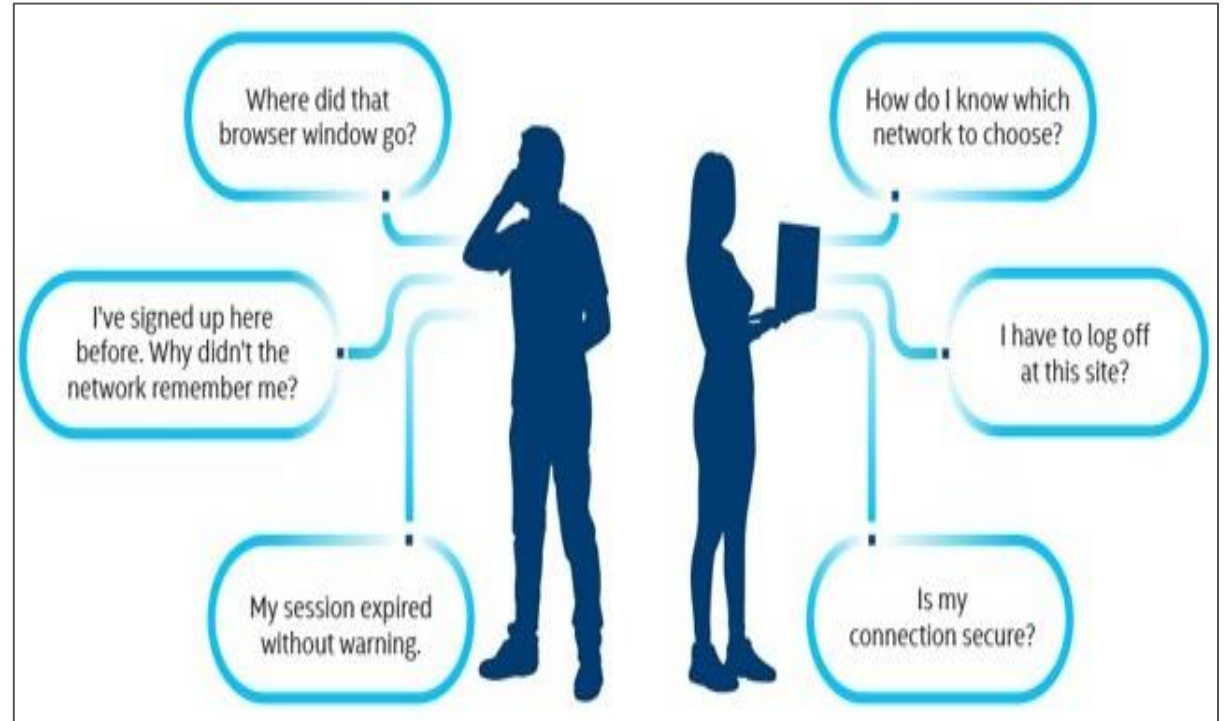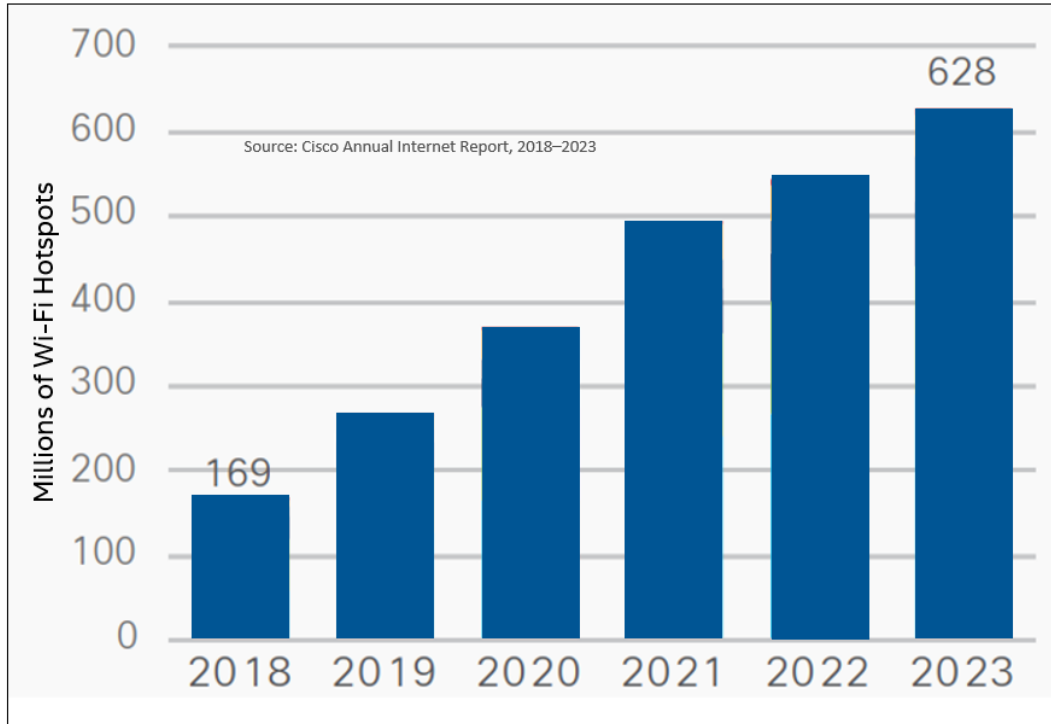Innovation Forum

