

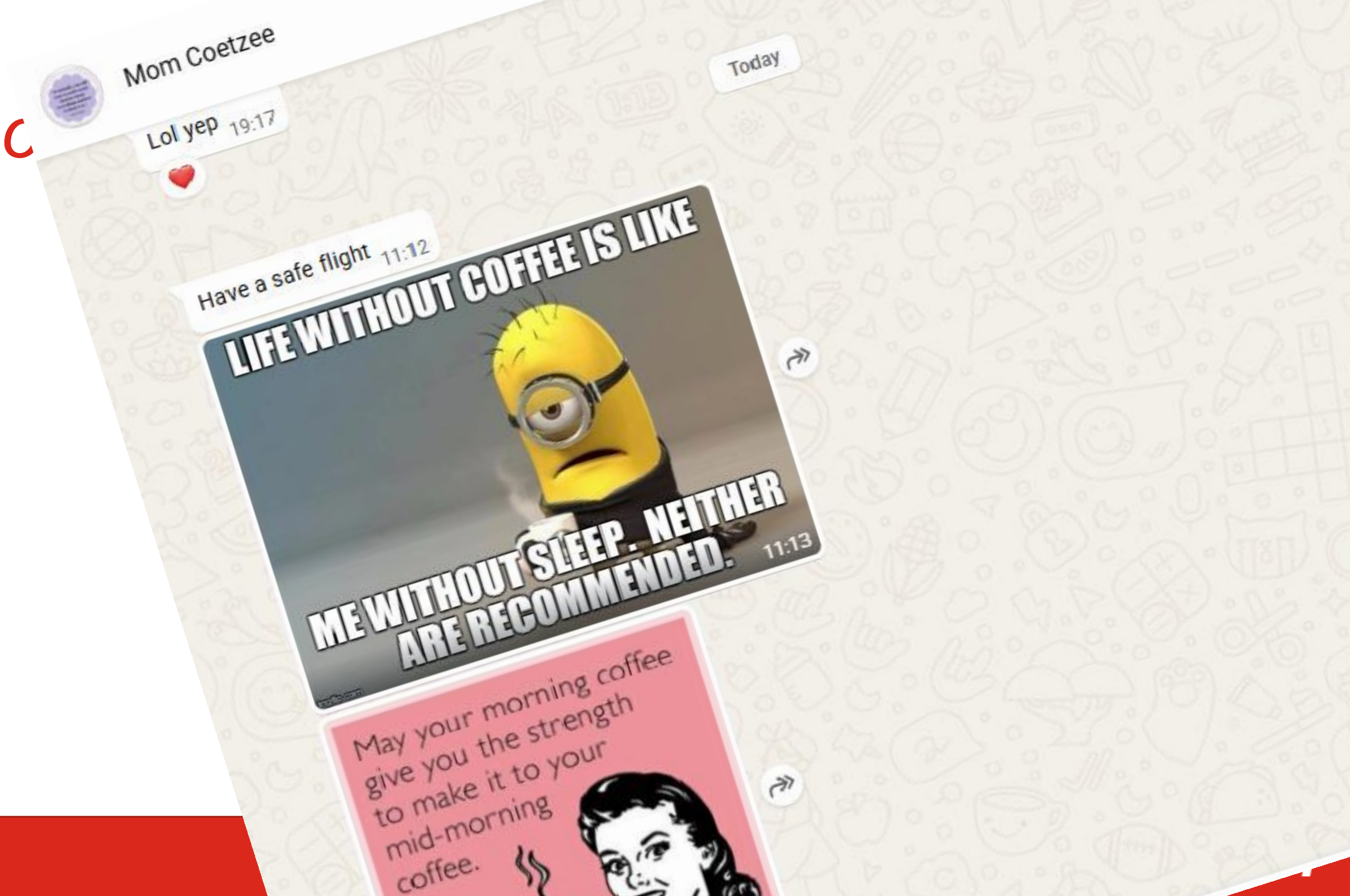
eduroam: it's what we make of it

Donald Coetzee, TENET
SABEN Connects 2026

Norway, 2018



