

NOKIA

# Broadband Easy

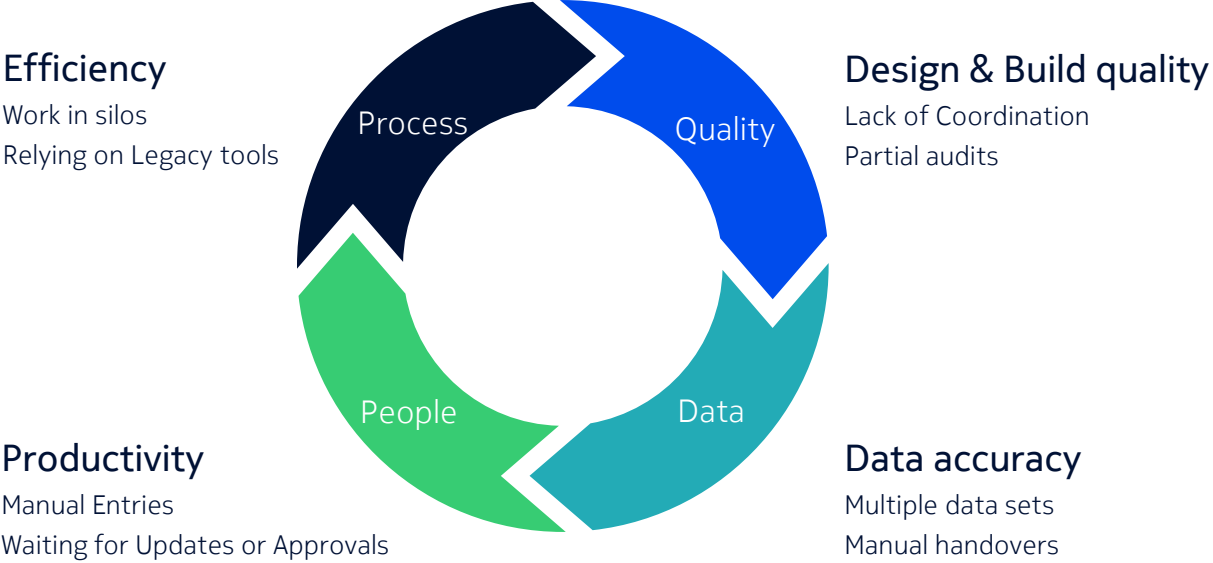
## A Digital Platform for efficient Fiber Rollout