OpenRoaming Roundtable

Dr. Necati Canpolat

intel.

Wi-Fi Hotspots – Opportunities and Challenges

Hundreds of millions of public Wi-Fi networks to connect to around the world

OpenRoaming™=
"One Global Network
of Wi-Fi Networks"

Simple, Seamless, and Secure Wi-Fi connectivity with global scale!
No Searching for networks, no sharing passwords, secure, privacy protected, standards based!

intel.

WBA OpenRoaming™ is a framework that brings together key capabilities to create the federation and enables it to scale and work on a global basis.
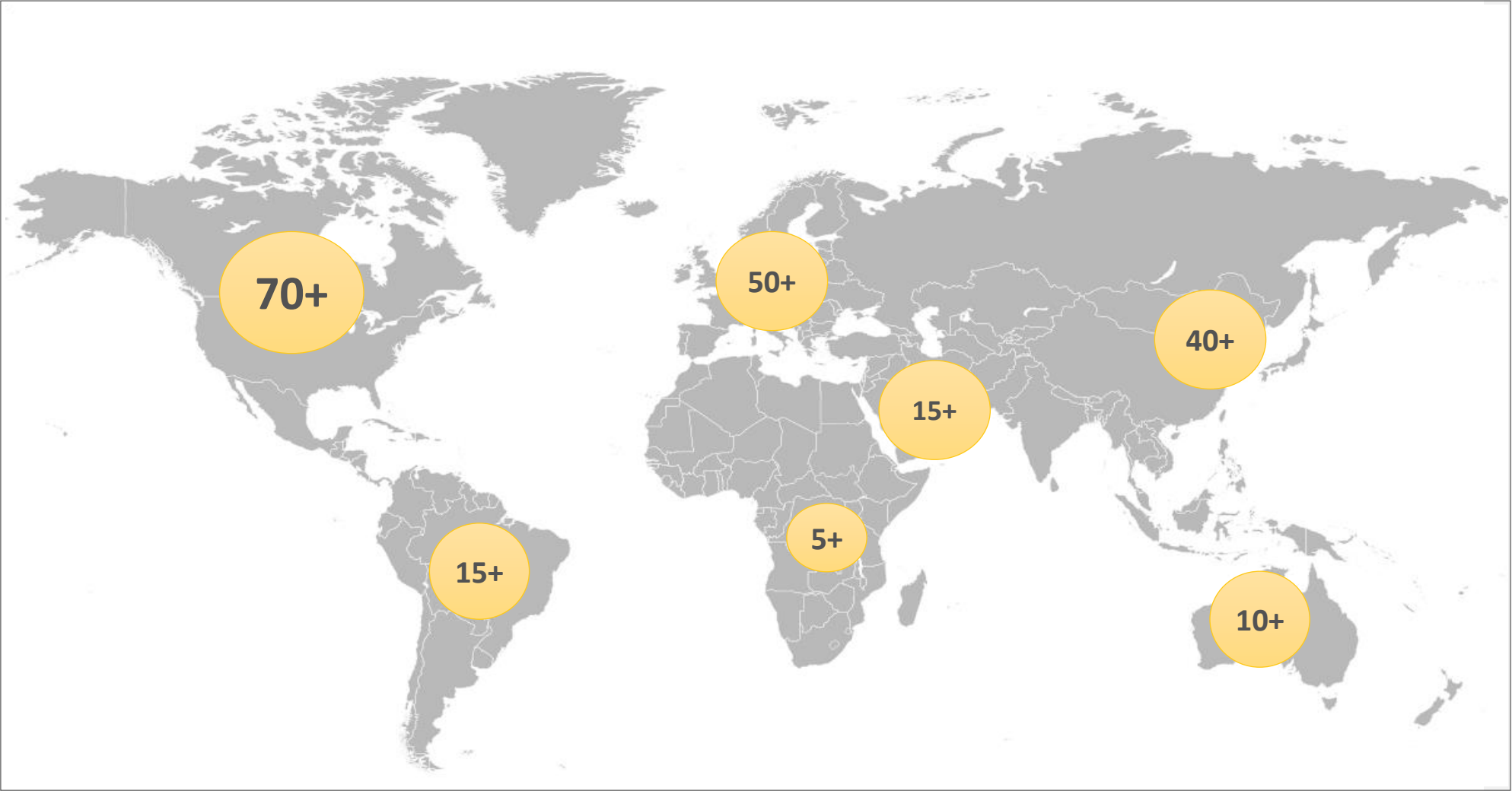

