



Team : Edge Innovators

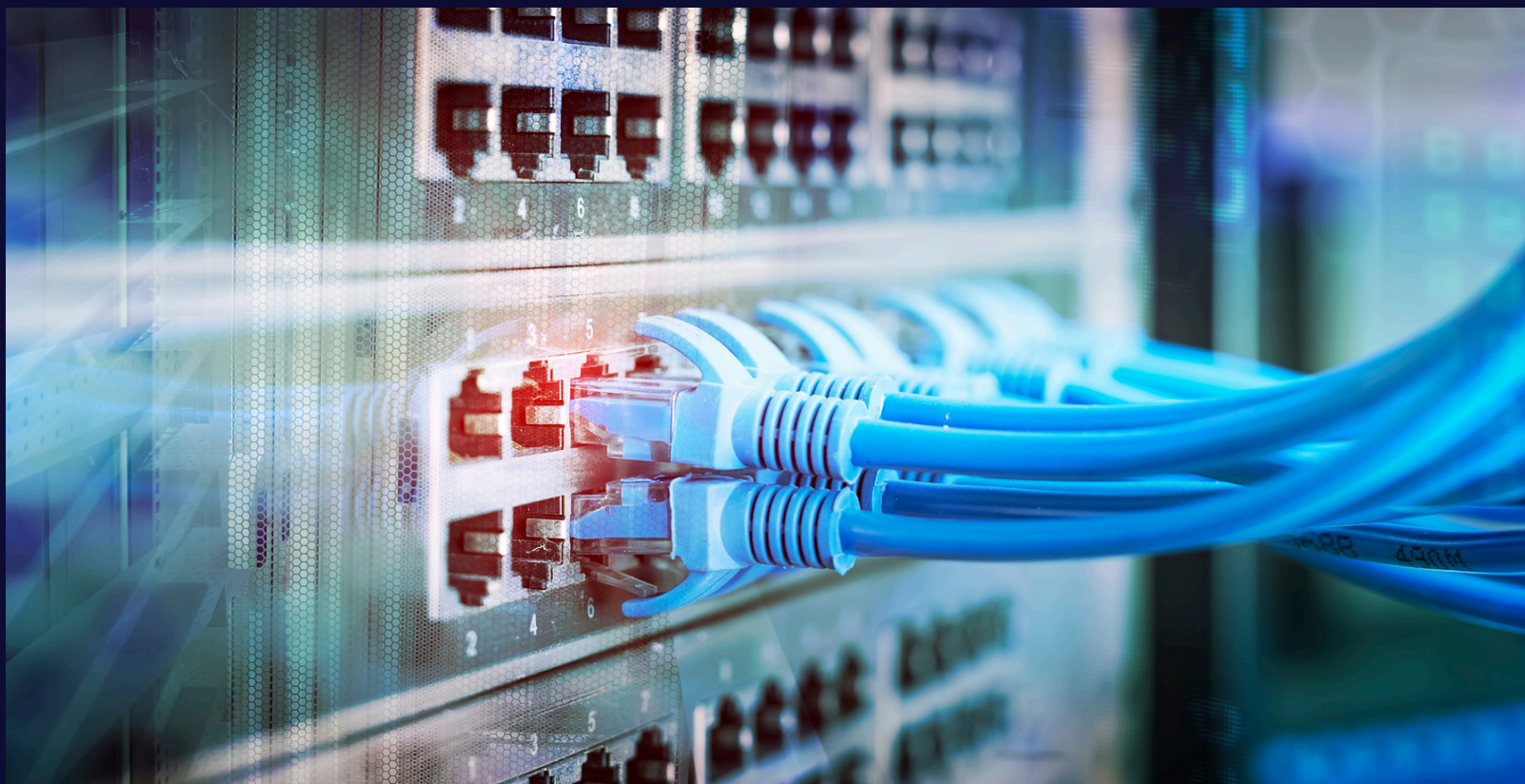


Config Pilot

Simplify your Configurations

Edge Runners Hackathon 3.2

Transform Your Network Setup Experience through ConfigPilot



Overview

Transform Your Network Setup Experience

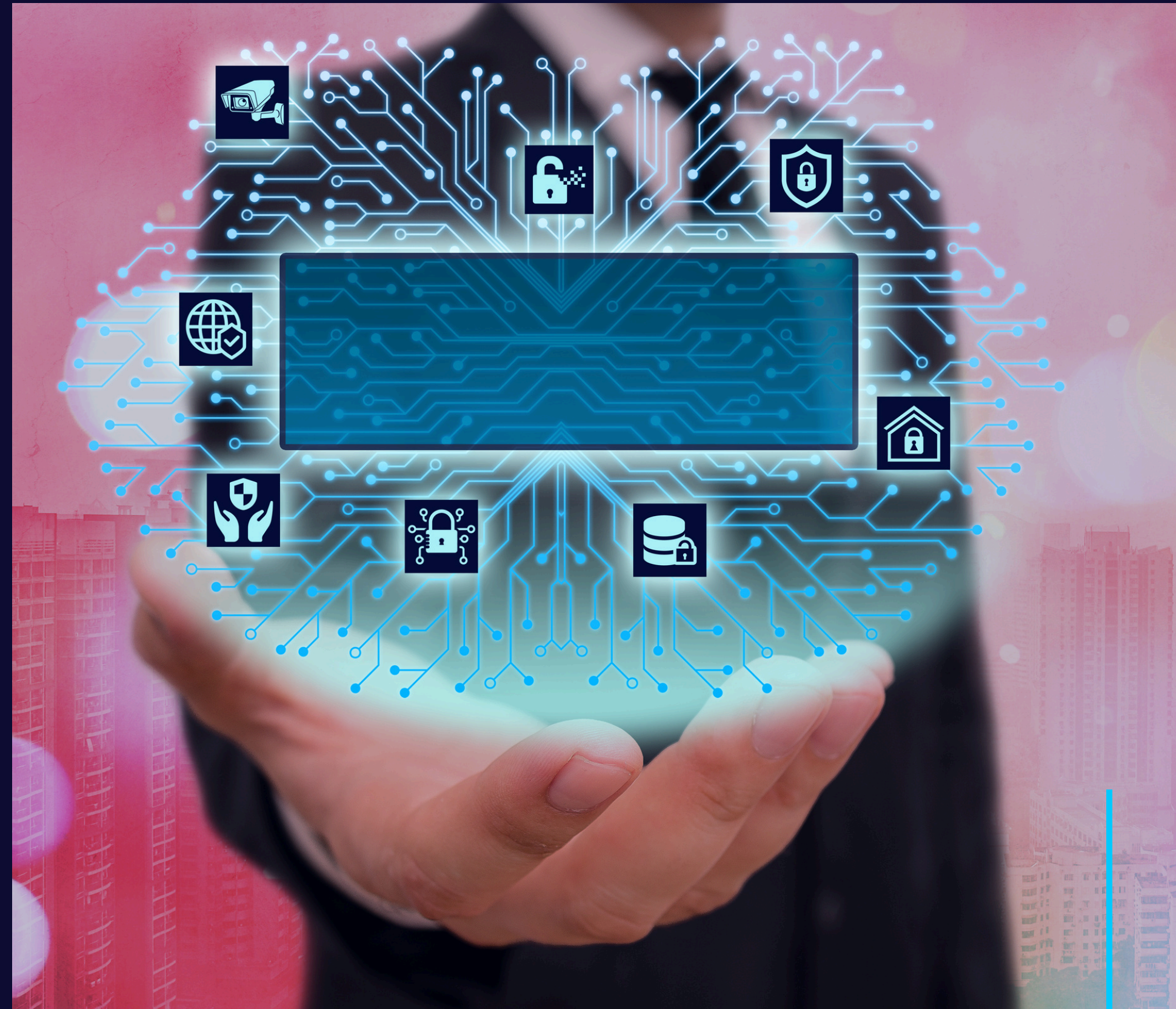
AI-powered application that simplifies the process of router configuration. This app is designed to make setting up routers, such as those from [Cisco](#), [Huawei](#), and [Mikrotik](#), *easier for users*. With a focus on simplifying the setup process, providing troubleshooting support, and offering secure remote control, our solution will make network management accessible to everyone.

