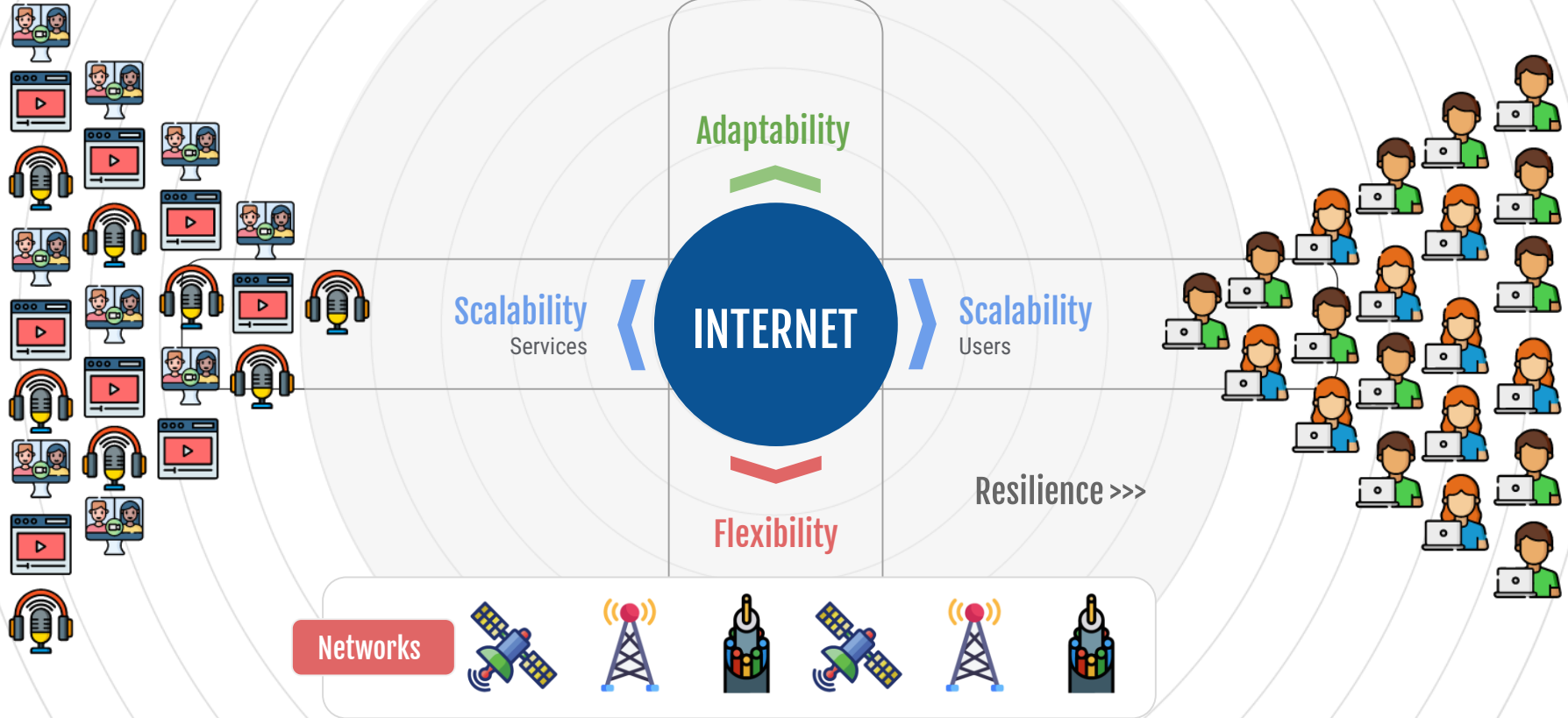
# Dimensions of success



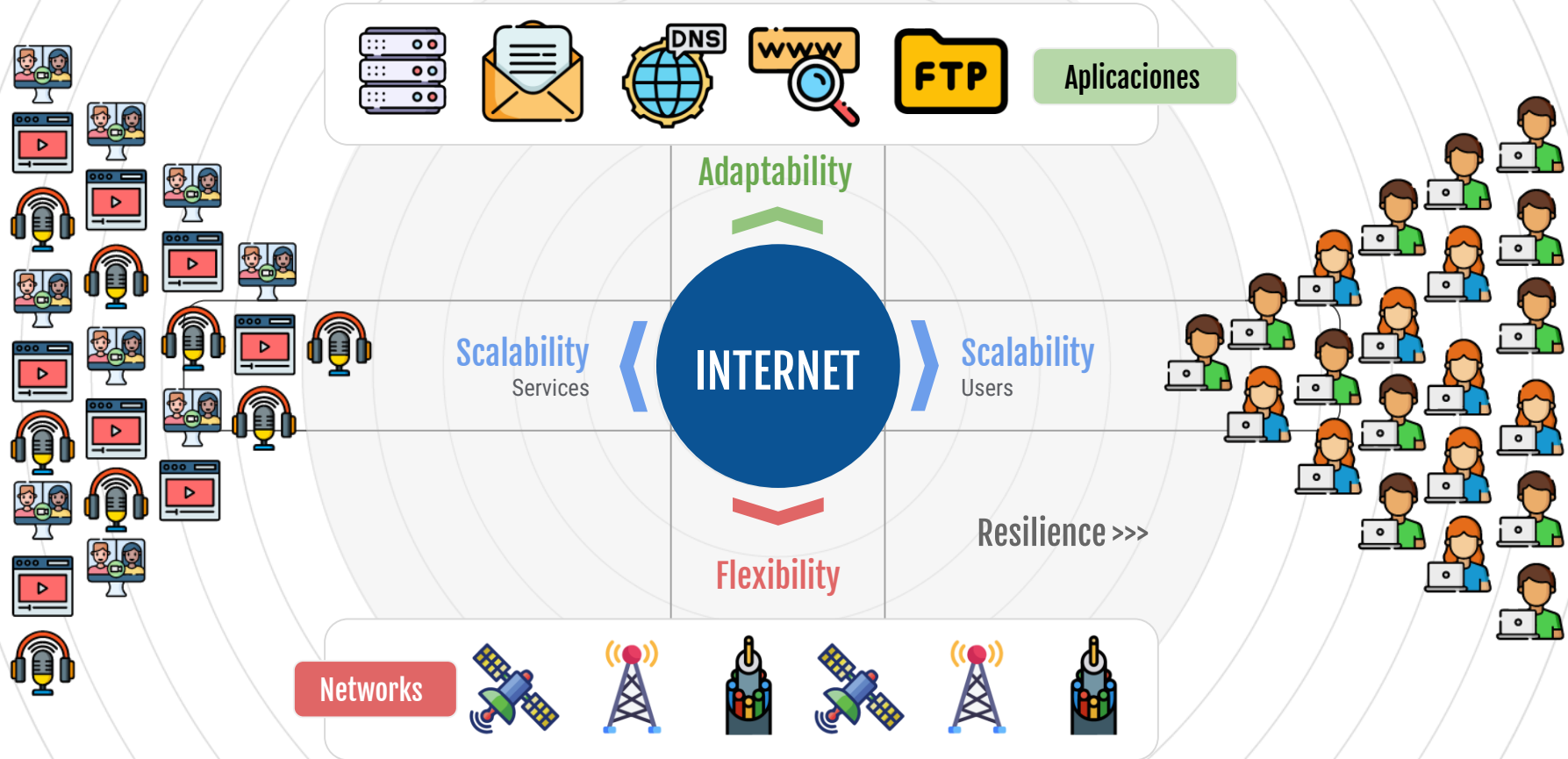
# Dimensions of success



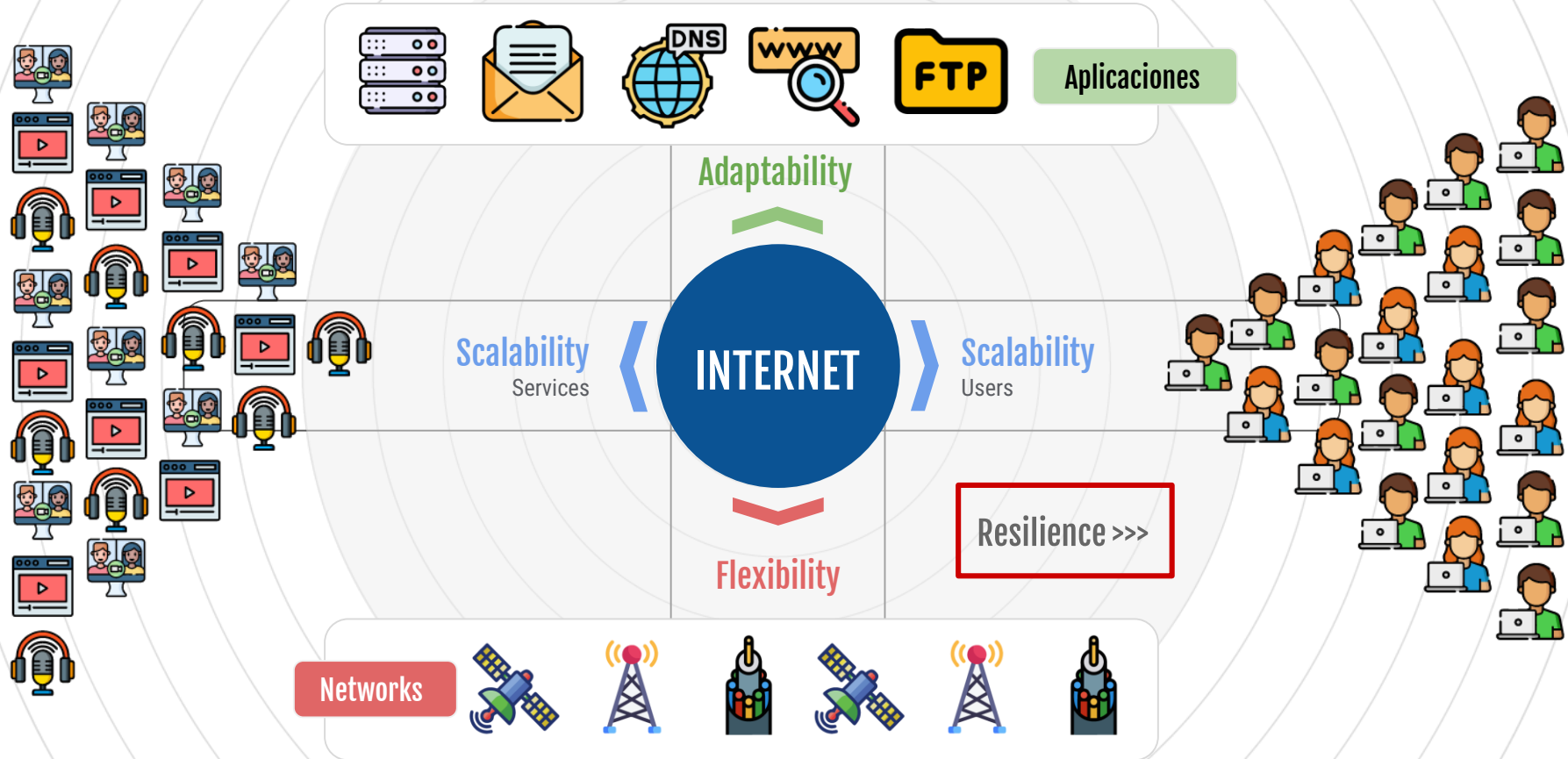
# Dimensions of success



# Dimensions of success



# Dimensions of success





# Conclusions of the study

---

- The success of the Internet has made it the **world's most important system for connecting people and sharing information.**
- The Internet's design principles mean that **anyone can connect and use it** to distribute any type of content.
- As the Internet evolves, we believe **it is important to recognize and preserve these guiding ideals and design principles** that contributed to its dimensions for success.



# Conclusions of the study

---

Any proposal involving radical changes to the Internet should be evaluated in the context of its ability to maintain its dimensions of success.

**SCALABILITY | FLEXIBILITY | ADAPTABILITY | RESILIENCE**

# About the study

**Done by  
Analysys Mason:**

Global consulting firm  
specializing in  
telecommunications,  
media and technology..



**Commissioned by:**



**It has contributions from:**

Vint Cerf, Alissa Cooper, Steve Crocker, Paul Gampe, Geoff Huston, Olaf Kolkman, Danish Lakhani, Xing Li, Yoshinobu Matsuzaki, Ricardo Person, Onno Purbo, Alvaro Retana, Andrei Robachevsky, Steve Song, Michael Stanton and Dirk Wolter.

## About the study

---

<https://www.lacnic.net/internetstudy>





# THANK YOU

[www.lacnic.net](http://www.lacnic.net)