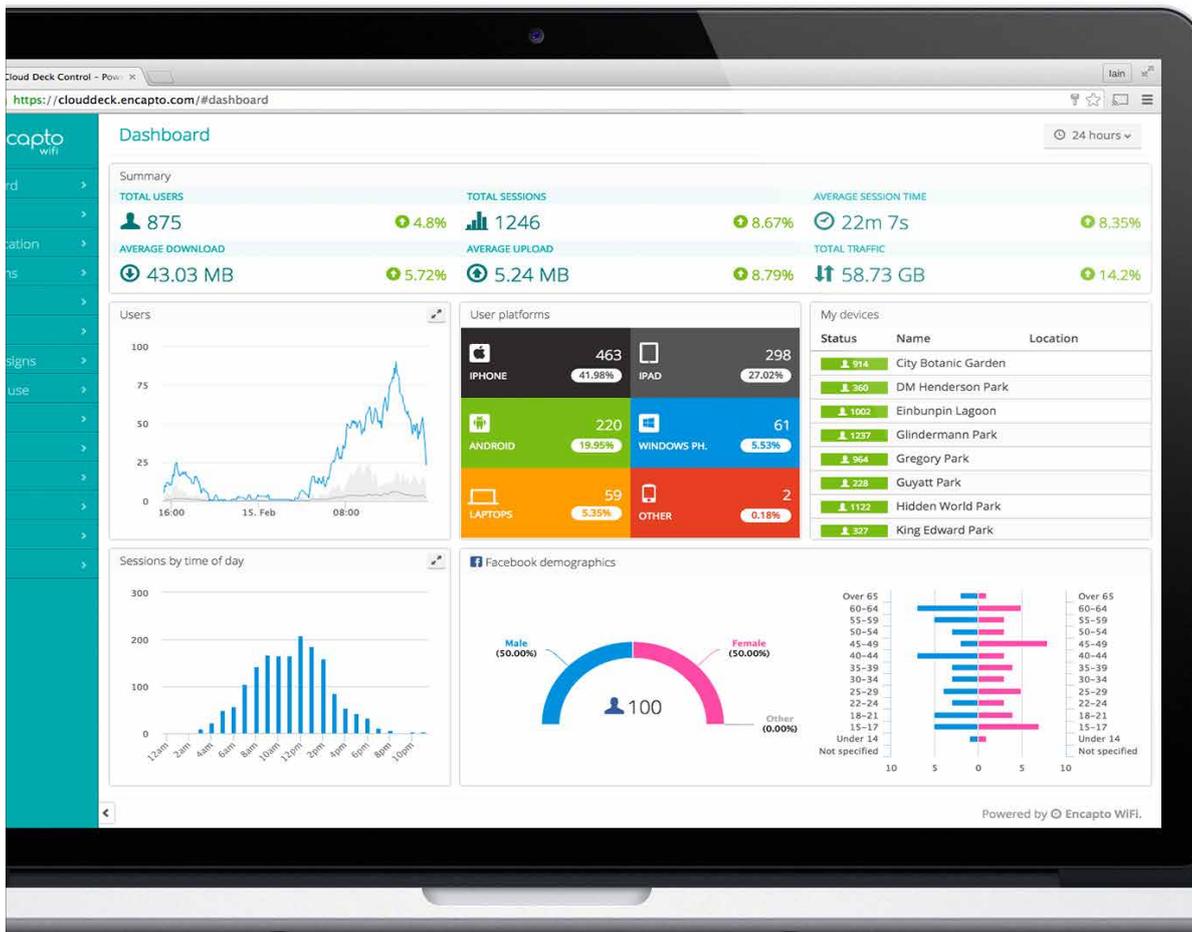## ENCAPTO FOR
CARRIERS

One platform for everything WiFi

A single secure white-labeled dashboard, granular user permissions and full integration with Telco backend systems, makes Encapto the complete WiFi management solution for Telco Carriers.

The rapid growth in demand for mobile data throughout the world makes WiFi a must-have for mobile network operators as well as opening up new opportunities for products and services.
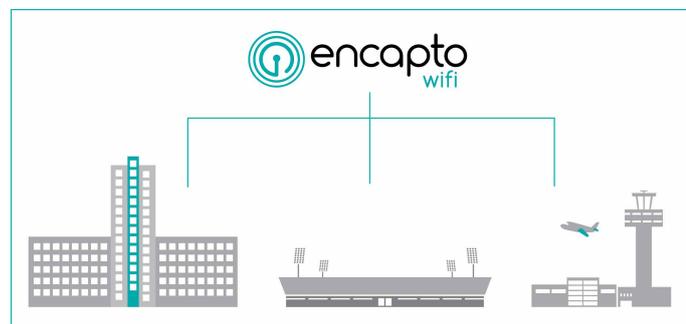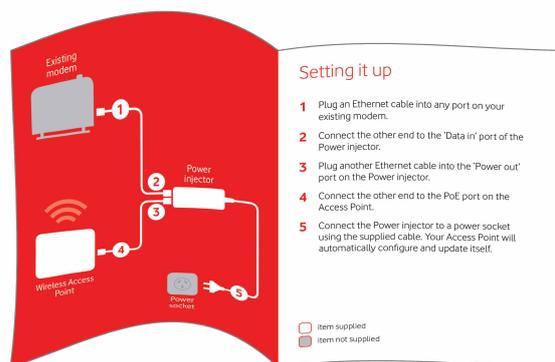
Unmatched user engagement features including scheduled and targeted content delivery are just the beginning. Encapto WiFi enables seamless WiFi connectivity for existing and prospective consumer customers and the provisioning of new services to business and government clients.

Smart SMB WiFi products

As demand for public WiFi increases, new opportunities are opening up in the small and medium business space.