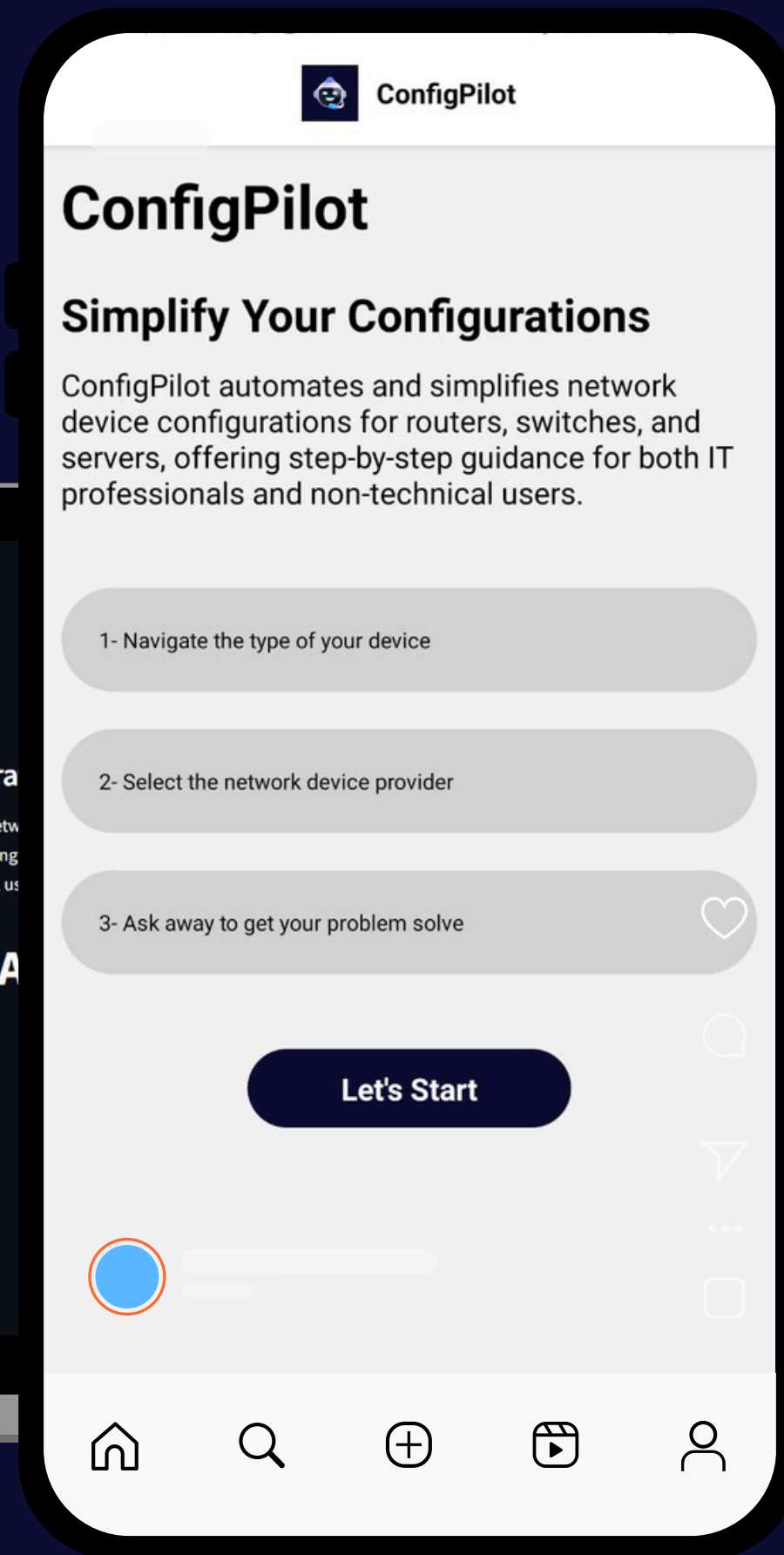


Config Pilot

The Problem

- Router configurations are often seen as complicated, even by experienced **IT professionals**.
- Many existing tools are not user-friendly, making it difficult for users to efficiently **manage network** settings.
- In many cases, there are no existing tools that simplify the process, leaving users to **rely on resources** like ChatGPT, Bard, and YouTube tutorials





Proposed Solution

- A combination of a web and mobile application aimed at simplifying router configuration
- [Llama Model 3.2](#) to intelligently configurations, troubleshoot issues, and facilitate secure remote management of network devices