Impc

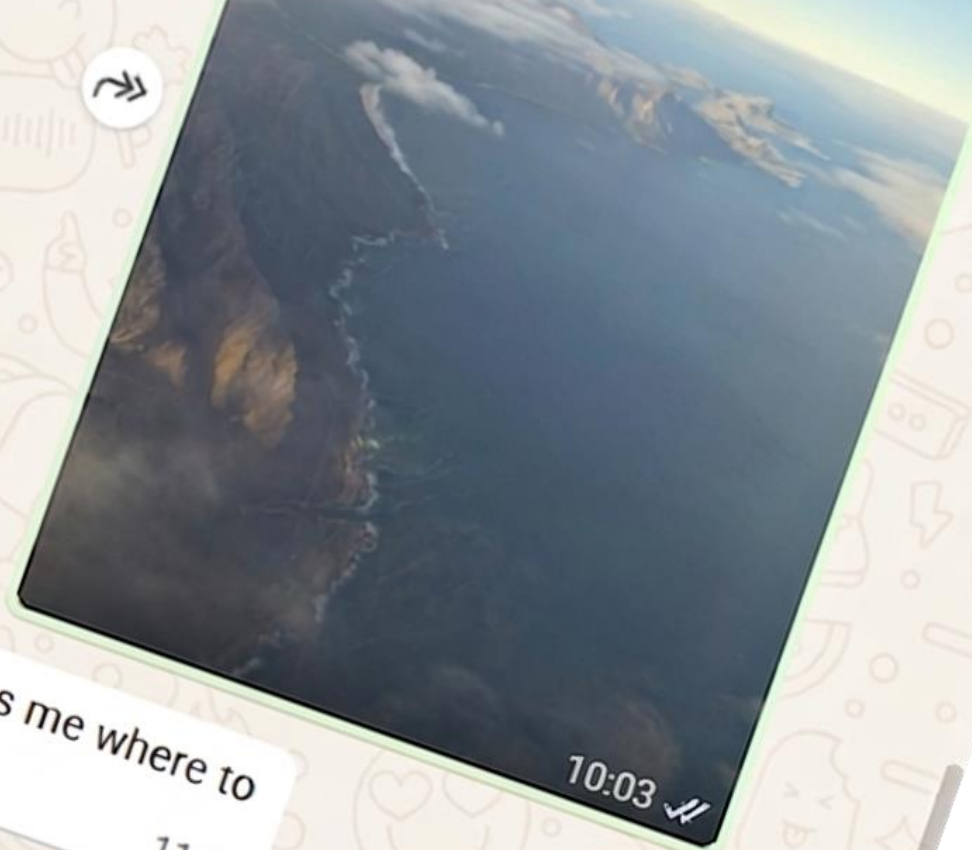


Fast
local

My printer is possessed! each time I print, it asks me where to
save a PDF???

