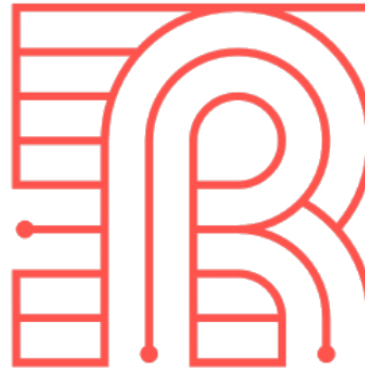


Community Cellular Networks in Mexico



R H I Z O M A T I C A

Community-owned & operated cellular networks

16 networks, 35+ localities, ~3000 users

daily

Operates with a Social-Indigenous concession

4+4 MHz of GSM 850 spectrum

Organized as a non-profit, membership assoc.

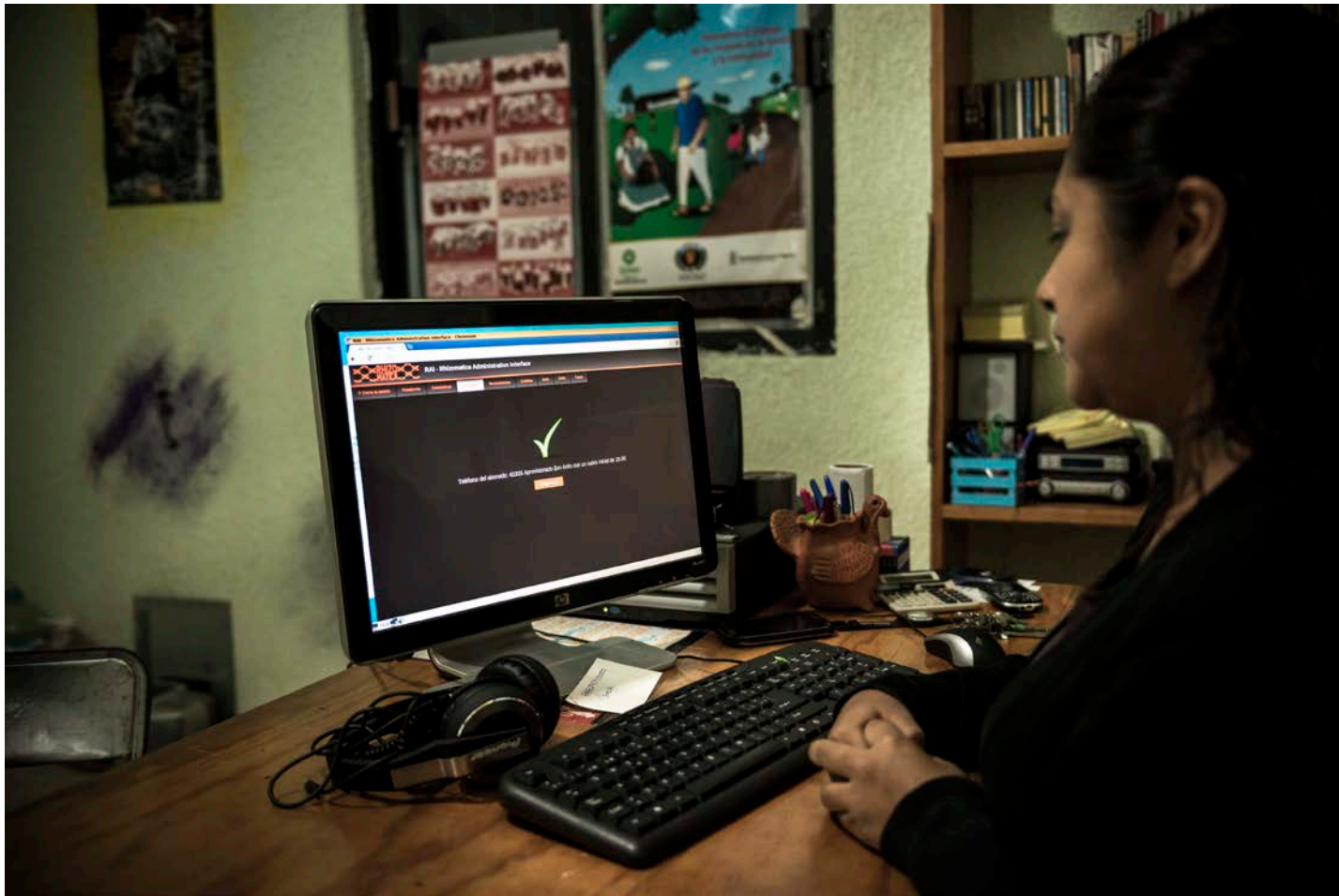




Low-cost hardware based on SDR

Open-Source software: GSM and Network Management
Github.com/rhizomatica

Sustainable locally-managed service provided for \$2.50
USD/mo. VoIP rates for long-distance



Key Takeaways and Lessons

Spectrum access is crucial

Skin in the game: Local money and resources and involvement of people in service provision

Backhaul quality and accessibility is a challenge

Insanity: doing the same thing over and over again and expecting different results

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