Key Impacts

01

Reduced router setup time by up to 80%

02

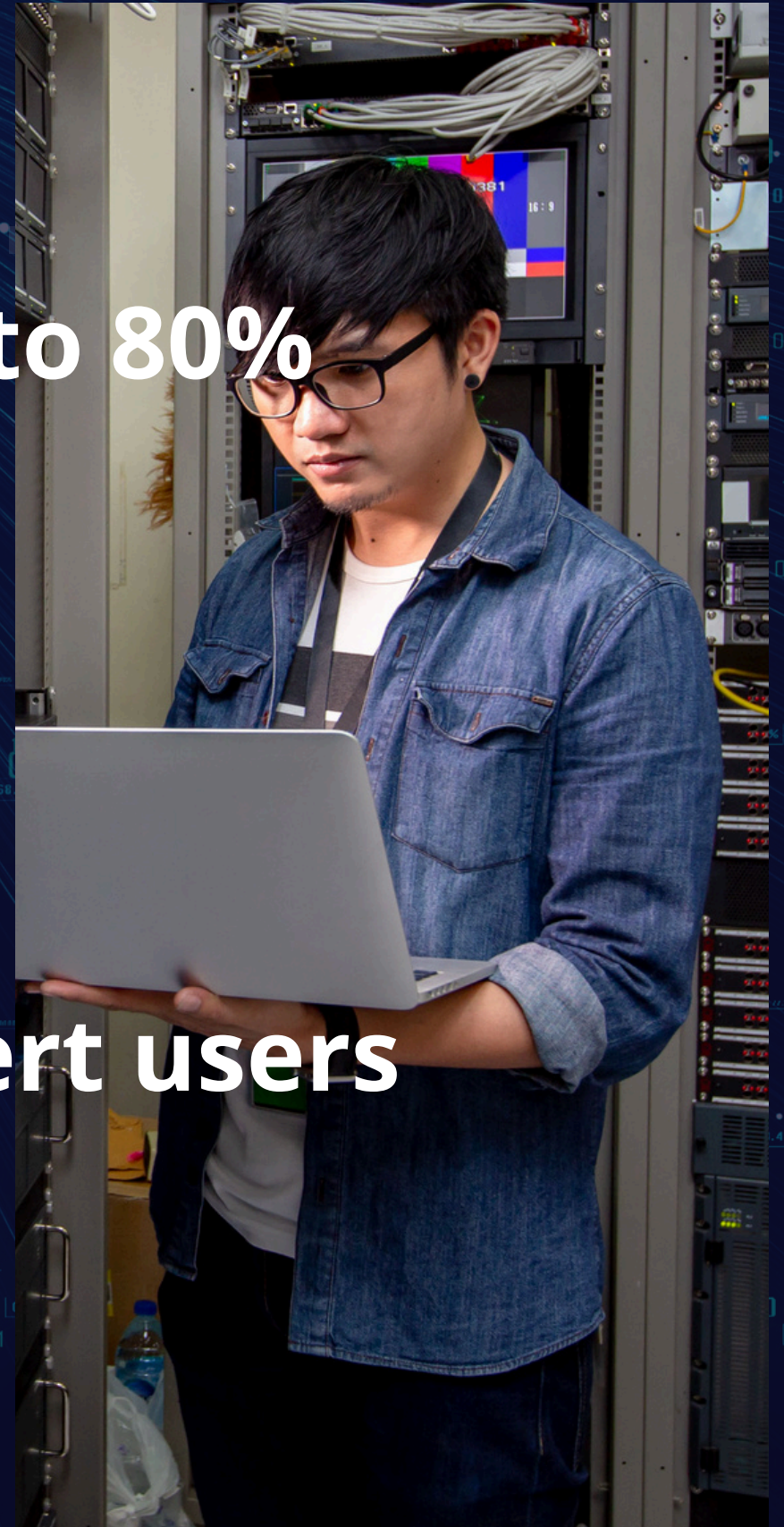