thx...how was your flight? 11:43

stop selecting print to pdf 🗑️ 11:43 ✓✓

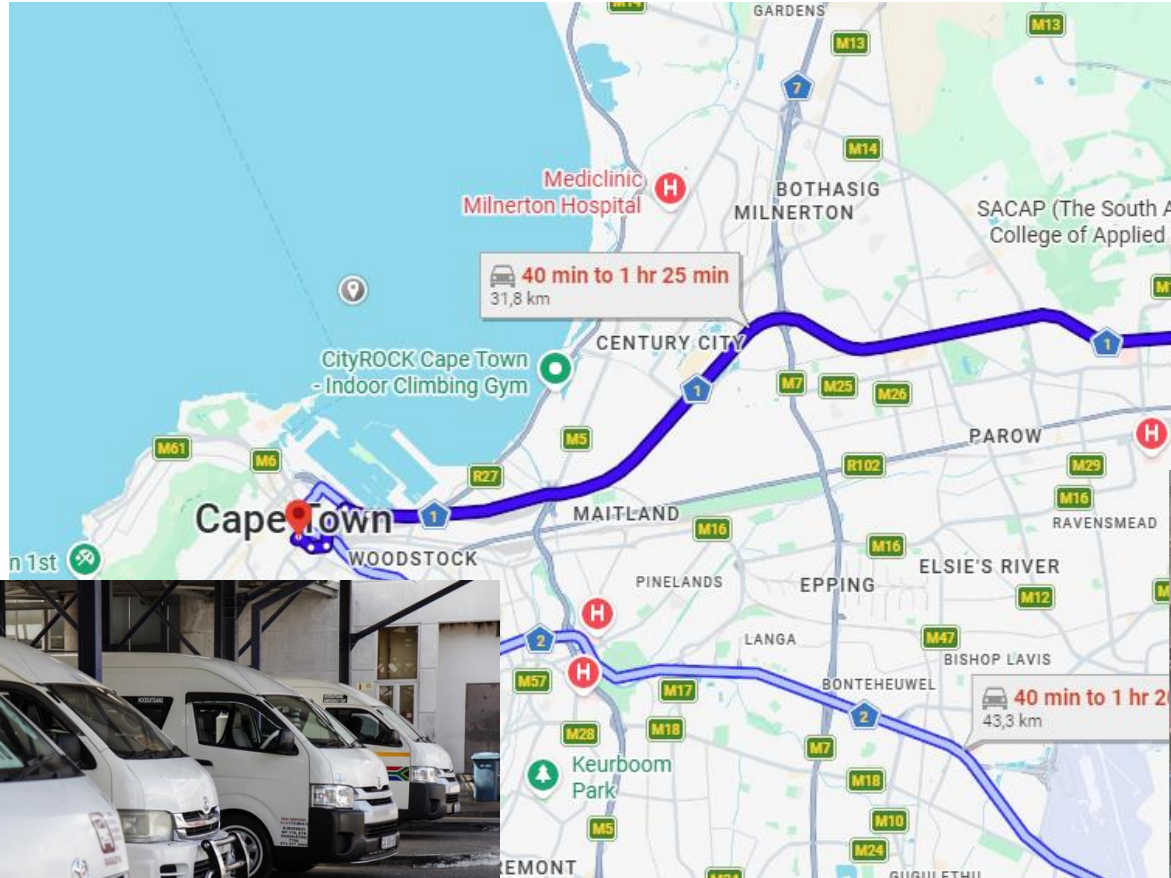


If it 'saved' me twice, what can it do for the community we serve?



Images sourced: <https://tvetpapers.co.za/tvet-colleges/>

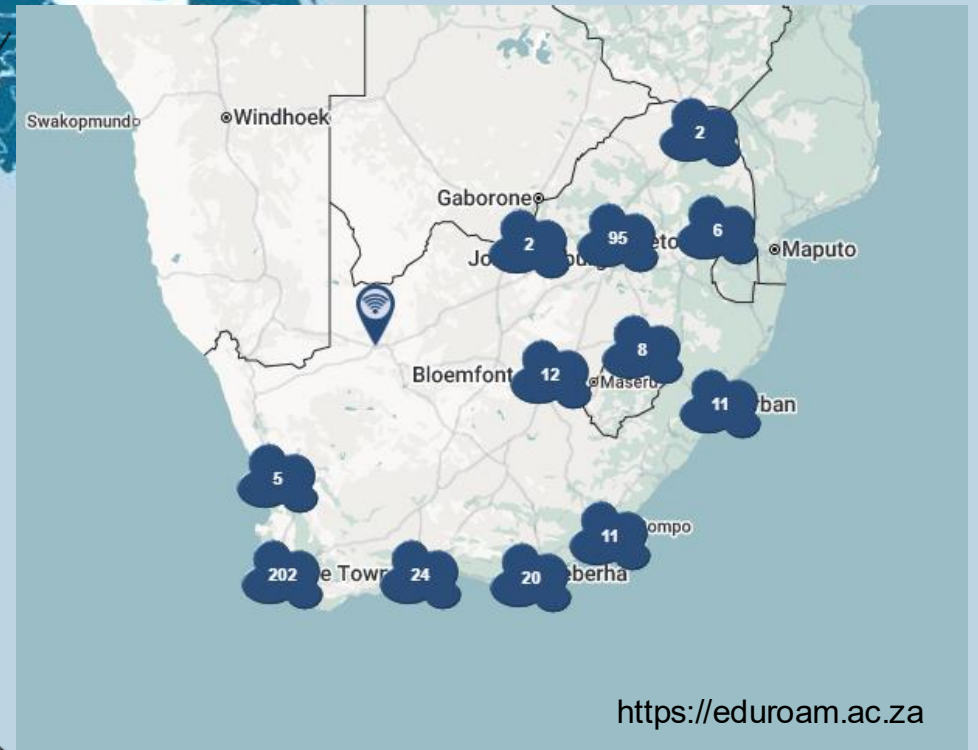
What can go wrong on any given day



What is eduroam?



