

# FIXED IP DATA SIMS

Dependable two-way communication between any device and from any location.



## Why Prodec Networks?

Prodec Networks Fixed IP Data SIM Solutions provide dependable two-way communication between any device and from any location. With numerous benefits, Data SIMs are rapidly becoming a popular choice for businesses of all sizes that rely on staying connected.

## Fixed IP Address

A fixed IP address (also known as a static IP address) is an address, which an internet service provider (ISP) assigns to a computer to be its permanent address on the internet. Computers or machines locate and talk to each other via the internet, and consequently via the IP address.

The advantage of a fixed IP address is that no matter how many times connection is lost from the network, the IP address remains the same – meaning that you have guaranteed seamless connectivity, and two-way communication that can be transmitted, either from the device, or from the server. Prodec Networks is linked to a private Access Point Name (APN), meaning that connection is real-time, as the device does not have the delay of contacting a host computer.

With a range of uses and benefits, Prodec Networks Fixed IP 3G Data SIM solutions are ideal for:

- Telemetry applications
- Smart metering
- Electronic Point of Sale (EPOS)
- Digital signage applications
- CCTV remote access
- Remote monitoring of exposed sites (wind farms, generating equipment)
- Remote Desktop Protocol (RDP)
- Vehicle tracking

## Fail-Safe Connectivity

Prodec Networks is able to provide its customers with a fixed public IP address that links to the data SIM. With a private Access Point Name (APN) Prodec Networks issue fixed RFC1918 (Private) addresses to specific data SIM cards. The IP addresses are issued by our Radius servers, which are based on username, password and MSSID credentials. All IP addresses are routed separately in our core network; we translate them to a fixed public IP for access to and from the internet. The combination of the APN, Radius servers and route translation, ensures that each individual data SIM gets the fixed IP address that it was issued with, and the promise that this will never be changed.

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## Assured Resiliency

Cellular technology and indeed 3G/4G data SIMs have the advantage of being wireless, meaning that unlike many solutions the connection is not reliant on a duct or an exchange. Prodec Networks Fixed IP 3G/4G data cards are an ideal back-up solution – in the majority of cases, it is likely that a secondary fixed line uses the same duct from your building and the same exchange. If either the duct or the exchange are damaged (diggers, flood, power cut), then it is probable that both connections will fail – Prodec Networks Fixed IP 3G/4G Data SIM solutions provide you with assured resiliency.

Prodec Networks Fixed IP 3G/4G SIMs are compatible with the following products, giving added resilience:

- DSL (can be used as a backup solution)
- Hosted Exchange (Cloud based Email and SharePoint)
- Bonded 3G
- Leased Lines (can be used as a backup solution)

## Flexible Data Packages

Prodec Networks have the ability to create bespoke packages tailored to your individual needs.

## Aggregation options: Don't want to pay for unnecessary usage?

If you take more than one SIM, Prodec Networks will bundle all the monthly data allowances together to give you a pot of bandwidth, which can be used each month across all SIMs. This allows heavy users to use spare data from lighter users without incurring additional charges until the full data allocation has been used.

## Bonded Options: Thought 3G was too slow?

Mobile Data Connectivity from Prodec Networks is a solution that helps build a stable and reliable Internet connection by bonding multiple connections. Prodec Networks can bond up to six SIM cards to provide superfast wireless broadband – even in rural areas home and abroad.

This is an ideal solution for all types of organisation for a variety of reasons: organisations with a corporate VPN and a remote workforce, such as road warriors, photo or TV journalists, road shows, live shows or other events and festivals.

## CONTACT PRODEC NETWORKS

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