NINOX

MOBILE UNITS · WOMEN'S HEALTH · BLOOD DONATION · 2024



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Fondo de Paz UT: Itinerant Clinical Complex for Women's Health

Specialized mobile medical infrastructure bringing diagnostics, reproductive healthcare and blood donation services to vulnerable communities.

CLIENT

Fondo de Paz UT

LOCATION

Peace Territories, Arauca, Colombia

YEAR

August 2024

ninoxcorp.com

CLIENT

Fondo de Paz UT

PEACE | PEACE-TERRITORIES | ARAUCA | PDET | MOBILE-HEALTH | BLOOD-BANK | GYNECOLOGY | MAMMOGRAPHY | COLOMBIA | POST-CONFLICT

> *A high social-impact project funded by Fondo de Paz to provide specialized clinical capability to a leading hospital institution in the north-eastern region of the country.*

01

Timely Access for Vulnerable Communities

The need was to reduce risk and isolation for vulnerable communities by guaranteeing timely access to specialized diagnostic and reproductive healthcare services, without forcing women to undertake risky journeys into urban centres.

02

High-End Medical Infrastructure for Complex Territories

The challenge was to design and manufacture high-end medical infrastructure capable of continuous operation under extreme geographical conditions, marked by severely deteriorated road networks and complex public-order environments.



Mobile Blood Bank unit with access ramp deployed and side awning extended, ready to operate in the field.

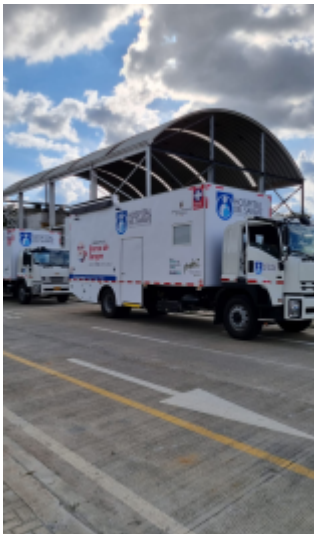


Mobile Gynecological and Mammography unit with white bodywork bearing the Hospital del Sarare institutional graphics and FondoPaz program logos.

03

Mobile Gynecology, Mammography and Blood Donation Units

NINOX fully conceptualised and manufactured a Mobile Gynecology and Mammography Clinic and a mobile blood donation unit. Moving beyond the traditional model of purchasing costly generic imported solutions that often suffer structural failures in local topography, we applied co-design methods with local clinical staff to deliver robust units compliant with national and international healthcare authorisation standards.



Both FondoPaz PDET Arauca program units in formation: the blood bank and gynecological unit, ready to be deployed into the peace territories.



Aerial view of the blood bank unit showing the Medical Mission marking on the roof, visible from the air to ensure the vehicle's protection under International Humanitarian Law.



Unit interior showing medical equipment and clinical storage systems integrated into the NINOX-fabricated bodywork.



Mammography machine installed inside the gynecological unit — the first such equipment to reach rural communities in Arauca.

04

Public Resources Optimised and Validated in Operation

Delivery and commissioning of these units to the full satisfaction of the clinical teams validated the optimisation of public resources through solutions adapted to the realities of the territory.



Side view of the blood bank with awning deployed and entry open, ready to receive donors in the field.

“By taking preventive services directly to remote rural settlements, we demonstrated that custom NINOX engineering is an efficient response for social equity in critical regions.”