Indio PM-WANI Solution

Technology Overview

ABOUT INDIO NETWORKS

Established : 2005

Indio Networks provides a complete range of wireless networking solutions for managing public and enterprise networks, Wi-Fi hotspots and IOT deployments.

- Among the top 3 hotspot companies in the world
- Presence in 45+ Countries
- Full range of WiFi Products
- 10000+ venues
- Offices in USA, UAE and India
- Multiple awards and recognitions
- 14+ years of industry leadership
- Resellers in 20+ countries
- 24x7 customer support

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Product Portfolio

MobiMax 4G Routers

WiOS Cloud Platform

UniBox Network Controllers

INDIO NETWORKS

Trinity POE Switches

UniMax Access Points

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INDIO NETWORKS

PM-WANI Introduction

- Government Initiative for WiFi Adoption
- No license & AGR fees from operators
- Designed for proliferation of WiFi Hotspots
- Based on successful PCO Model
- Increase use of WiFi hotspot for data usage
- Operators will become MVNO for Wi-Fi access
- Boost connectivity in rural and semi-urban areas

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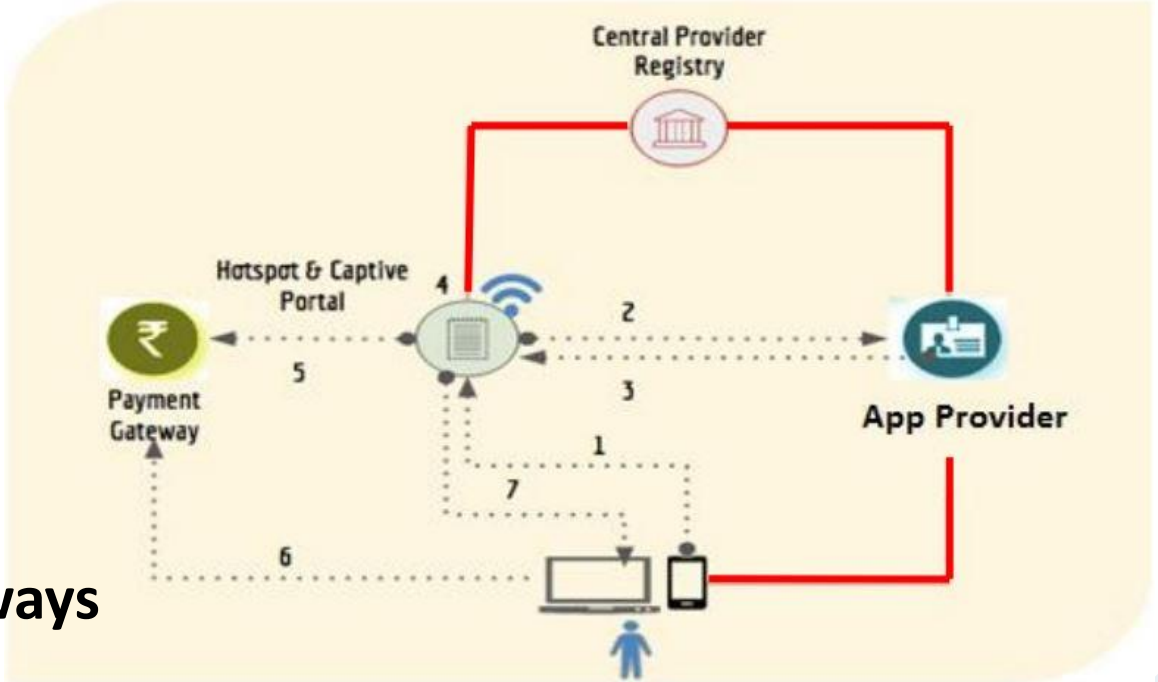
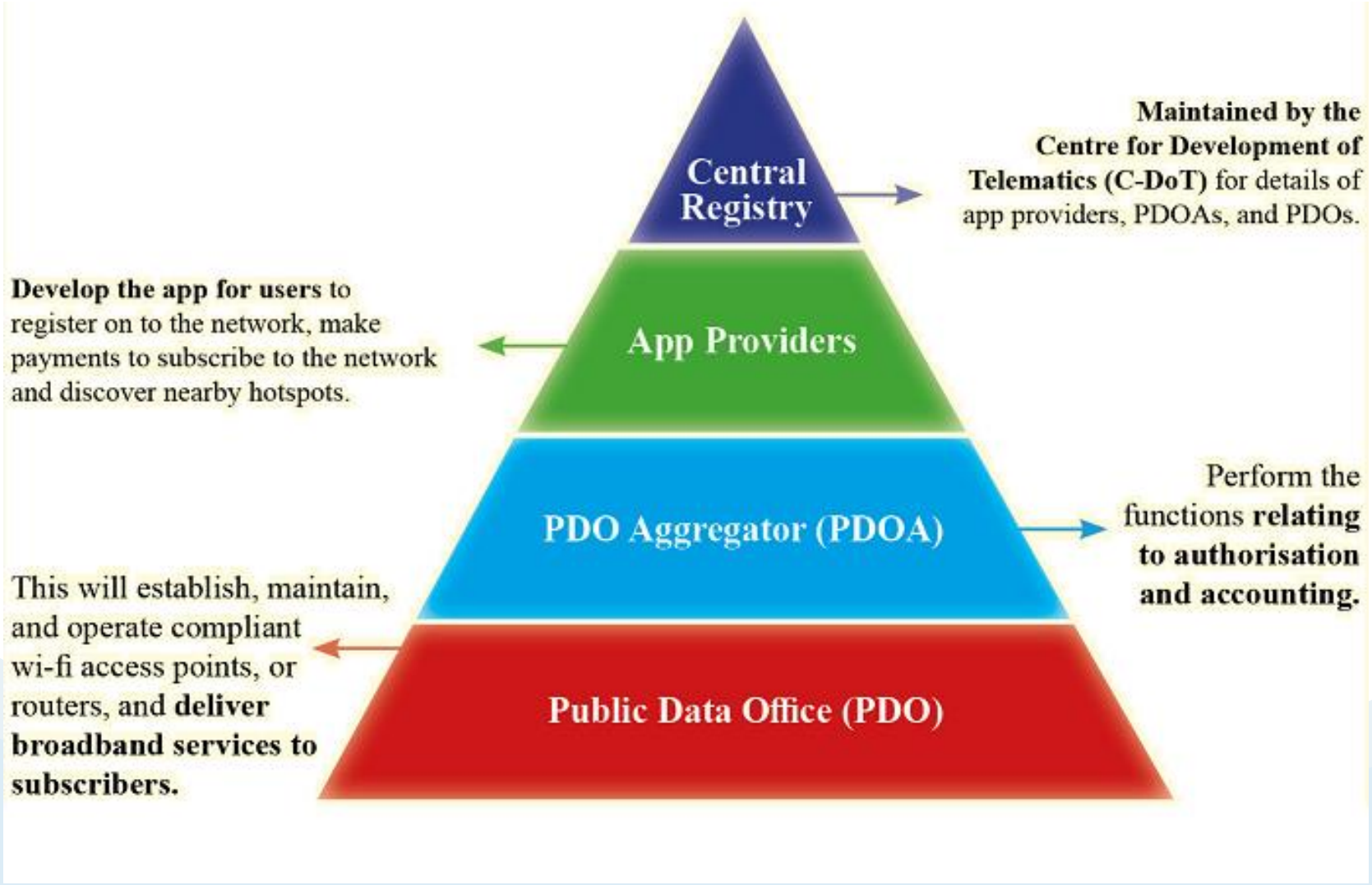
PM-WANI Framework

- Unique framework for WiFi Onboarding
- Users connect using registered Mobile App
- PDOA operates WiFi Hotspots & Service
- App Provider validates users credentials
- PDOA can charge users using payment gateways
- Central Registry maintains master list of PDOA
- & Hotspots
- Users can easily roam between hotspots
- Mobile App helps users locate PM-WANI Hotspots



PM-WANI Infrastructure



PM-WANI Stakeholders

Public Data Office (PDO)

Wi-Fi Access Points and deliver broadband services to subscribers.