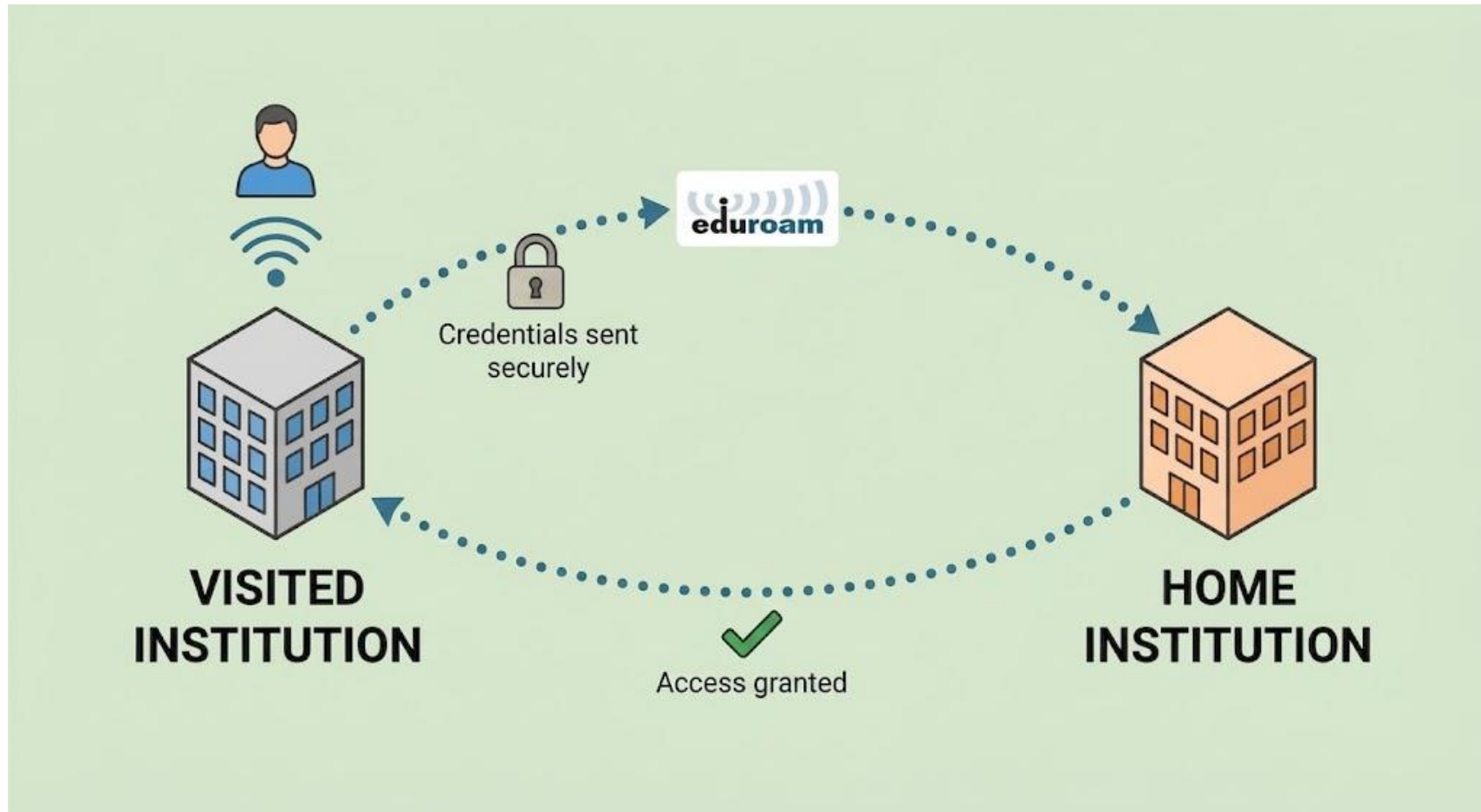
106
territories



<https://eduroam.ac.za>

<https://eduroam.org>

But, how?