Decreased configuration errors

03

Accessible to both novice and expert users

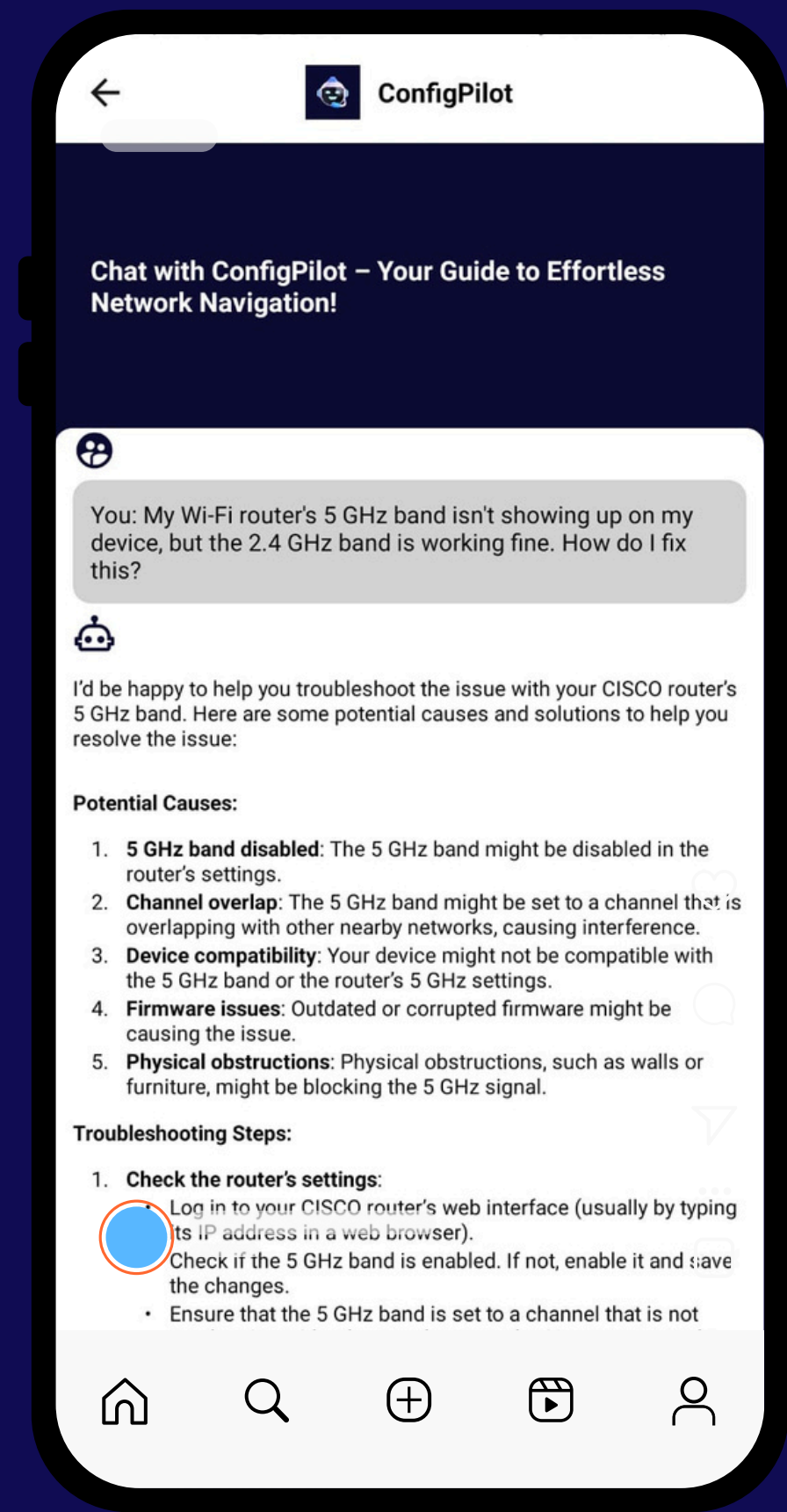