- ✓ No Registration Required
- ✓ Any entity can be a PDO

Public Data Office Aggregator (PDOA)

Aggregator of PDOs and perform the functions relating to Authorization and Accounting.

- ✓ Registered Company
- ✓ Registration in 7 Days by DOT

App Provider

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

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.

Wi-Fi Access Network Interface (WANI)

ensures the interworking among systems and software applications used by these distributed entities i. e. PDOA, PDO, App Provider, and Central Registry.

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Advantages

End Users

- Seamless Connectivity
- Low-Cost Internet
- Roam across multiple PDOs
- Multiple connectivity Options

PDO

- Attract new customers
- Improve Venue Branding
- Additional Revenues
- Create Customer Goodwill
- Promote & Advertise Products & Services

PDOA

- New Business Model
- Build PDO network
- Improve Customer Base
- Increase Revenue
- Introduce add-on services

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Indio PM-WANI Offering

Mobile App

- WANI Certified App
- Whitelabeling for PDOA
- Simple & Intuitive User Experience
- Works with any WANI Hotspot
- Available for Android

WiFi Access Points

- WANI Compliant
- Indoor & Outdoor Versions
- Plug-n-Play Setup
- Larger WiFi Coverage
- Single & Dual Band Models
- Manufactured In India

PDOA as a Service

- Use Indio PDOA Certification
- Separate PDOA account
- Indio Managed Services
- No Technical Expertise Required

PDOA Software

- WANI Certified
- High Performance AAA server
- Fully DOT Compliant
- Billing & Payment Gateway
- Integrated WiFi Controller & NMS
- Powerful Analytics & Reports