The old way vs the eduroam way

The old way	The eduroam way
Ask reception or IT for guest Wi-Fi access	Device recognises the network automatically
Get handed a voucher, or a shared password everyone uses; and is perhaps widely shared	Log in with your own institution's credentials. Not a shared Pre-Shared key without accountability.
Fill in a form: name, ID number, email, just to browse: dishing out some lovely PII	Built to be privacy preserving
Access can be time-limited, and thus expires after a few hours	Connected before you've even sat down
The Same struggle if you visit other institutions	Strives to make the experience the same at every eduroam site, worldwide

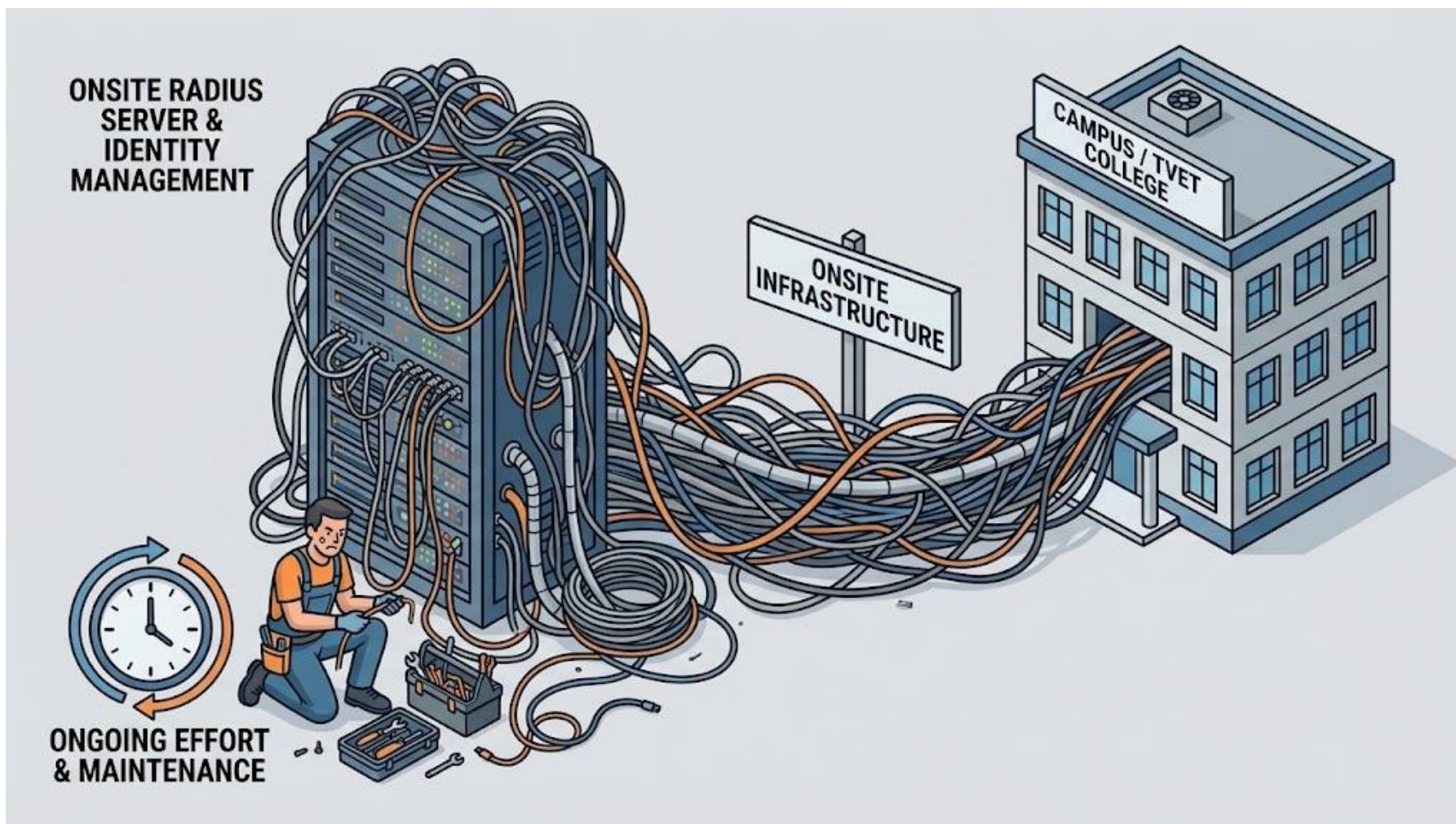
Why it matters for TVETs

- A student who couldn't make it to campus today can still reach a nearby institution, a library, or another connected site, and get online
- Principals and management travelling for their college or sector meetings.
- Staff visiting other colleges for training, moderation, or meetings, connected on arrival
- Students on placement at another institution or facility, same access as at home campus
- One login already carries across every eduroam site your staff and students will ever visit
- No more “What’s the Wi-Fi password?”