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Get to Fast Faster 2025

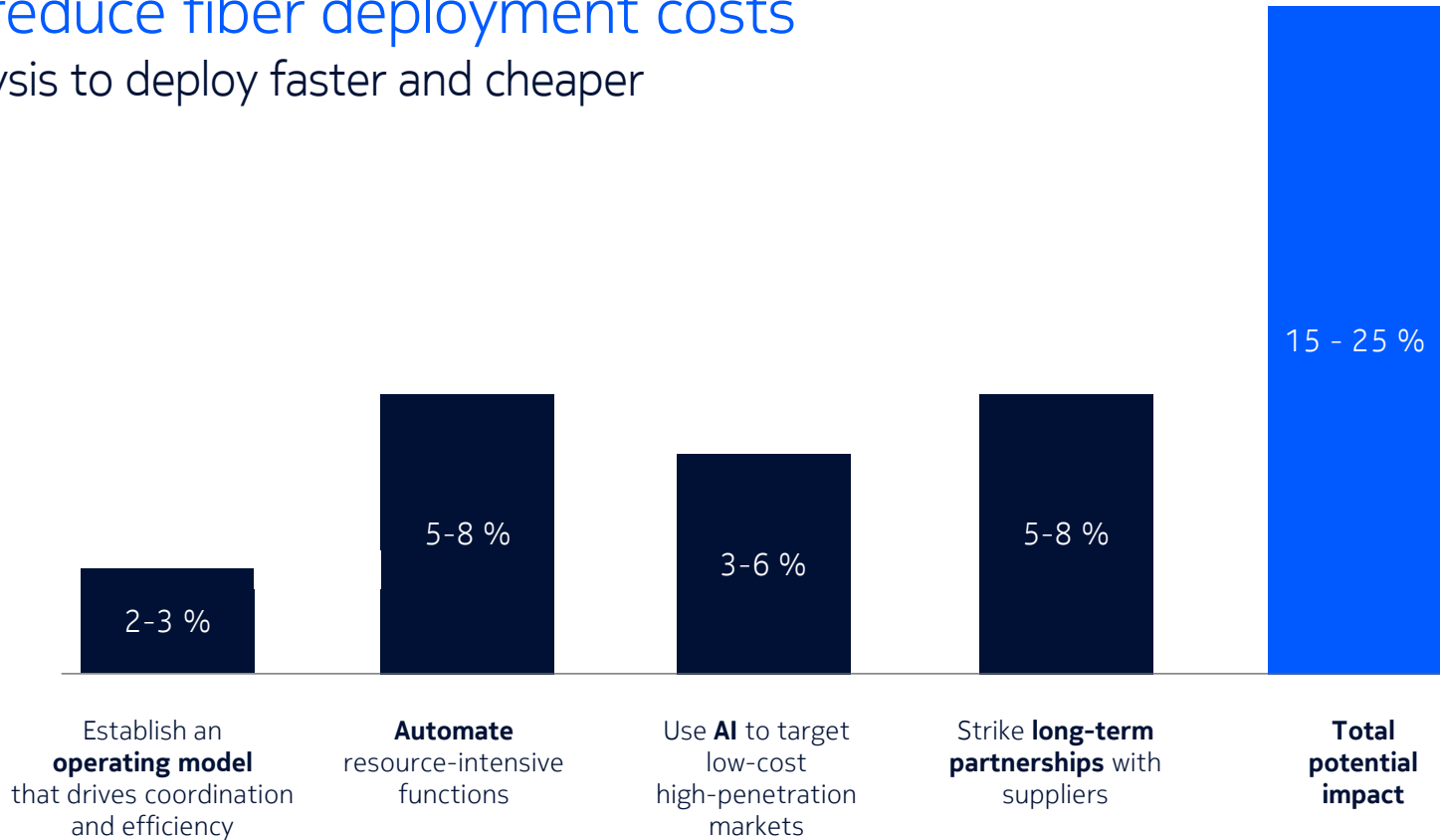
# Challenges operators face during fiber rollout



- Above budget
- Return visits
- Delay vs plan

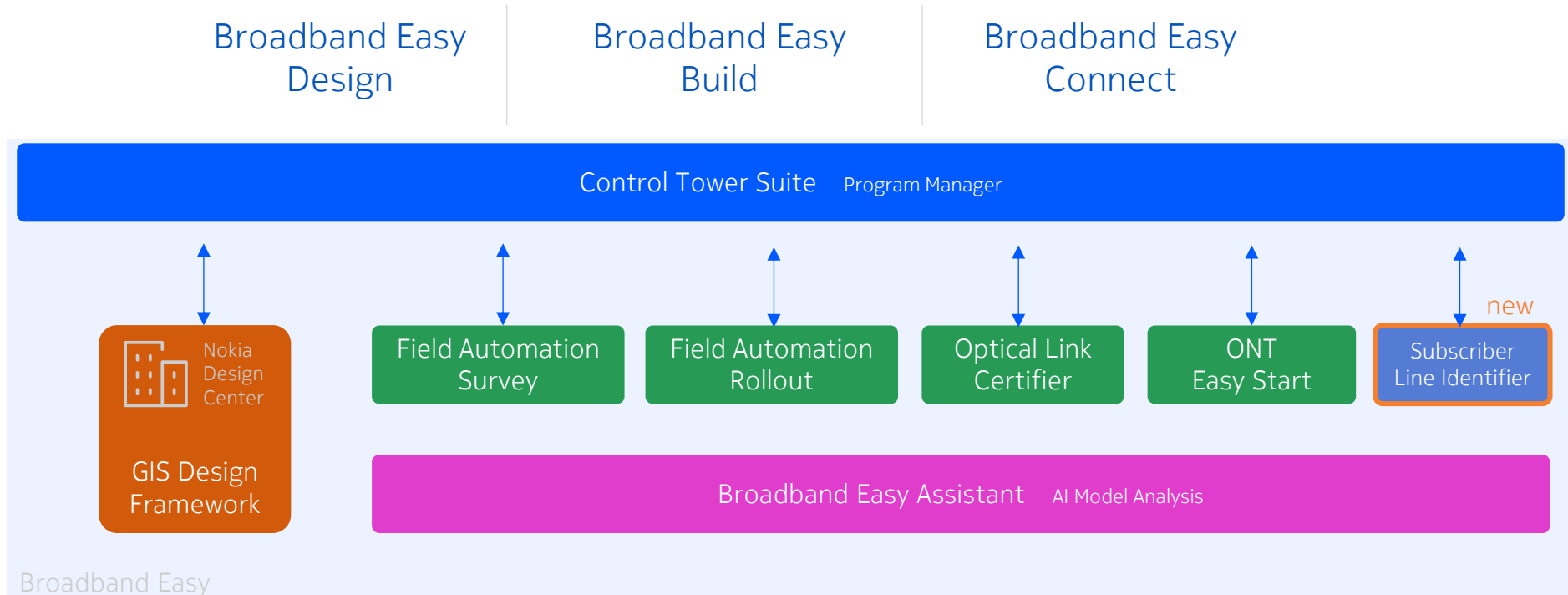
# Tactics to reduce fiber deployment costs