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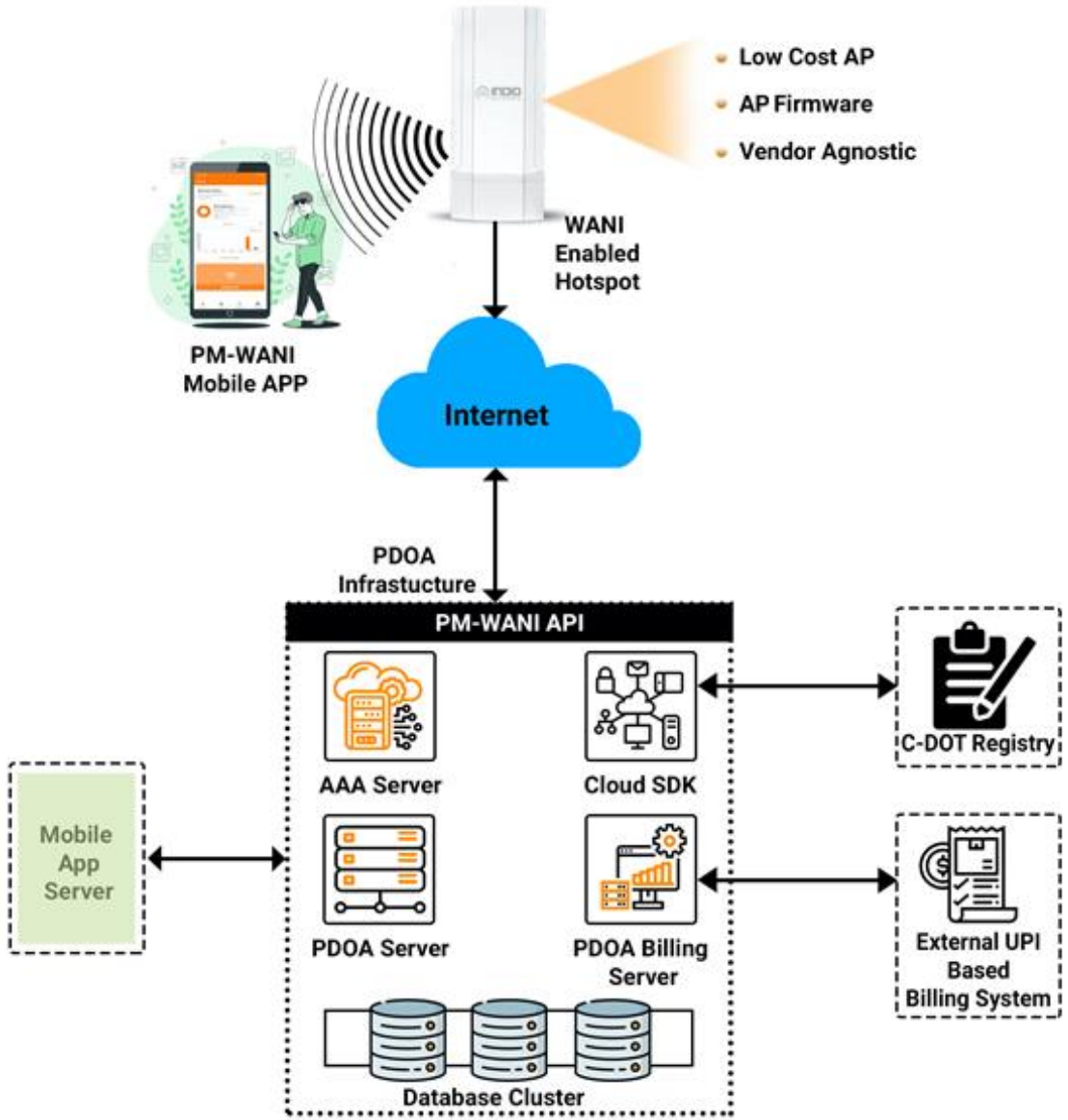