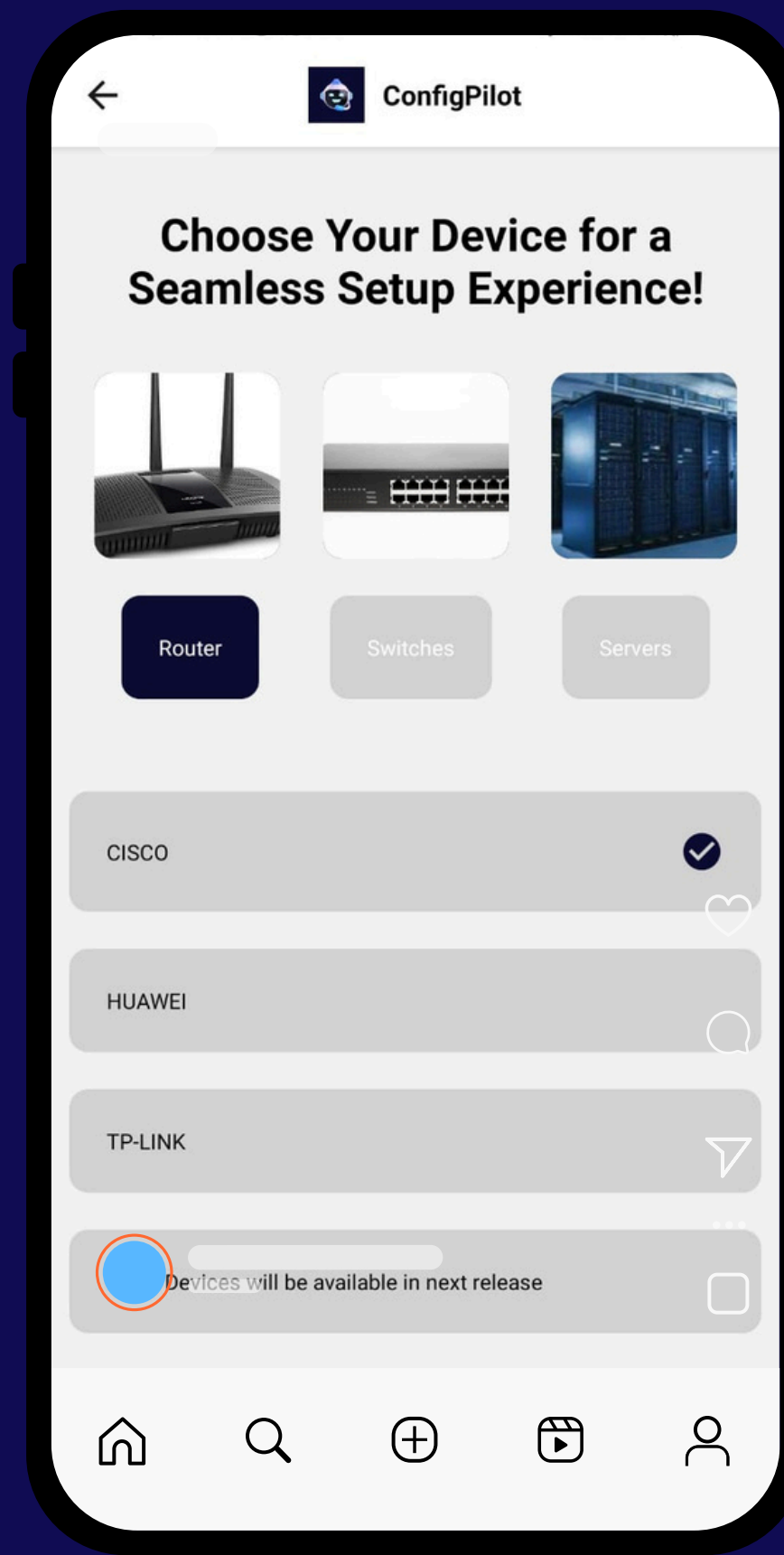
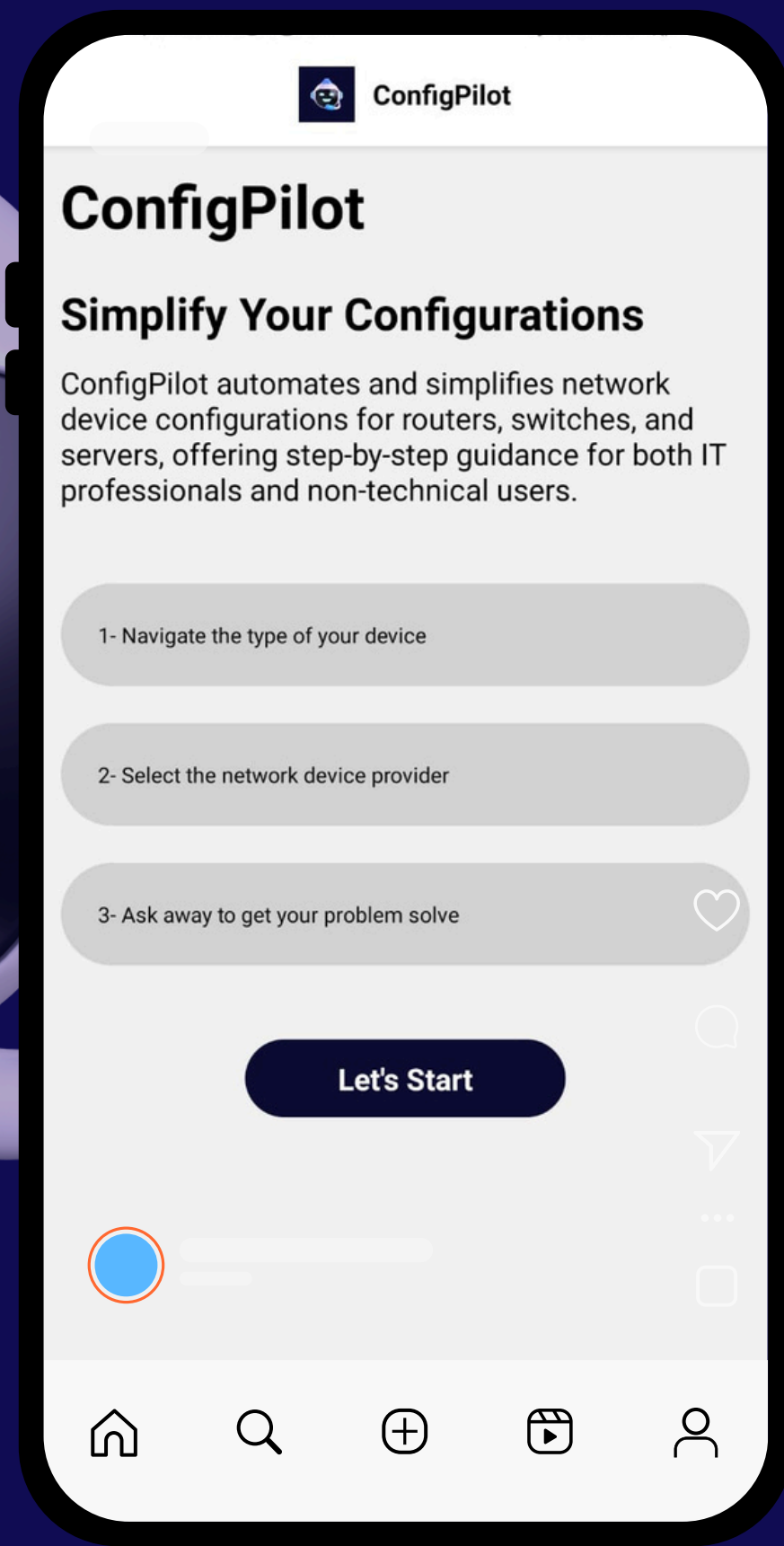