Encapto powers Carrier owned WiFi products that are plug and play with a perfect balance between simplicity of use and client configurability.

- Simplified user interface for SMB clients
- Granular user permissions
- Total network oversight for carrier

Setting it up

1 Plug an Ethernet cable into any port on your existing modem.

2 Connect the other end to the 'Data in' port of the Power injector.

3 Plug another Ethernet cable into the 'Power out' port on the Power injector.

4 Connect the other end to the PoE port on the Access Point.

5 Connect the Power injector to a power socket using the supplied cable. Your Access Point will automatically configure and update itself.

☐ item supplied
☐ item not supplied

Multi-purpose, Single Pane

Deliver municipal WiFi for a local government , engaging retail WiFi to the shopping mall and Telco data capacity to new and prospective clients.
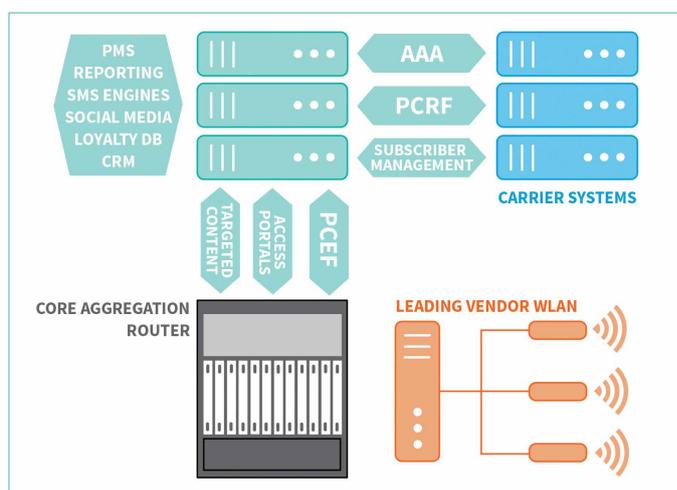
Encapto simplifies the process of deploying tailored sets of SSIDs, portals and authentication methods through your network infrastructure. And you can monitor and report on any network segment with a few simple clicks.
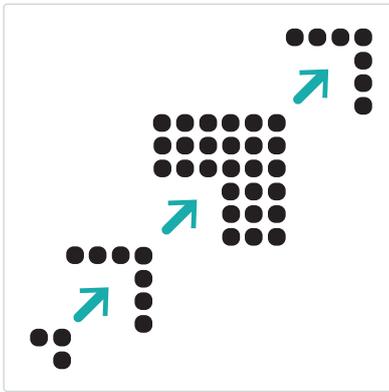
Carrier Core Integrated

With VM, bare metal, or secure cloud deployment, Encapto offers complete control and flexibility at a low entry cost.

Encapto integrates seamlessly with leading aggregation routers and evolved packet data gateways and the BSS/ OSS including:

- PCRF and PCEF
- RADIUS and DIAMETER Servers
- Mediation Zone Servers
- Online Charging Systems
- SMS Gateway
- Customer Relationship Management

PMS
REPORTING
SMS ENGINES
SOCIAL MEDIA
LOYALTY DB
CRM

AAA

PCRF

SUBSCRIBER MANAGEMENT

CARRIER SYSTEMS

TARGETED CONTENT

ACCESS PORTALS

PCEF

CORE AGGREGATION ROUTER

LEADING VENDOR WLAN

Scalability

Simple scalability enables rapid growth while our pay-as-you grow licensing model eases budgetary pressure and provides instant return on investment.
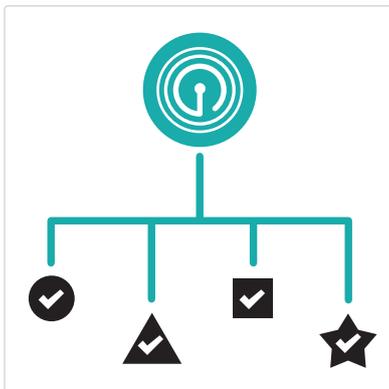
Encapto scales to support millions of concurrently connected WiFi users when deployed using a load-balanced Web Application and clustering.

Hotspot 2.0

Encapto integrates with emerging Hotspot 2.0 technology to enable secure user connections and seamless handoff on and between public networks.
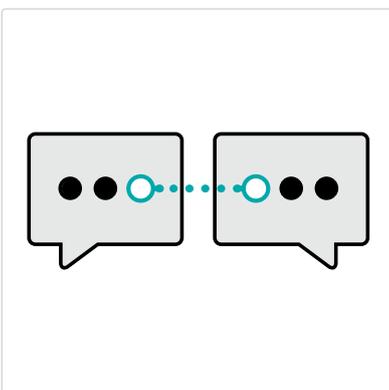
- Design and deploy online signup SSIDs and custom forms
- Configure Hotspot 2.0 authentication from the Encapto interface using leading vendor APIs
- Use Encapto's AAA for authentication or to proxy network operator's subscriber management system
- Shift data demand from congested 3G and 4G networks to WiFi
- Increase footprint and power cost savings via roaming agreements with any sized network

WiFi Agnostic

We recognise a range of quality WiFi equipment manufacturers and their suitability for different WiFi applications.

Encapto's smart management and user engagement features are designed to be applied to WiFi networks from any leading vendor. Whether it's Ruckus or Cisco, Aruba or Samsung, or any combination, Encapto will bring the best out of any Telco WiFi system.

Carrier Features and Benefits

- Site differentiated analytics and user experience
- Customisable call flows specific to your BSS/OSS
- Multi-User permissions and delegation
- Supports both trusted and untrusted WiFi networks
- Highly scalable and fault tolerant architecture
- Support for leading evolved packet data gateways & aggregation routers
- AAA and Diameter integration