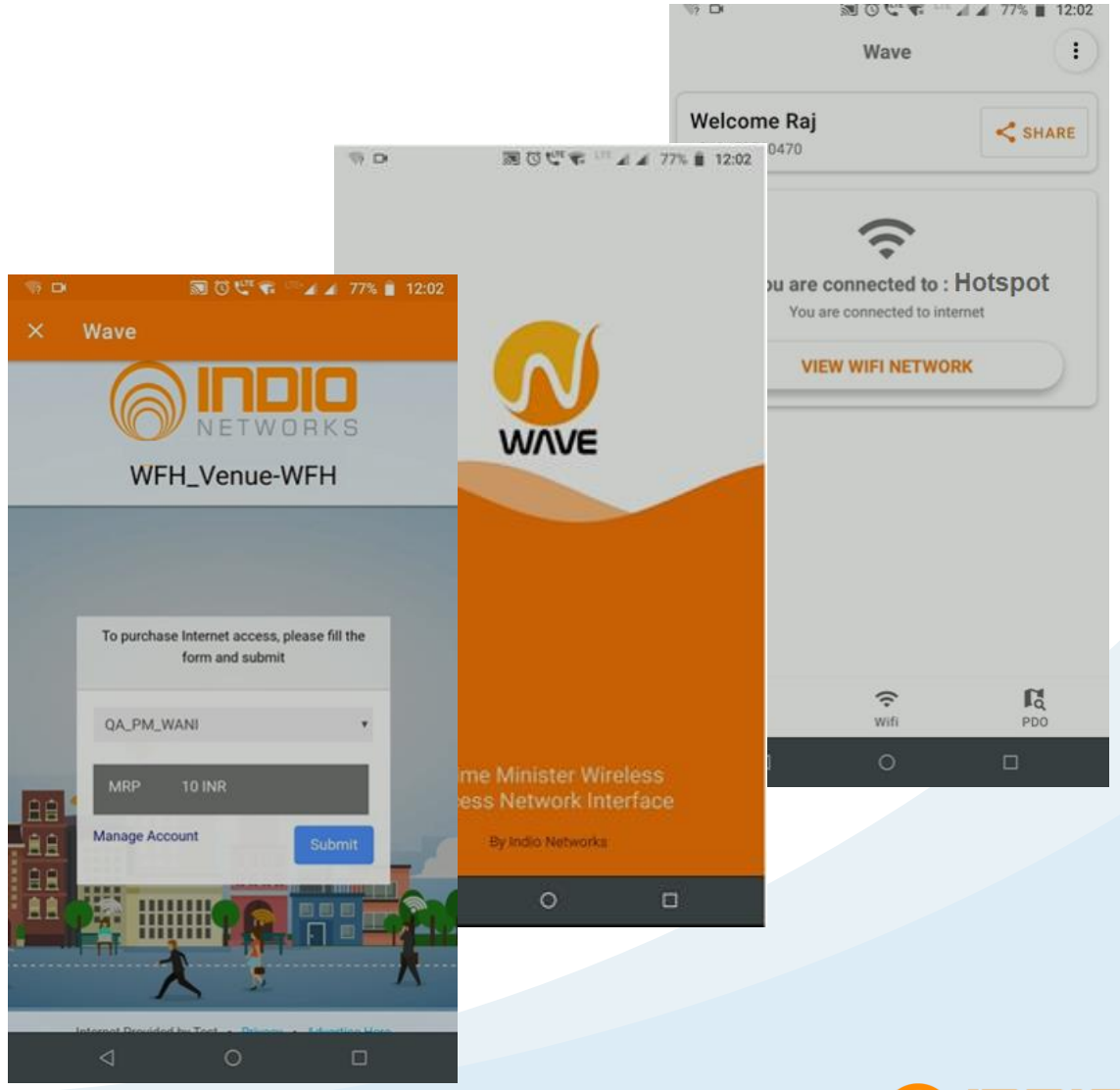
System Architecture

