

## Simplifying network interoperability

With ever-increasing smartphone growth and usage, and subscribers expecting anytime, anywhere network access, Carriers need to provide frictionless WiFi connectivity to subscribers. 59% of all Mobile data traffic will be offloaded by 2022, according to Cisco VNI Feb 2019.

Accuris is the globally recognised leading platform in simplifying the interworking between and across networks. Accuris solutions enable subscribers to move seamlessly and securely between LTE, GSM, Wi-Fi, IPX and fixed networks, while ensuring a superior quality of experience. Accuris helps service providers monetise the connectivity between networks and is enabling the global interworking fabric for Mobile, IoT and 5G services.

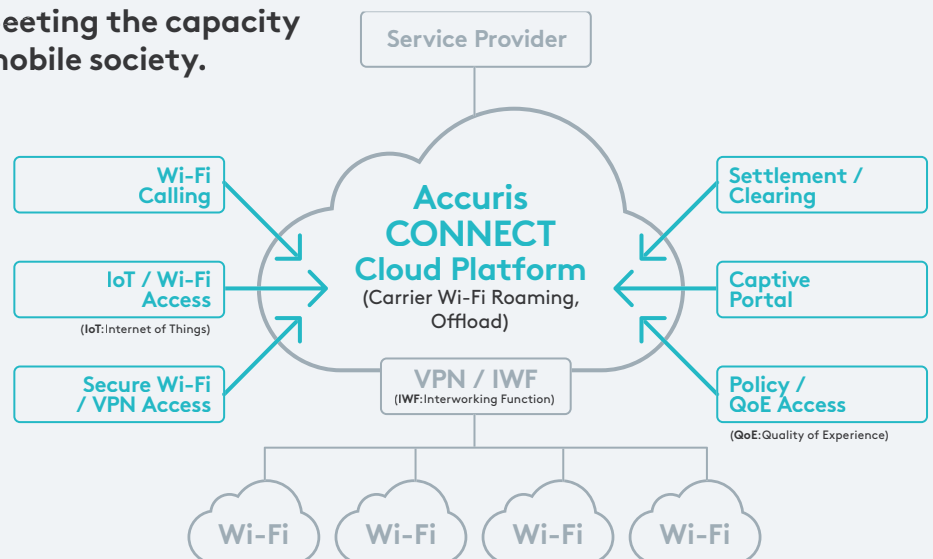


## Accuris CONNECT cloud platform

Wi-Fi is a critical component of meeting the capacity and coverage requirements of a mobile society.

But no one single Wi-Fi network is enough. As a result, service providers need to manage Wi-Fi from a variety of providers and locations, as well as a multitude of access, security and authentication technologies.

To simplify the process of building and managing a comprehensive Wi-Fi platform, Accuris created **CONNECT**, a cloud-based platform for delivering Carrier Wi-Fi services such as Wi-Fi Roaming and Wi-Fi Offload.



## CONNECT Benefits

For Mobile Network Operators, **CONNECT** gives you control of all your Wi-Fi connections:

### Bring Mobile Policy To Wi-Fi

Give subscribers the same service experience on Wi-Fi as on mobile.

### Control Your Wi-Fi

Move, add, change Wi-Fi providers, coverage, as needed.

### Assure QoE

Measure and grow subscribers' Wi-Fi experience by tracking key service metrics.

### Arbitrage Costs Effectively

Prioritise network providers by a range of parameters, including cost.

### Create Peering Relationships

Like GSM roaming, CONNECT lets MNO's create peer relationships between Wi-Fi providers.

### Secure Your Subscribers' Wi-Fi

Ensure the safety of their access to the Internet by using advanced authentication and authorisation protocols.

# Accuris Networks Solutions

## Wi-Fi Offload

Mobile networks are flooded with data from smartphones. Streaming videos, music and gaming are overwhelming the licensed RAN, and mobile providers are turning to Wi-Fi to augment the network with low cost, high-performance throughput.

Yet integrating Wi-Fi access with the mobile core can be difficult. A variety of security protocols, multiple vendors and diverse standards can add complexity and impact the customer experience.

**Accuris Networks** simplifies Carrier Wi-Fi Offload, providing the tools to integrate a wide range of protocols, interfaces and vendors, turning Wi-Fi into a single, cohesive access network.

## Wi-Fi Calling

Mobile Service Providers are turning to Wi-Fi Calling to deliver low cost, high-quality mobile service whenever their subscribers are connected to Wi-Fi, but the ability to scale quickly and cost-effectively to meet demand can be challenging, particularly with bespoke hardware-based security approaches.

**Accuris Networks** Wi-Fi Calling solution is the industry's first software-based Data Gateway (eDGW), combining industry-leading subscriber and service management and standards-based authentication mechanisms (EAP-SIM) with the 3gpp ePDG function.

## Wi-Fi Roaming

International roaming is a competitive business, with rates dropping and little opportunity to differentiate. Plus customers don't want to spend money on roaming – it's estimated that **70% of the time they travel, they remain 'silent'**.

### How can mobile service providers add value and grow revenues in Roaming?

With **Accuris Networks** turn-key Wi-Fi roaming hub, service providers can quickly and easily add Wi-Fi access to existing mobile data roaming plans, discouraging 'Silent Roamers' from using low quality, free alternatives.

**"We hit the 57% (data offload) target last fiscal year, and aim to expand to 65% this fiscal year, which will further reduce our capex"**

**Fumio Watanabe**  
Chairman, KDDI, R&D Labs



**"To maximise revenue, roaming hub providers must support interconnect agreements, data and financial clearing, wholesale billing and settlement services, as well as deliver a high quality of experience to Wi-Fi roamers"**

**Gareth Williams**  
Manager, Custom Research, Analysys Mason

# ZephyrTel

Contact us to find out how our solutions can help your business grow.

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