

Extend your office boundaries

Yes

Give mobile workers and remote applications secure access to the corporate network.

With mobility comes the challenge of keeping everyone connected, regardless of the device they use, their access method, the task they need to perform or where they are doing it from. Optus Wireless Internet Protocol Virtual Private Network (Wireless IP VPN or also known as WIP VPN) extends the business boundaries away from the office by enabling your mobile workforce or remote machine-to-machine assets to securely connect to your company's private IP data network through the Optus mobile network.

How Optus Wireless IP VPN can help you

Optus Wireless IP VPN helps to increase staff productivity while they are out of the office, by offering:

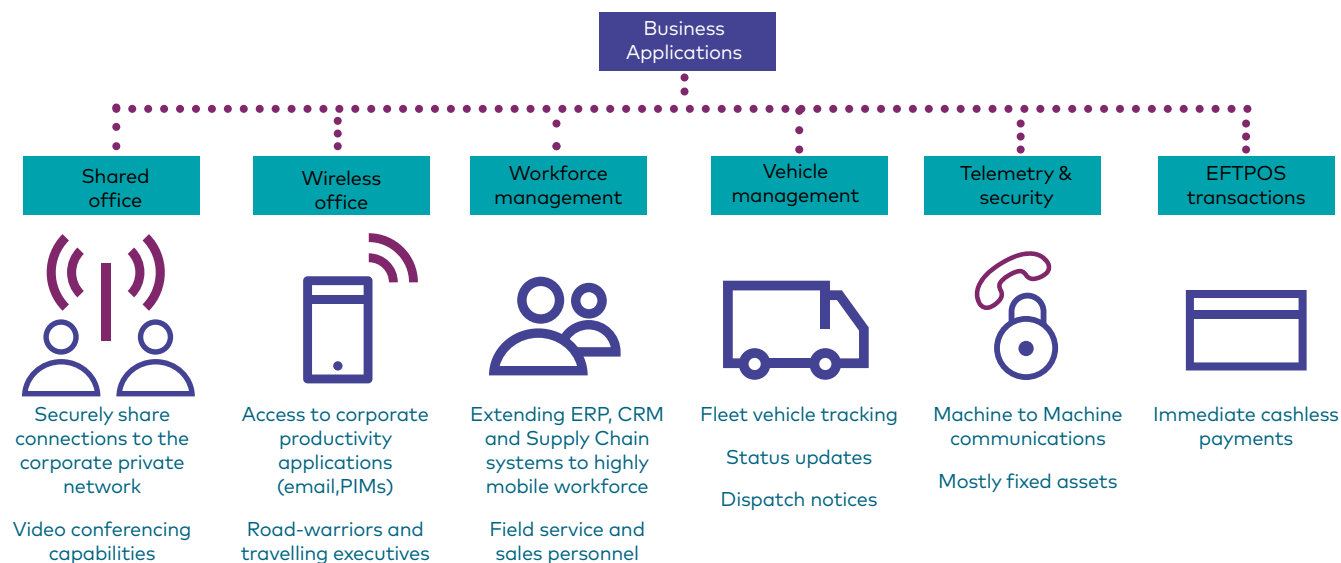
- Increased wireless connectivity to your organisation's private IP data network
- Fast data transfer speeds using the Optus mobile network
- A business grade service support team
- The choice of static or dynamic IP addressing
- A security network – a 'must have' for any large corporations
- An ability to meet the growing demand for wireless working and real time remote access to corporate applications
- Wireless access to replace old inefficient processes
- A way to remove cables and hardwiring which can be expensive and cumbersome

- Direct access to the corporate private IP data network
- Ability to manage end users access and connection attributes as required
- Access to the Optus 3G and 4G Plus networks*

A remote machine-to-machine solution enables geographically diverse business infrastructure to be cost effectively monitored, helping to optimise data collection and asset management. Optus Wireless IP VPN provides secure connectivity from a wireless capable device to your company's private IP data network. Optus Wireless IP VPN can utilise 3G or 4G Plus networks* to deliver a geographically diverse machine-to-machine business solution.

Remote business applications include:

- Mobile EFTPOS
- Vehicle and asset tracking
- Fire and security monitoring
- Environmental and industrial monitoring
- Vending machines
- Smart metering
- Navigation devices and e-readers



* The Optus 4G Plus network is available in selected areas with a compatible device and plan. Check coverage at optus.com.au/coverage.

Solution options available

Optus Standard Wireless IP VPN

Optus Business Wireless IP VPN now with Optus 4G Plus network* access is offered as a highly configurable solution that can be tailored to your company's specific network and security requirements with numerous configuration options available.

Network connectivity

1. Secure mobile connectivity tunnelled via IPSec/GRE across the public internet to your company's private IP data network, offering a cost effective solution for the delivery of low value information and/or access to business applications.
2. Secure mobile connectivity directly into your company's private Optus Evolve IP VPN network, offering a robust solution for the delivery of high value information and/or access to business critical applications. An existing Optus Evolve IP VPN Network connection is required for this option to be available for mobile connections.