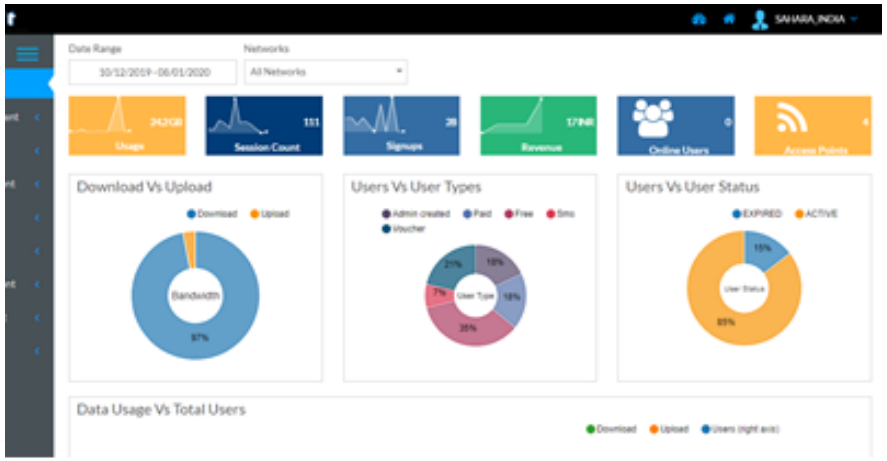


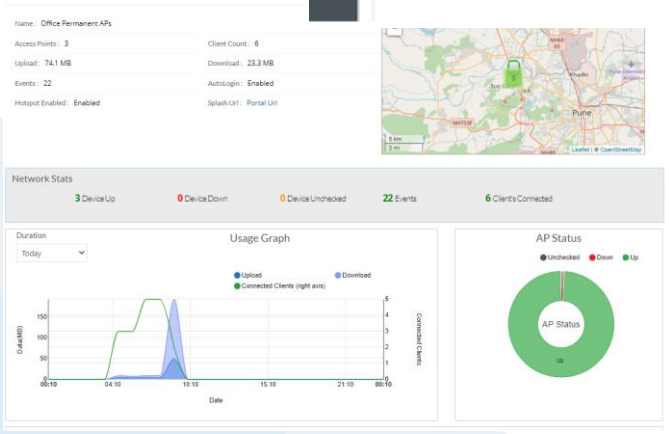
IndioWave Mobile App

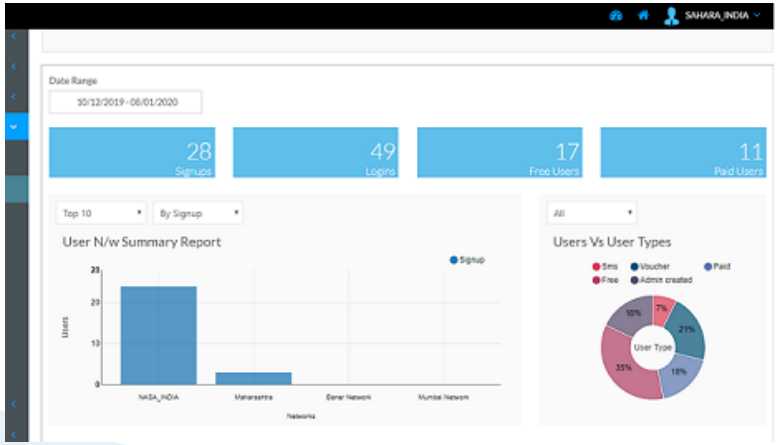
- Specially designed for PM-WANI Hotspots
- Certified by C-DOT
- Integration with multiple payment options
- One-click Hotspot Login
- Hotspot Locator and Maps
- Usage Tracking
- Designed for Android