McKinsey analysis to deploy faster and cheaper

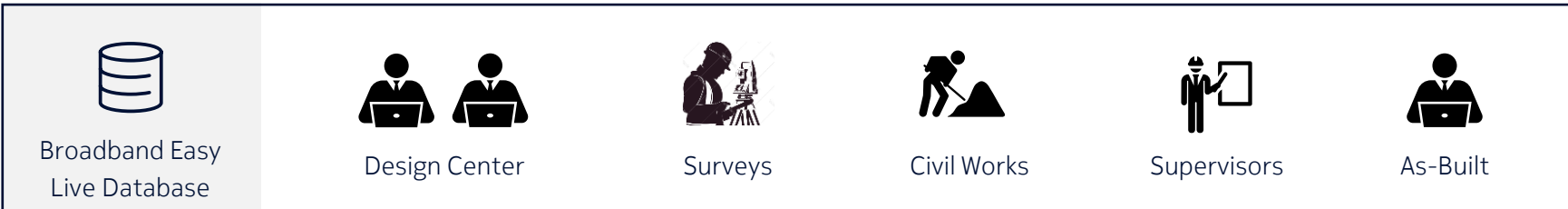
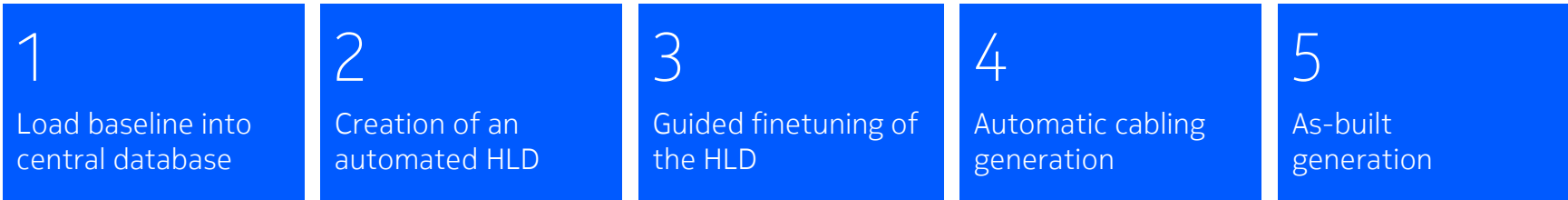
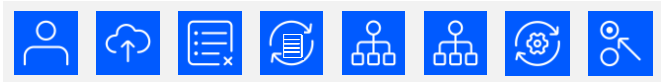