IP addressing

Two IP address assignment options depending on your business needs:

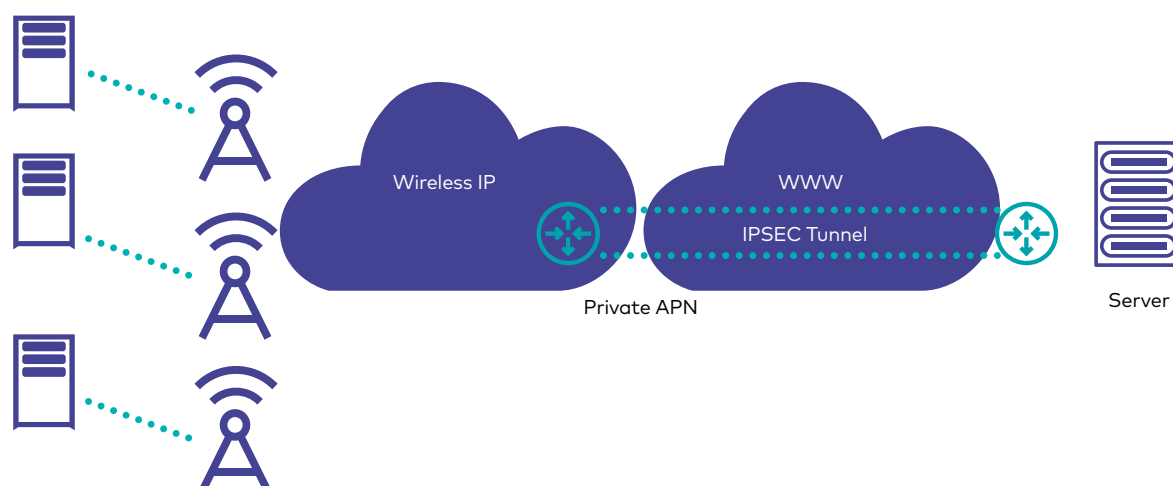
1. Network Assigned IP address in which wireless end devices are assigned IP addresses from a range dynamically by the network.
2. RADIUS Assigned IP address in which wireless end devices are assigned IP addresses statically from a chosen RADIUS server (i.e. a device will get the same IP address each connection)

End user authentication

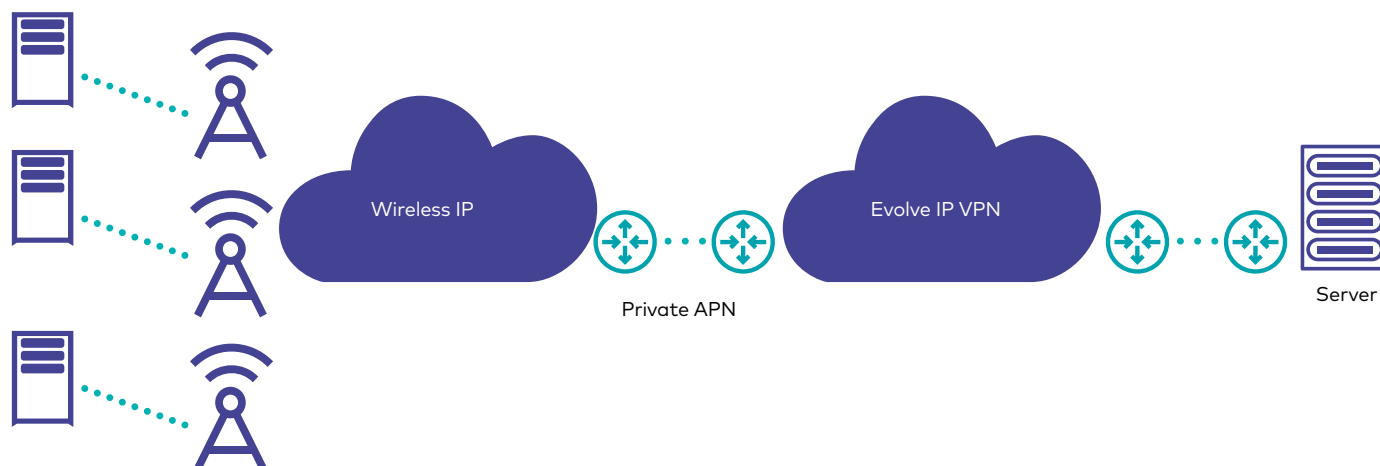
Three end user authentication options depending on your requirements:

1. None: End user authentication is not required, this option is limited to the Network Assigned IP Addressing option.
2. Optus provided RADIUS: End users are authenticated via a self managed Optus provided RADIUS solution.
3. Customer provided RADIUS: End users are authenticated via your own RADIUS server.

Wireless IP VPN via IPSEC/GRE (over public internet)



Wireless IP VPN via Evolve



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Benefits

Optus WIP VPN extends the business boundaries away from the office, to provide you with:

- Access to the corporate LAN / WAN while out of the office
- Access to essential applications and information
- Remote monitoring of assets to optimise management
- Mobile commerce solutions (eg, EFTPOS)
- The ability to operate on your organisation's own private wireless network
- Mobile connectivity within Optus data network coverage areas
- Access to the Optus 4G Plus high speed low latency mobile network*
- Ability to seamlessly roam between the Optus 4G Plus and 3G mobile networks*
- Manage connectivity and performance by controlling access and connection attributes (such as assigned IP Address) for remote device management

Optus WIP VPN can provide cost efficiencies for your business, including helping you:

- Eliminate duplicate processes and improve end device resource management via the use of an network integrated RADIUS Server
- Reduce data entry errors by enabling data to be entered directly from the field
- Remove the need for expensive fixed line transactions
- Optus WIP VPN provides unique security features, including:
- Dedicated Access Point Name (APN) for each corporate VPN
- Permitting access to only nominated users provisioned on the APN
- A choice of secure connectivity methods
- A RADIUS server authentication option
- A Static IP Address assignment option providing total end device control