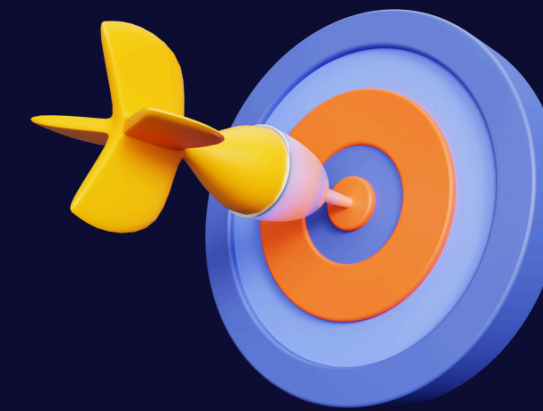
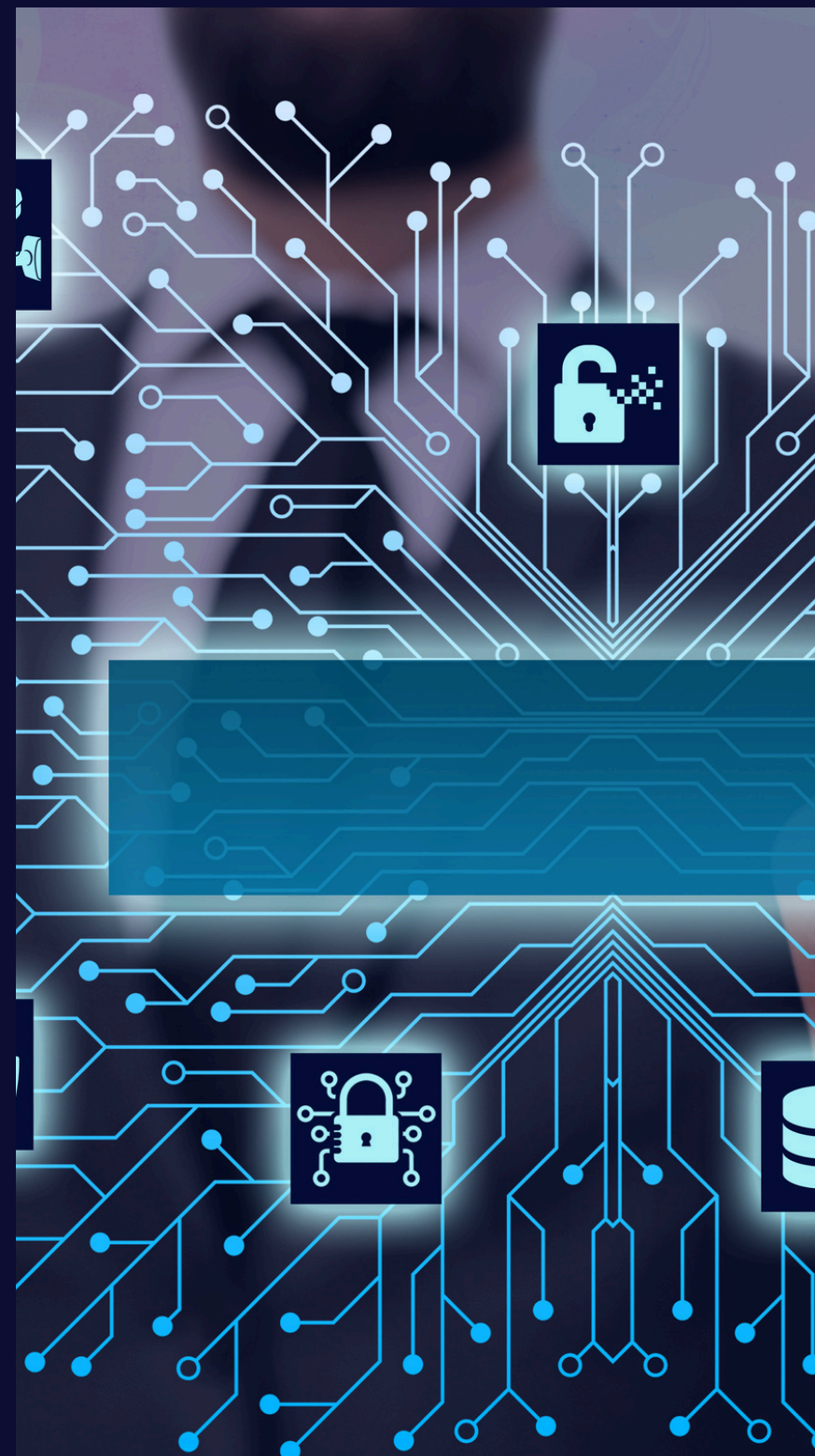
Config Pilot



04

Mobile Screens





Future Vision & Goals

01

In the future, we plan to expand the platform to support configurations for network switches and servers, allowing for more comprehensive network management.

02

As businesses increasingly seek automated solutions to manage their networks, there is high potential for growth in this market. The future vision will also include the integration of outage prediction capabilities to help users prevent or prepare for internet disruptions.