# Nokia Broadband Easy

Modular platform for fiber plant design, build and home connect

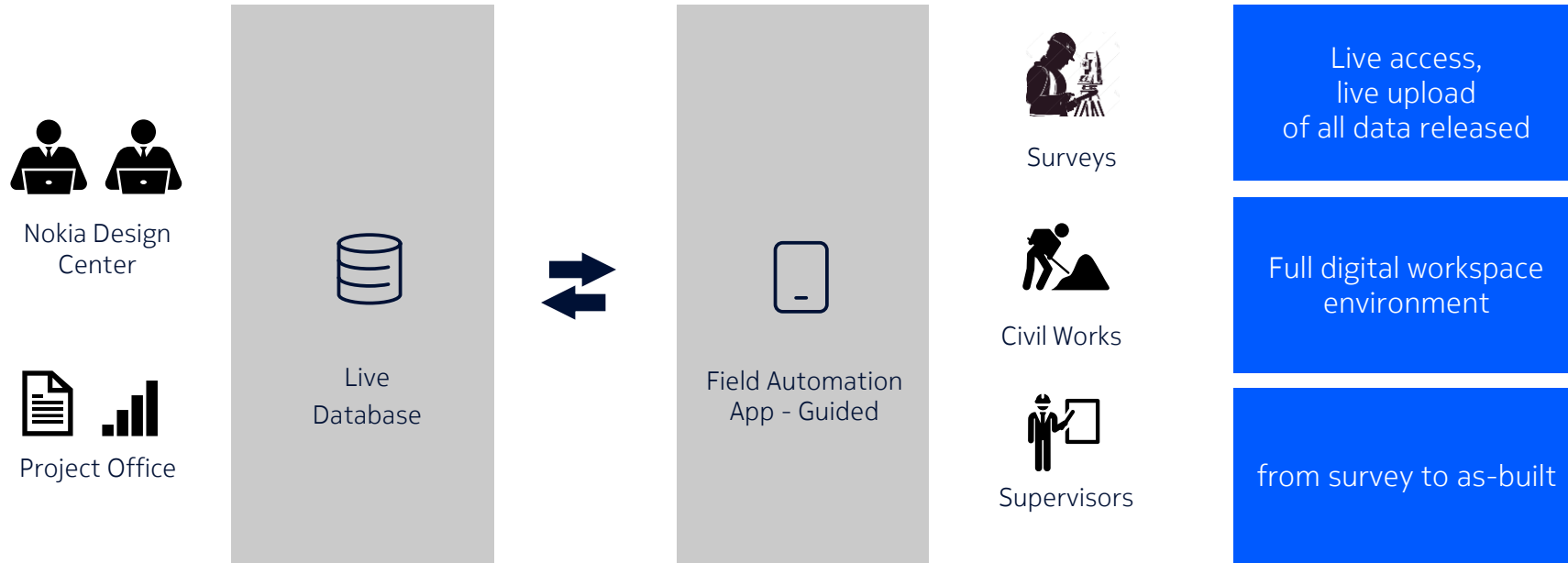


# Continuous and automated process with Broadband Easy Design



# Field Automation for Build

Drives coordination and efficiency between central teams and field force



Digital integration provides better design and accurate as built documentation

# Broadband Easy Connect

One product for greenfield and brownfield use cases



No expert devices | No call centre | Automates execution & upload | field technician or self-install

# Empower the field force with advanced automation

## Survey



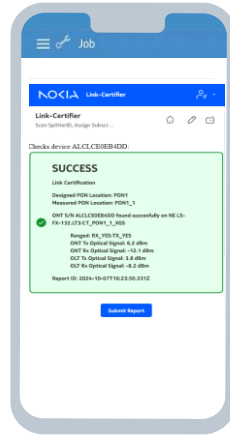
Digital data collection

## Civil Works



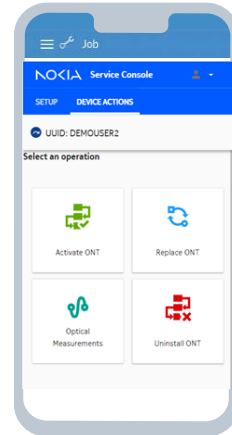
Real time project progress and as-built data collection