WBA OpenRoaming™ Identity Providers

- Mobile Operators
- Cable Operators
- ISPs
- Brand-Loyalty Programs
- Device-Chipset Manufacturers
- Internet & Social Media Providers
- Other Public-Guest Wi-Fi Providers

WBA OpenRoaming™ Wi-Fi Network Providers

- Operators
- Hospitality & Convention Centers
- Airports & Transportation
- Education & Cities & Governments
- Retail & Restaurant & Coffee-shops
- Sports Stadium & Arenas
- Corporate Offices & other Public-Guest Wi-Fi Venues

OPENROAMING™
WIRELESS BROADBAND ALLIANCE
ECOSYSTEM POLICY AUTHORITY

- CERTIFICATE POLICY & MANAGEMENT
- OPERATED CLOUD FEDERATION
- POLICY ENABLED FEDERATION

JOIN

JOIN

Automatic and secure authentication

Enable customers with credentials to connect to millions of Wi-Fi Networks

Enable Wi-Fi networks to receive millions of customers

intel

4

OpenRoaming Global Status

OPENROAMING™
WIRELESS BROADBAND ALLIANCE

~250

Companies, Cities, Enterprise involved

+120%

CAGR

intel

Pioneer Deployments

non exhaustive

OPENROAMING™
WIRELESS BROADBAND ALLIANCE

+1000

Live Networks across the Globe
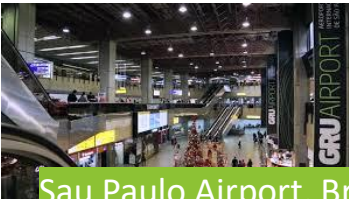
Cityroam, Japan

WiFI4EU

Chaudfontaine, Tervuren , Oostkamp, Olne, Belgium

Spanish Cities & Islands, (Barcelona and Valencia)

Canary Wharf, London

Sau Paulo Airport, Brazil

London Stadium

City of Austin, 6th Street

Adventist Health

San Jose State University, USA

Westfield Malls

CEFCU (San Jose Stadium)

Provide seamless and secure roaming across different municipalities, with fast and reliable authentication

WBA OpenRoaming Overview

https://wballiance.com/openroaming/

WBA OpenRoaming Masterclasses – Benefits for Communities, How to deploy, Security, Privacy and Legal Framework

https://wballiance.com/ccf-2021-openroaming-masterclass-series/