Business Value

01

This application brings significant value by making IT tasks easier and more efficient. It reduces the risk of errors during network setup, streamlines troubleshooting, and enhances security practices

02

Businesses will save time and resources, improving their overall network management while ensuring that systems are configured correctly from the start.





Market Analysis

01

There is a growing need for simpler network management tools, especially among small and medium-sized businesses that may not have dedicated IT teams

02

By the end of 2024, the global network management system market is projected to reach approximately USD 15 billion, with a compound annual growth rate (CAGR) of around 9-10%.

Our Mission

01

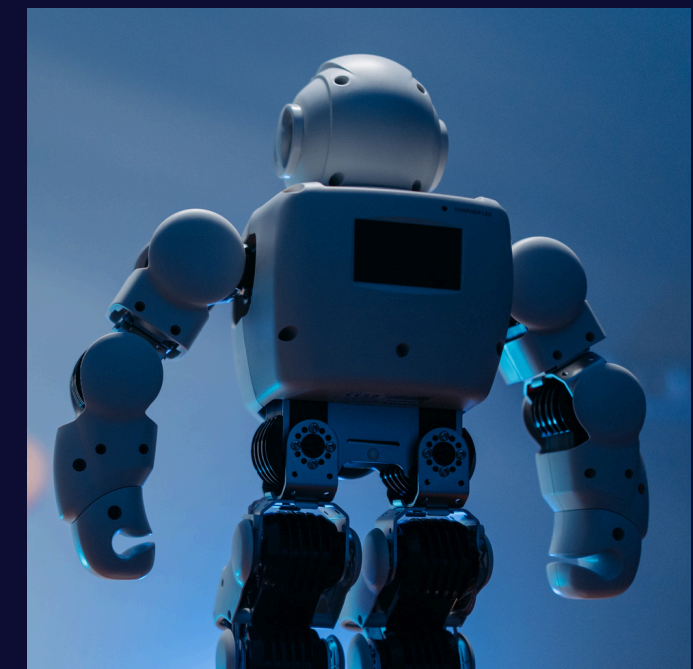
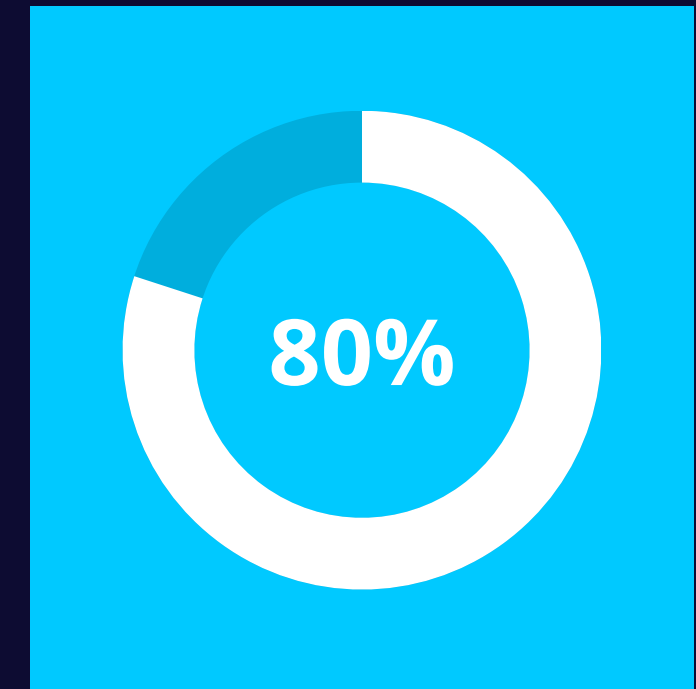
Our immediate focus is to launch the basic version of the Mobile App and Web Application with essential features.

02

focus on expanding the functionality by adding more advanced features, such as mobile access and enhanced AI-driven tools.

03

In the longer term, we plan to form partnerships with hardware manufacturers to further integrate our solution with leading router brands.



Demo Video



ConfigPilot

Simplify Your Configurations

ConfigPilot automates and simplifies network device configurations for routers, switches, and servers, offering step-by-step guidance for both IT professionals and non-technical users.

