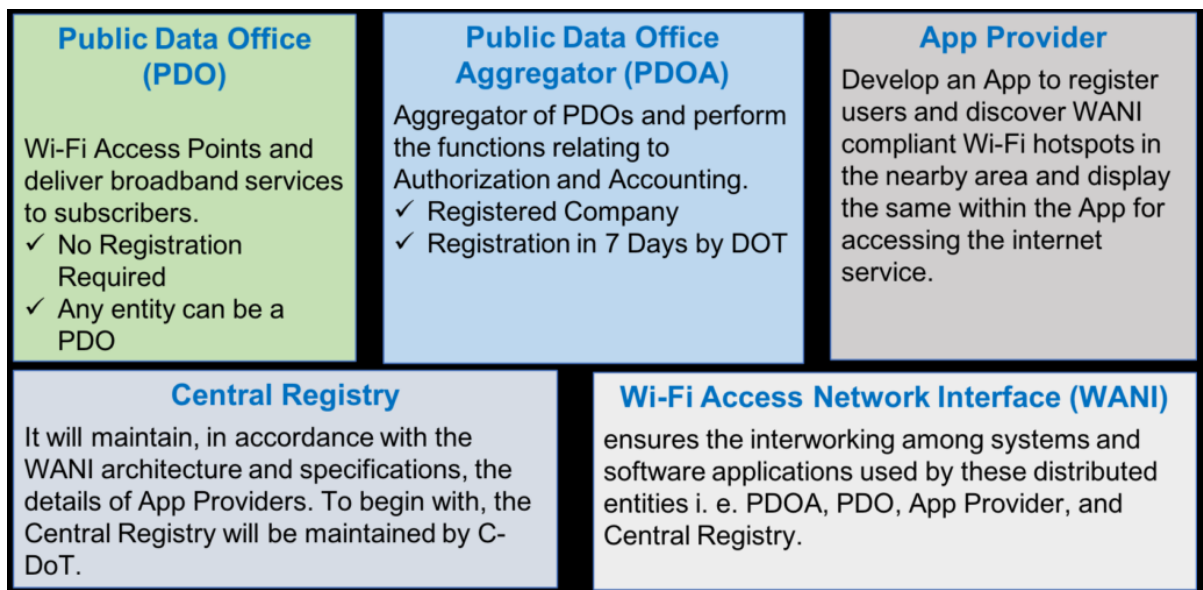## PMWANI Introduction

To provide public WiFi service, the Union Cabinet decided to launch a PM WiFi Access Network Interface to unleash a massive WiFi network in India.

Through this, public WiFi hotspots at several grocery stores, local kirana shops, restaurants, hotels and any such public places across the country could be a reality in the near future. The COVID-19 pandemic has necessitated provision of stable and high-speed broadband internet services to an increasingly large number of subscribers in the country. These include areas which do not have 4G mobile coverage. The proliferation of public WiFi will not only create employment, but also enhance disposable incomes on the hands of small and medium entrepreneurs and boost GDP of the country. Public WiFi services will be delivered by new categories of Public Data Offices (PDOs), Public Data Office Aggregators (PDOAs) and App Providers.