## e2e Test



Certify that the OSP is ready to connect homes

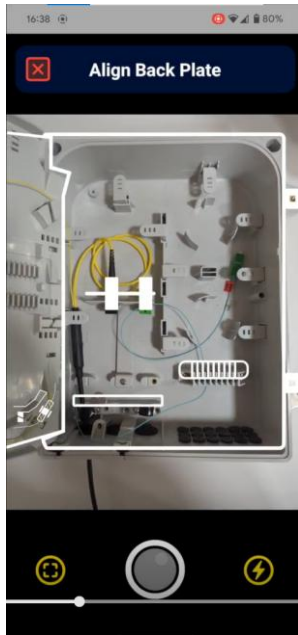
## Activate



Automated activation of end user ONT

# Computer Vision technology to read the OSP

Empower the field force with advanced automation



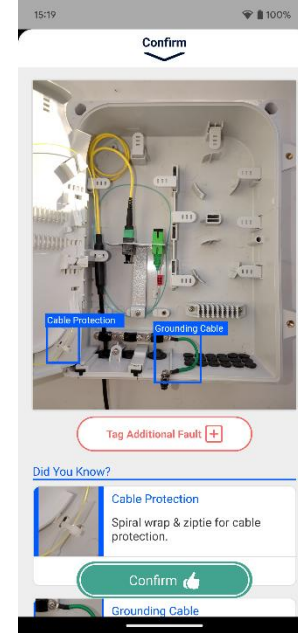
Take a picture



It analyzes it



Provides correction



Confirms

100%  
Installations verified

Real time  
feedback

On site  
training

Train and guide the field engineer to succeed

# Broadband Easy

Birth Certificates consolidate all reference data into operations domain

## Automate & Certify field interventions



OSP  
Build



DP  
extensions



OSP Audits



ONT  
Add - Move - Change

## Generate a birth certificate

Geolocation

Topology

Subscriber ID

Install Data

Inventory Data

Optical Measurements

Active-Passive

AI Model analysis



## Leverage for operations

GIS Database

OSS Systems

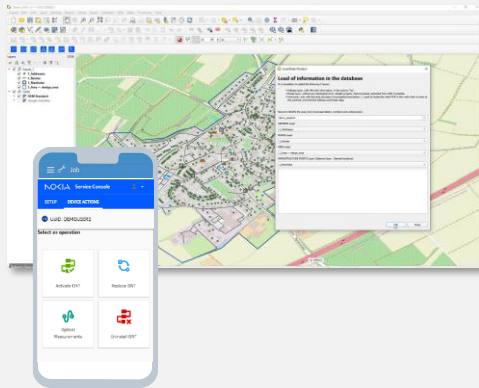
Nokia Altiplano



# Broadband Easy .. into operate

Feed Altiplano real time with accurate active – passive inventory