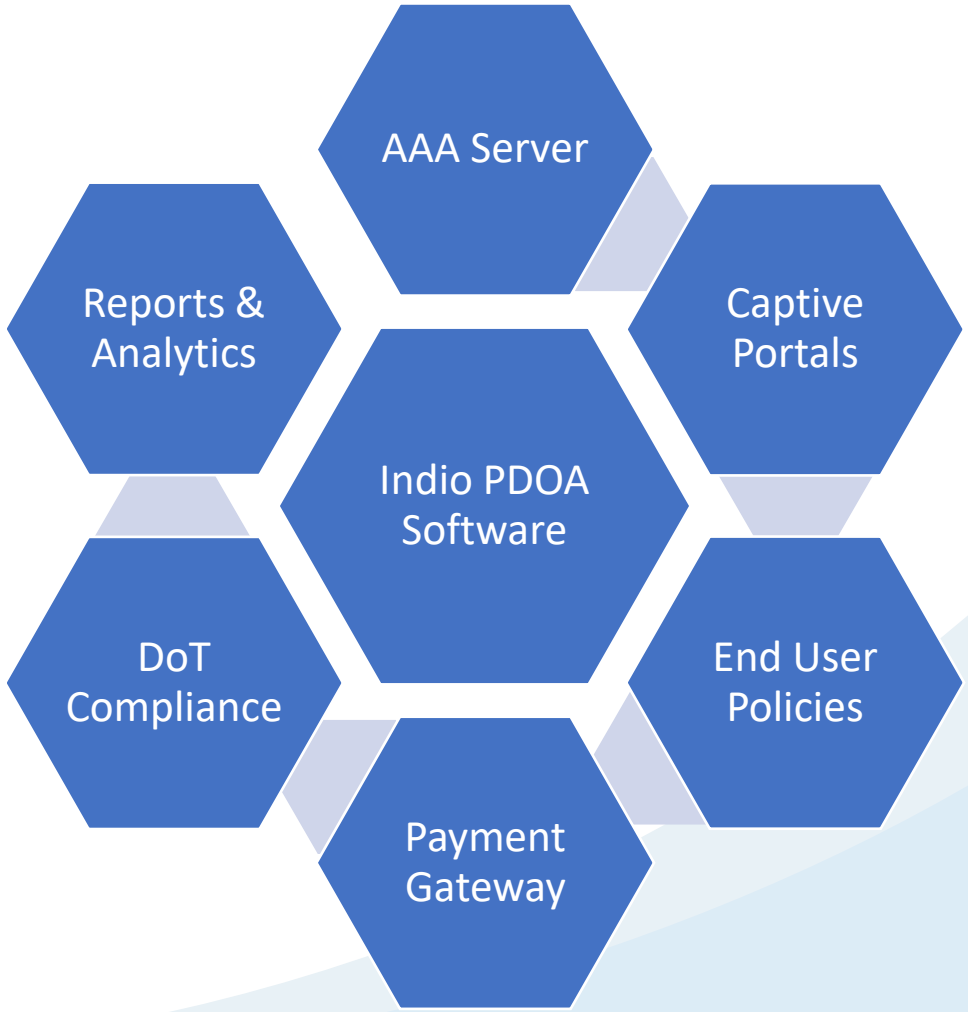


Indio PDOA Manager







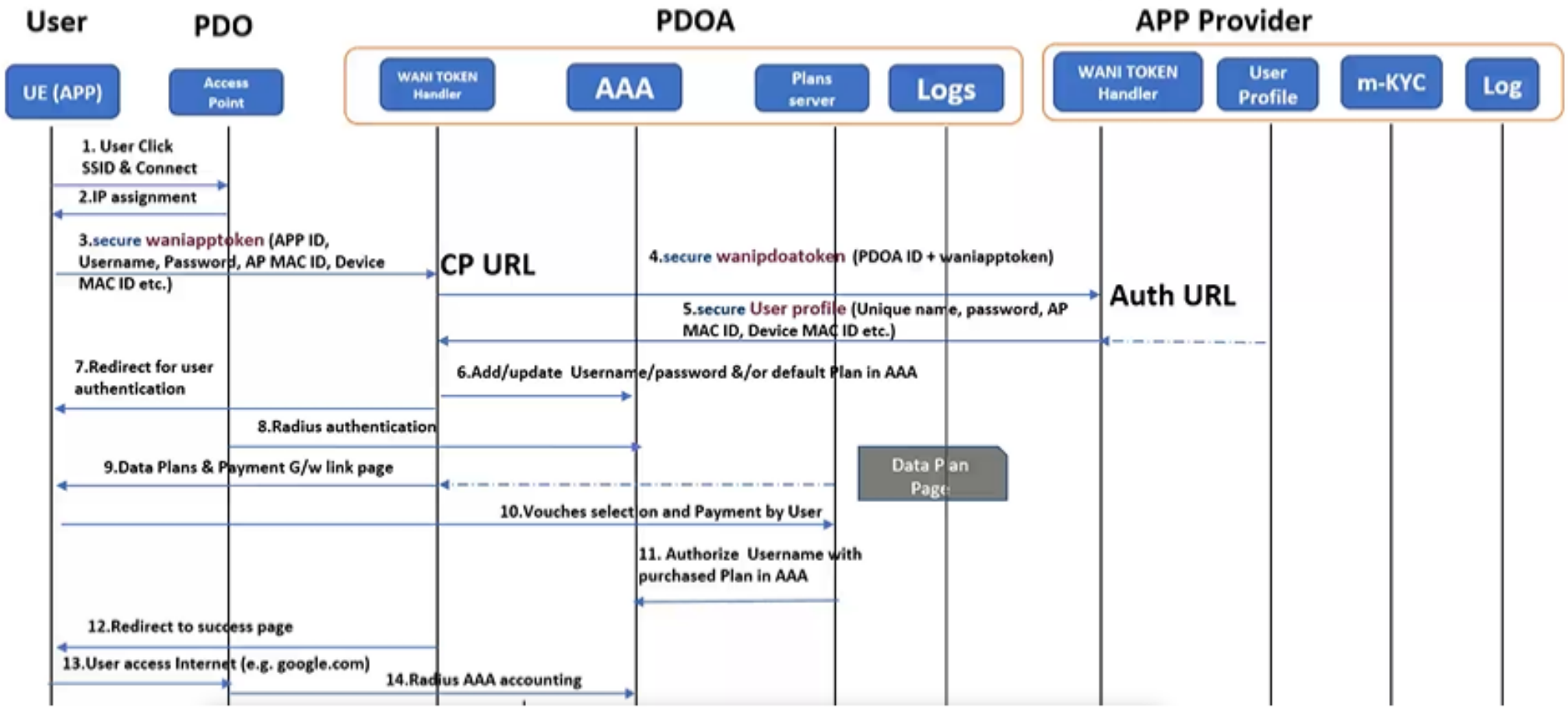


PM-WANI Access Points

- Fully Managed Access Points
- High Performance & Throughput
- Cloud & Controller Managed
- Latest Qualcomm Chipset
- Sleek & Ergonomic Designs
- POE Enabled
- Available in Various Models
- Manufactured in India*

* Selected Models

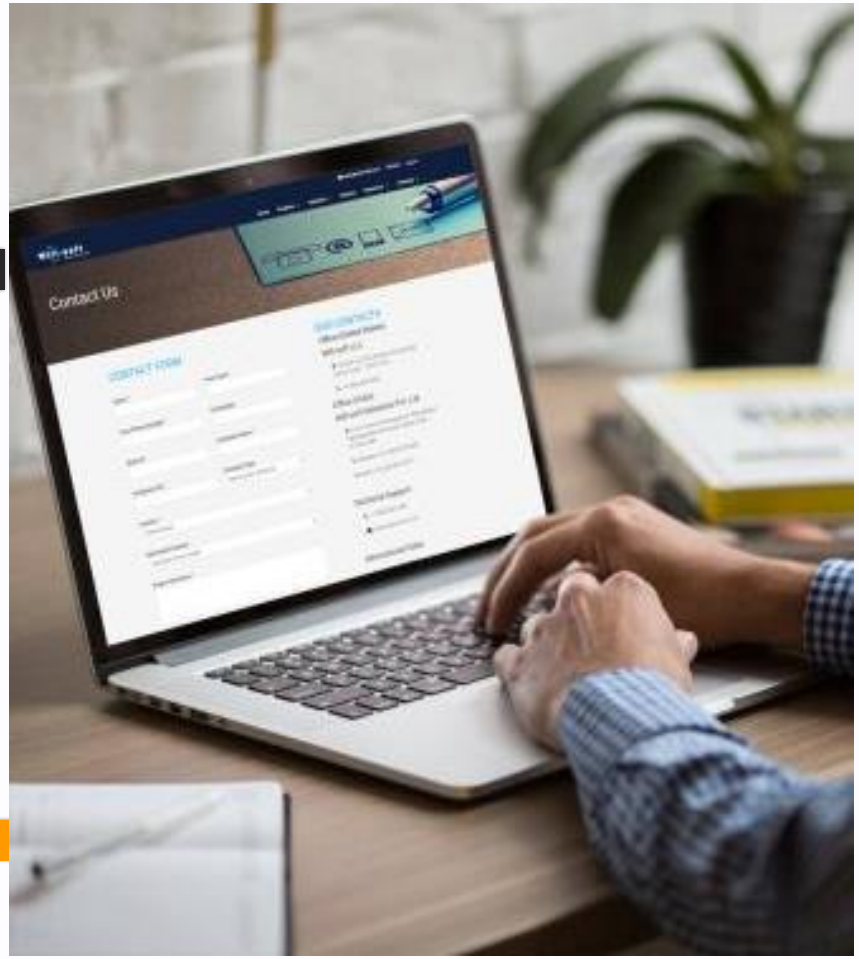
User Login Process



Indio as PDOA

- Indio registered as PDOA
- Operator can use Indio PDOA license
- Indio will provide fully managed service
- Operator can install and maintain PDOs
- Indio will configure, manage and monitor PDO networks
- Operator Charged – Monthly fee or Revenue share
- Option to use operator’s payment gateway
- Reseller Management

CONTACT US



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