There will be no license, fee or registration for it. Businesses can take services from any ISP and use their physical location to provide WiFi to anyone who happens to be nearby.
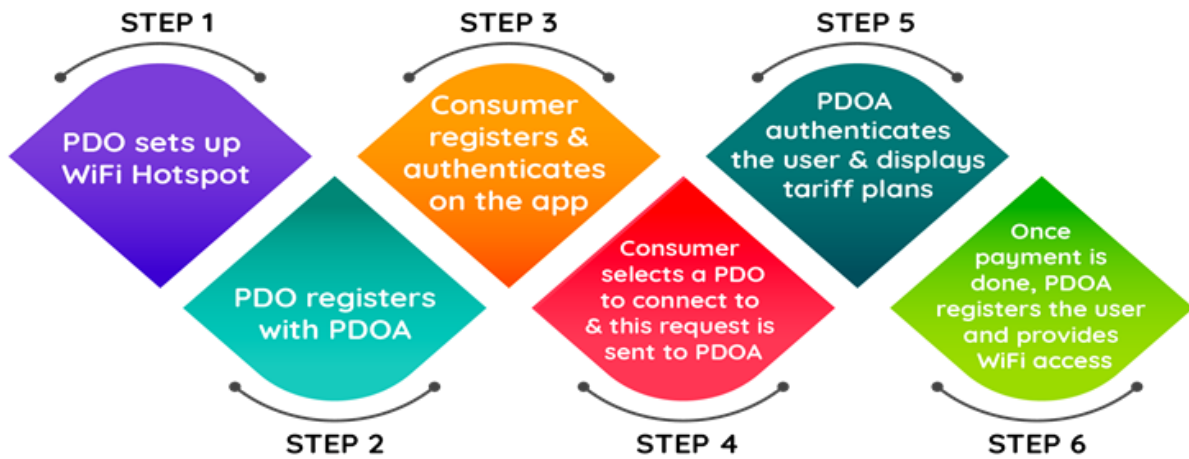
Components of PMWANI

Let's have a look at the WANI ecosystem and the different players who will be operating in it:

Public Data Office (PDO)	Public Data Office Aggregator (PDOA)	App Provider
Wi-Fi Access Points and deliver broadband services to subscribers. ✓ No Registration Required ✓ Any entity can be a PDO	Aggregator of PDOs and perform the functions relating to Authorization and Accounting. ✓ Registered Company ✓ Registration in 7 Days by DOT	Develop an App to register users and discover WANI compliant Wi-Fi hotspots in the nearby area and display the same within the App for accessing the internet service.
Central Registry	**Wi-Fi Access Network Interface (WANI)**	
It will maintain, in accordance with the WANI architecture and specifications, the details of App Providers. To begin with, the Central Registry will be maintained by C-DoT.	ensures the interworking among systems and software applications used by these distributed entities i. e. PDOA, PDO, App Provider, and Central Registry.	

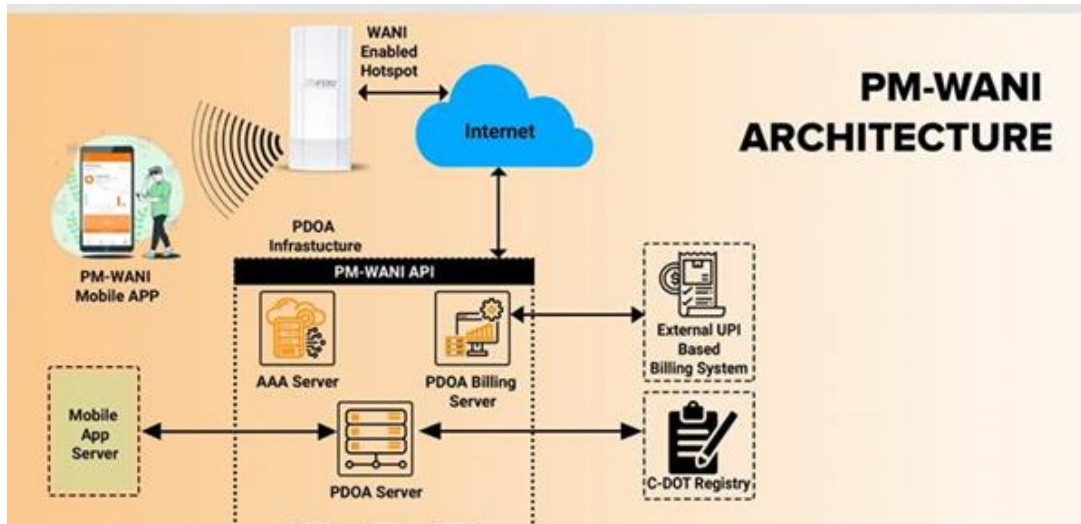- Public Data Office (PDO): The PDOs are very similar to the PCOs that were earlier used to make calls. A PDO can be any public venue where a WiFi hotspot can be set up. This service can be an additional source of income for the venue operators. WiFi coupons will be available for about ₹20 and the consumer will be able to use it for 30 mins. These rates might differ for every PDO depending on their internet plans. The consumers can pay for this service using different payment gateways like Paytm, Mobile Wallet, Google Pay, Bhima App, etc.