## Broadband Easy

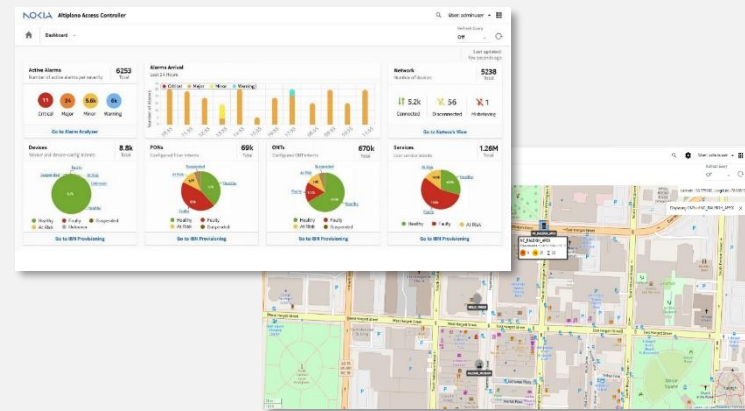


Fiber plant rollout –  
Feed Active-Passive Inventory



- Topology
- Birth Certificates

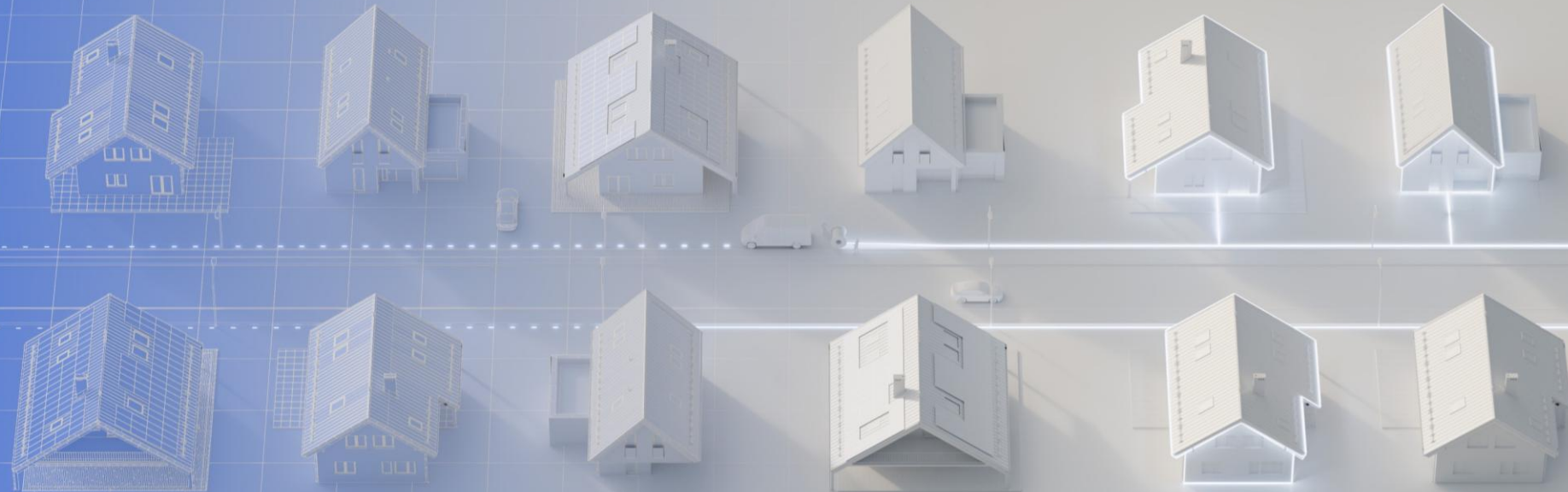
## Altiplano Access Controller



FTTH network operations –  
Leverage Active-Passive Inventory

# Nokia automates fiber deployments with Broadband Easy

## Bringing fiber to the next billion homes



Integrated Process  
From design, build into operate

One team

Integrated Process  
From design, build into operate

High field quality

Integrated Process  
From design, build into operate

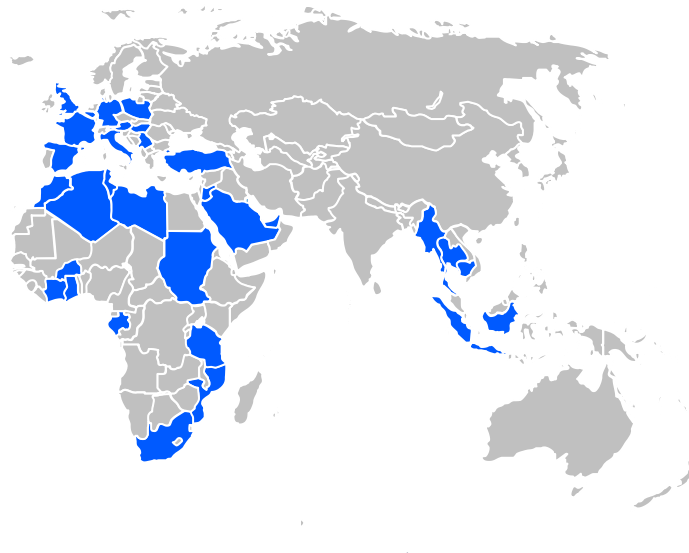
First time right

# Broadband Easy

Nokia worldwide experience



E2E project  
management



Design, Build,  
Connect

Process  
digitalization

+7M

Homes passed in FTTH  
E2E rollout projects

20+

Home connection projects

+5M

Homes designed in FTTH projects

Field  
Automation

# 'ONT Easy Start can make or break the business case'



3 x more  
Home Connects per day

4hr  
Training for unskilled tech

Guarantee  
Service Quality

Accurate  
network inventory

NOKIA