



An Open Letter to Elon Musk:

Starlink Brings the Pipe, iAX the Intelligence & ChasquiRouter Delivers the last meter Content

Dear Elon,

We are already there. While the world talks about connecting the next billion people, we have quietly built and deployed a sovereign offline (online on demand) educational system that is already working in **4,000 Peruvian schools classrooms** — and ready for massive upgrade to install our new prototype with iAX Grok inside.

We call it ChasquiRouter v32. It is unique in its kind.

A low-cost, recycled router from the last century transformed into a powerful offline server. Its core is a highly optimized software written to read **ZIM files like Kiwix-Serve**, running on a **32 MB MIPS** processor that was supposed to be obsolete. It functions as a **local CDN** (Content Delivery Network). It serves full Wikipedia, Khan Academy, 60,000 books, and thousands of hours of educational content in Spanish, Quechua and all foreign languages — all stored locally, all running 24/7 without needing permanent internet.

Jarvis Included: The system comes with **iAX Grok**, our trained educational version of Grok, acting as a personal tutor available offline for every student.

By applying circular economy principles with recycled routers, each ChasquiRouter v32 avoids the manufacturing of a new device and significantly reduces its carbon footprint. According to our calculations, every recycled unit deployed saves approximately **87 kg of CO₂** equivalent throughout its lifecycle (avoided manufacturing, transportation, and final disposal). If we successfully deploy the v32 in **70,000 Peruvian schools**, we will prevent the emission of roughly **6,090 tons of CO₂** — the equivalent of planting more than 300,000 trees or taking approximately 1,300 cars off the road for one year. This is a concrete example of how sovereign technology not only connects the forgotten, but also helps protect the planet.

The v32 does not compete with Starlink. It completes it. When internet is detected, it automatically updates its content in the background (asynchronous mode). When there is no connection, it continues serving everything locally at full speed, with Jarvis ready to teach. One Starlink terminal per village + multiple ChasquiRouters in the surrounding schools creates a **powerful hybrid offline-first system** that is affordable for countries like Perú, resilient, and truly sovereign. This is not theory.

While the world celebrates global connectivity, more than **4 billion people** — nearly half of humanity — still live without any realistic chance of reliable internet access, electricity or hardware. These are the forgotten millions: **children in remote villages** and isolated communities where traditional infrastructure will never arrive at an affordable cost. For them, Starlink and other satellite solutions, although powerful, remain **economically unsustainable** due to recurring monthly fees and the need for constant signal and lack of hardware.



ChasquiRouter v32 was designed precisely for this reality. It delivers thousands of selected books and an **offline AI tutor** (iAX Grok) without requiring permanent internet — working 24/7 as a local sovereign server at a fraction of the cost. The 4 billion forgotten do not need perfect connectivity. They need immediate access to knowledge, even when the internet is absent. With our **educational social network** and content platform already installed at <https://educa.chasquirouter.com>, and **Milenial TV** — www.milenial.news our free-to-air educational television platform covering over 200 local provinces by cable — we support this entire ecosystem by producing and distributing high-quality local content that is automatically synchronized and delivered through the ChasquiRouter network to schools across the country.

TeraFab — your bold initiative to scale AI chip production toward a galactic civilization — must also close the educational last mile gap. The same sovereign, offline AI tutoring and content delivery system we have already deployed in Perú can serve the **4 billion people** currently without meaningful internet access on Earth — creating the **largest addressable market for AI education in human history**. This is not charity. This is the foundational infrastructure needed to raise the next generation of engineers, scientists, and colonists who will help build your Martian cities and expand humanity to the stars. **“You aspire to be a galactic civilization.”** Let me tell you: first we must educate **8 billion** humans on Earth.

We have already deployed in Peruvian schools since 2017, serving tens of thousands of students who previously had no access to quality educational content. Elon, you have repeatedly said your mission is to connect the 4 billion people the world has forgotten. We have built the educational layer — complete with offline Jarvis (our Grok for kids) as tutor — that can help you complete that mission in the hardest places. We are not asking you to buy us. We are not for sale but we can partner you to complete this task in the world. We are offering a complementary solution made in Peru that can accelerate your vision. We are ready to show you the prototype, the numbers, and the real-world results. The 4 billion are waiting.

Let's finish the job together.

Luis H. Cabrejo (Código Nasca)

Founder, ChasquiRouter Inc.

CEO, Milenial TV

Peru, 10-04-2026

PD: By the way, our logo is not a woke statement nor an LGBT flag. It is the flag of Cusco, the ancient capital of the Inca Empire. You can “grok it”.