- Public Data Office Aggregator (PDOA): As the name suggests, PDOAs are the aggregators to PDO. A PDOA can be any local entrepreneur or an ISP, who is responsible for the Authorization and Accounting functions.

- App Provider: An App will be developed by them for the users to register and discover WANI compliant WiFi hotspots in the nearby area and display the same within the App for accessing the internet service.

- Central Registry: Responsible for maintaining the details of PDOs, PDOAs and App providers. This will be maintained by C-DOT.
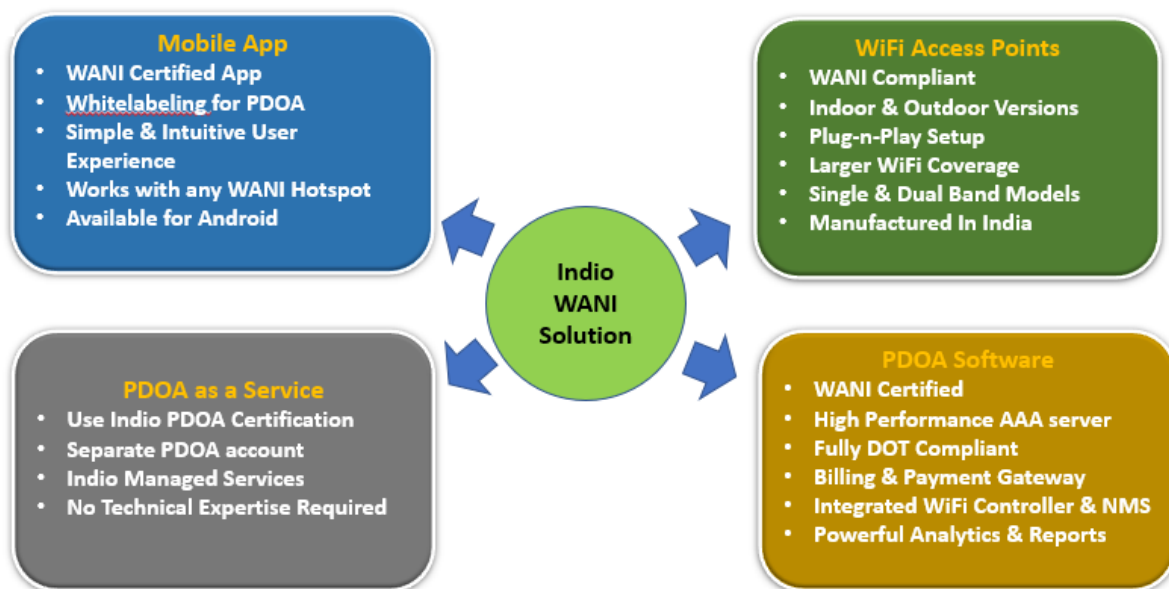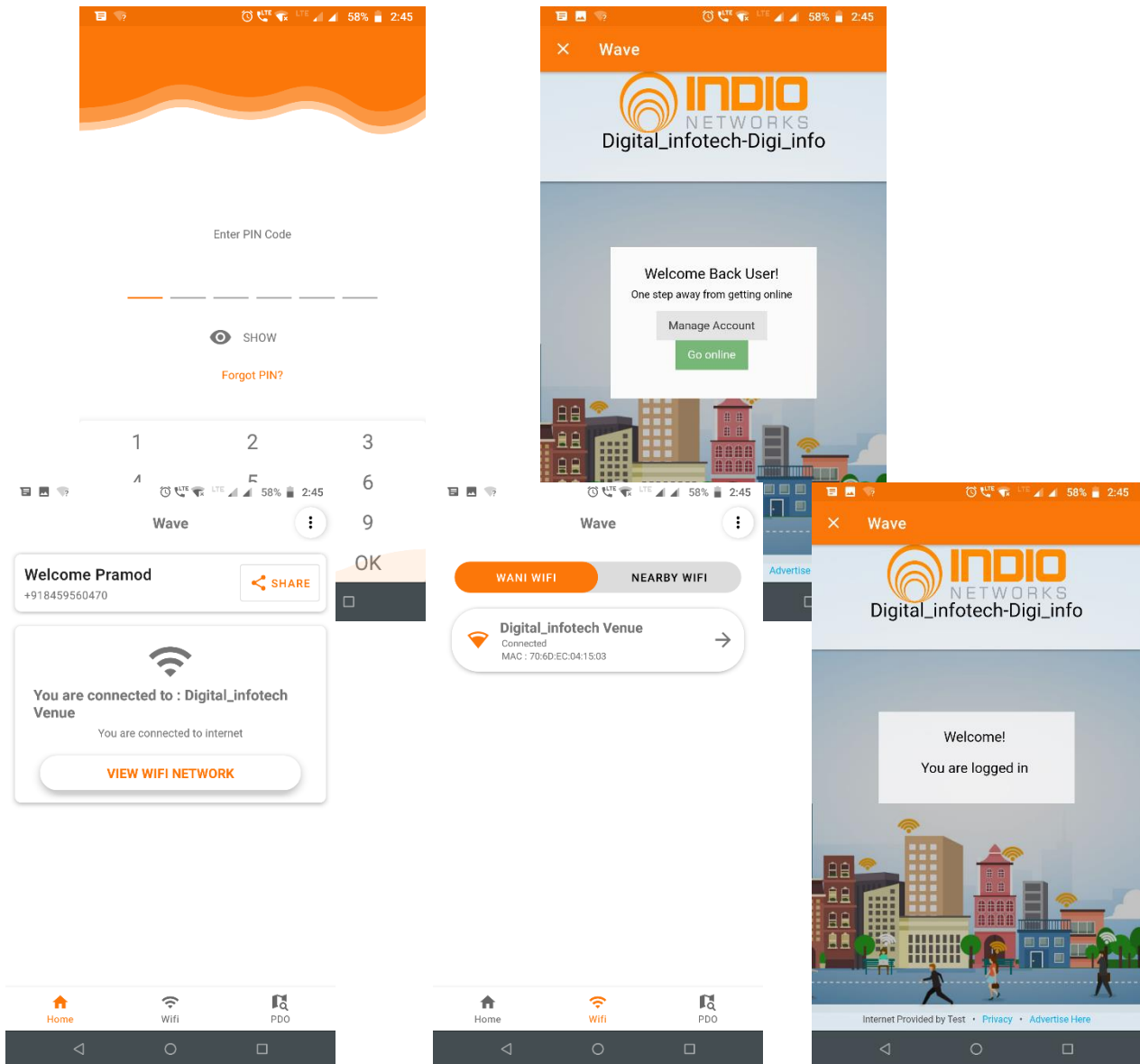
What are steps to become PDOA?

STEP 1 — PDO sets up WiFi Hotspot

STEP 2 — PDO registers with PDOA

STEP 3 — Consumer registers & authenticates on the app

STEP 4 — Consumer selects a PDO to connect to & this request is sent to PDOA

STEP 5 — PDOA authenticates the user & displays tariff plans

STEP 6 — Once payment is done, PDOA registers the user and provides WiFi access

What technology is used for PMWANI ?

INDIO NETWORKS

PM-WANI OVERVIEW

WANI HOTSPOT PDO

Indoor/Outdoor APs

End Users

SHOP

Internet

PDOA Infrastructure

Mobile App

Dashboard

What does Indio Network's PMWANI Solution?

Does Indio provide PMWANI Mobile App ?

Yes, Indio offers PMWANI compliant mobile application (android version only) to our customers. We also whitelabel the mobile app with your logo if requested.

How can I purchase PMWANI Solution from Indio Networks?

You can contact us at sales@indionetworks.com or call us at 020-6715-7377 / 78.

You can also submit your request online. Please submit complete details and your project information.

https://www.indionetworks.com/company/contacts