Two problems, not one



The traditional route, Is it a barrier?

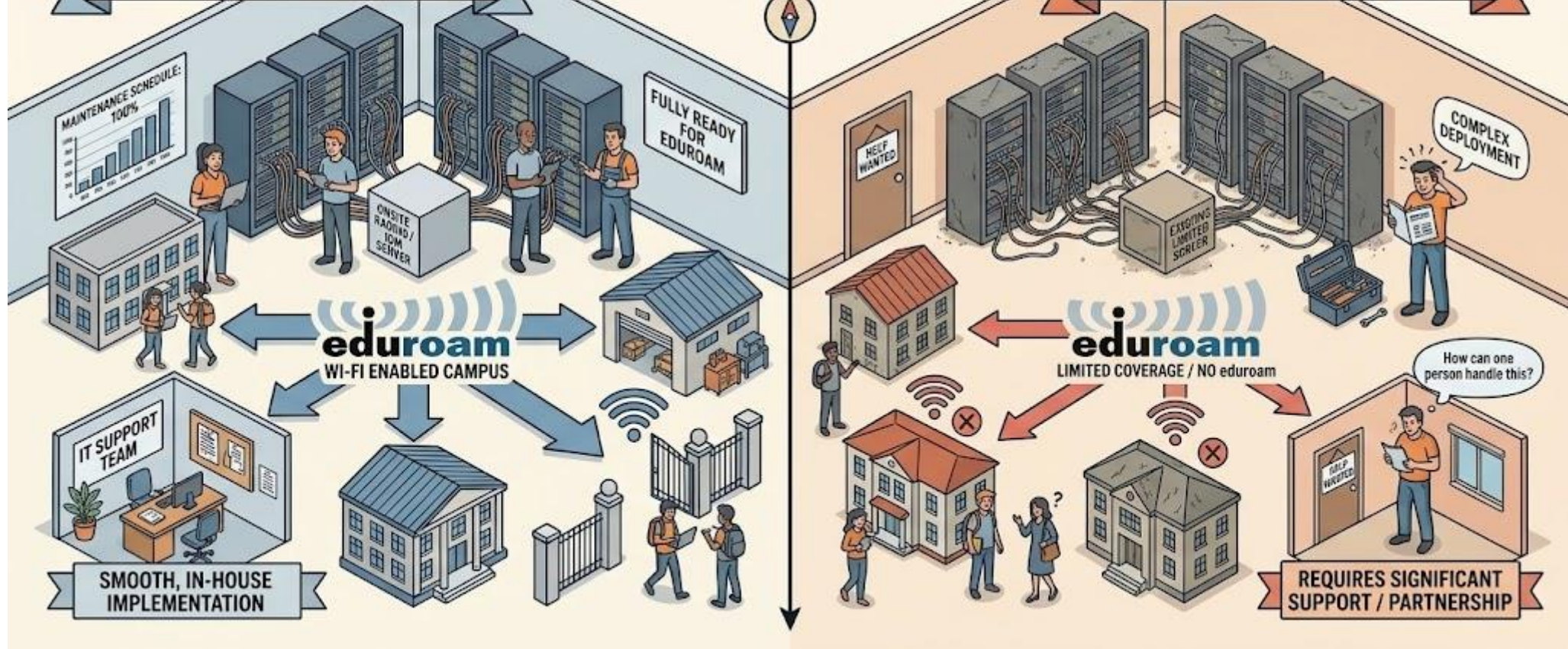


DIVERSITY IN TVET COLLEGES: PREPARING FOR EDUROAM DEPLOYMENT

RESOURCE-RICH CAMPUS
(HIGH IT SKILL & INFRASTRUCTURE)

NOT ALL COLLEGES ARE THE SAME

RESOURCE-CONSTRAINED CAMPUS
(LIMITED IT SKILL & INFRASTRUCTURE)