How to Integrate with the App

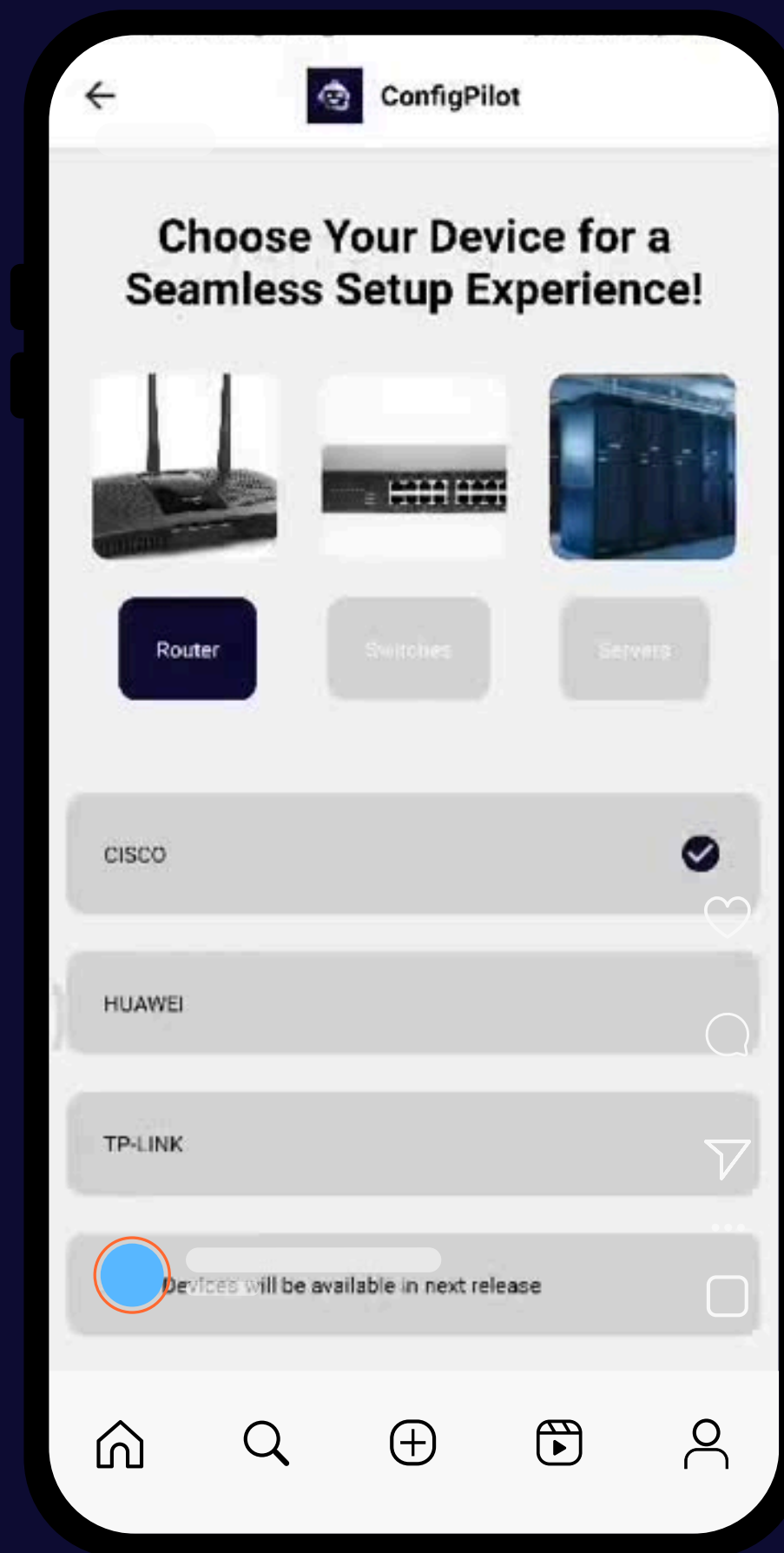
Step 1: Install the app on your device.

Step 2: Connect the app to your router, switch, or server.

Step 3: Follow the prompts for automatic configuration.

Step 4: Monitor and manage your network remotely.

Let's Start





Config Pilot

Simplify your Configurations

Meet Our Best Team



UMAIR AZMAT
PROJECT MANAGER



USMAN KHALIL
MOBILE APP DEV



NOMAN MAZHAR
DATA SCIENTIST



MAMONA NISAR
UI / UX DESIGNER



M ASAD JAVED
BACKEND DEV



SALMAN TAHIR
AI / ML ENGINEER

Conclusion

01

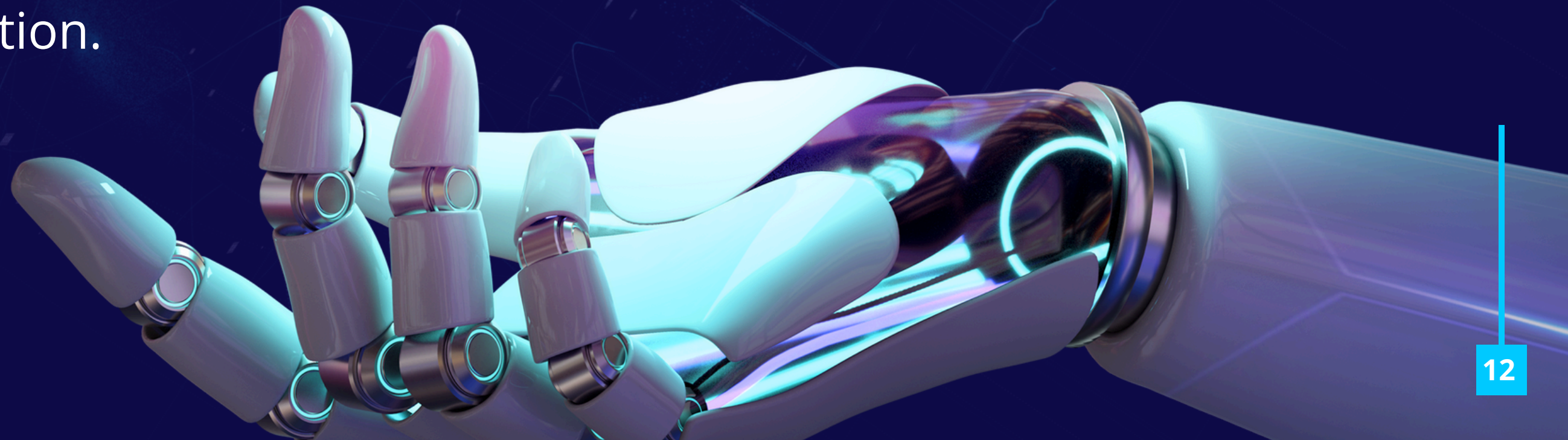
Simplified Configuration: Turn complex router setups into intuitive, guided processes

02

Universal Compatibility: Seamless support for Cisco, Huawei, Mikrotik, and more

02

Intelligent Troubleshooting: AI-powered diagnostics and real-time problem resolution.





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Simplify your Configurations

Thank You For Watching

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