Lowering the Authentication barrier: *geteduroam*

MANUAL SETUP



geteduroam

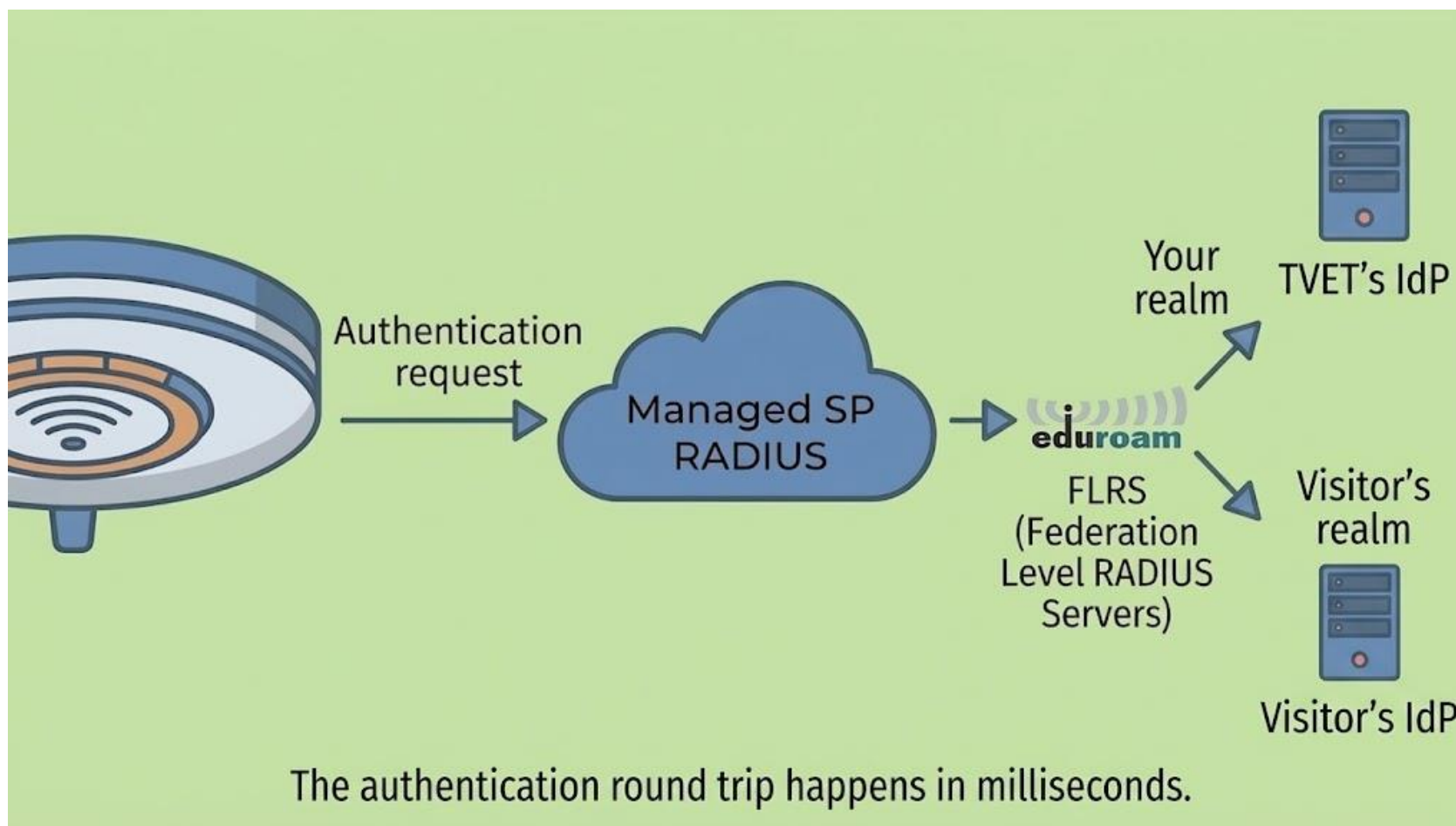


VS

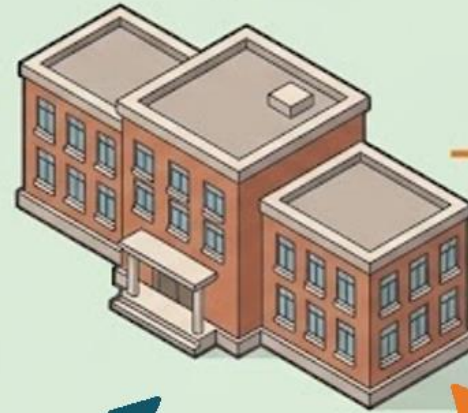
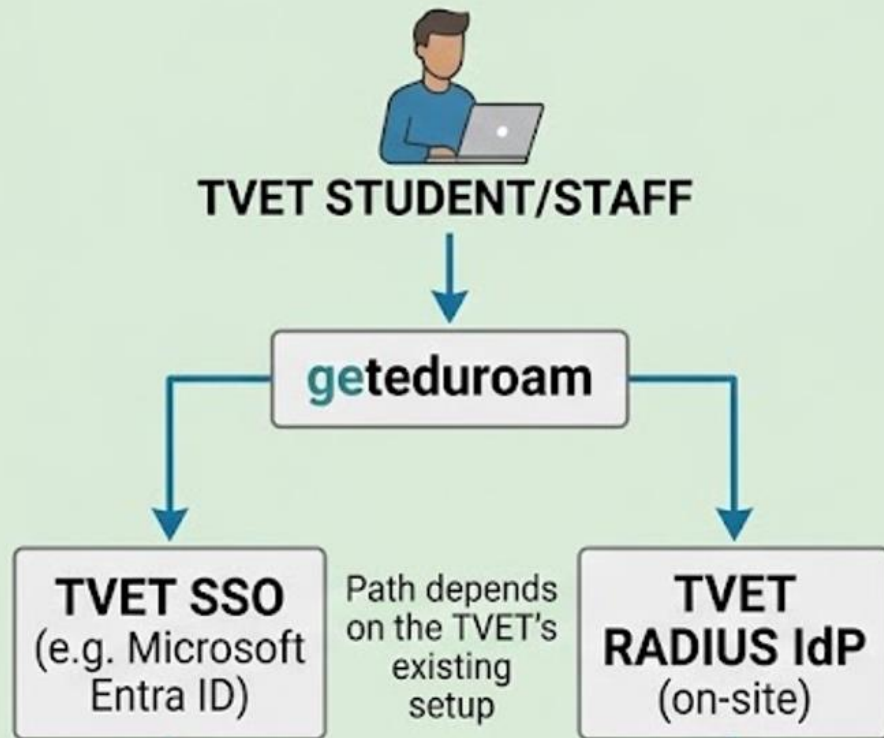
<https://app.geteduroam.org>
<https://www.geteduroam.app/>



Lowering the SP barrier: Managed SP

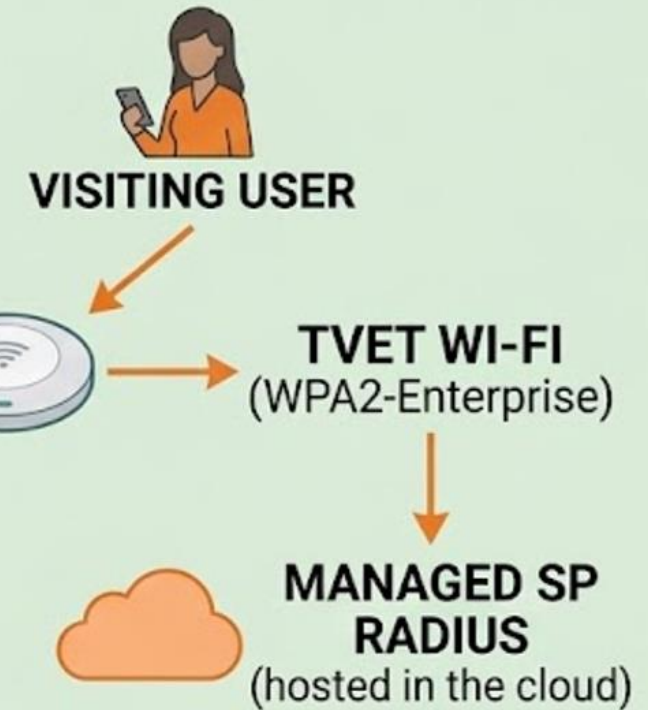


HOME INSTITUTION: YOUR USERS



TVET College

VISITED INSTITUTION: EVERYONE ELSE



The same Wi-Fi and RADIUS setup handles both your own users and visitors, whether hosted on-site or as a Managed SP.



Thank you

Interested in learning more about how you can eduroam?

Reach out to our colleagues at SABEN:
support@saben.ac.za or mark@saben.ac.za