

# Data Sheet

## Connectivity

### Internet Connectivity (IP Transit)

Undoubtedly, Green Cloud Hosting's Internet Connectivity service has it all; low latency, maximum redundancy, and superb availability with over 35 data centre points of presence across the UK. Green Cloud Hosting provides its connectivity at all core sites over its high quality multiple 10Gbps UK network.

Our Internet connectivity includes 100s of direct connections with ISPs and multiple Tier 1's including Tinet and NTT. With our multiple providers, connections and routers, we're able to ensure the fastest and most reliable connections for our customers. At Green Cloud Hosting, we offer three different types of IP Transit for businesses to choose from; Tier 1 IP Transit, Multihomed IP Transit and Partial IP Transit.

Using Tier 1 IP Transit from Green Cloud Hosting ensures your connectivity will travel across the Internet using carefully selected Tier 1 providers such as Tinet and NTT. This can ensure global high speed connectivity at prices cheaper than going direct, thanks to the wholesale rates we receive.

Multihomed IP Transit connection combines Tier 1 IP Transit providers with Green Cloud Hosting's own network and peers in order to provide a more robust connection than Tier 1 IP Transit offers. The routes offered via Green Cloud Hosting's Multihomed service usually provides a quicker overall route for your traffic, thereby reducing your latency.

Green Cloud Hosting's Partial IP Transit connectivity service utilises traffic routes via our peering partnerships and Internet Exchanges such as LINX and LONAP. This service is great for UK-based traffic for those familiar with BGP.

Whichever Internet Connectivity service you take from Green Cloud Hosting you can be sure of 24/7 technical supporting from Microsoft and Cisco qualified professionals.

### Interconnects (Point to Point Connections)

Green Cloud Hosting's Interconnect, or Point-to-Point, service allows you to connect between data centre presences at speeds of up to 1Gbps. We run an all-Cisco network to provide you with the highest quality connections across our renowned 10Gbps network.

Through our own network, and those of our partners, we can now offer this interconnect service to numerous data centres across the UK and in Europe. This essentially allows you to create your own private, data centre connected network.

Additionally, as our data centre point to point service is completely transparent, this service creates a whole new avenue of possibilities for your business. It allows you access to more data centres, giving you the option to backhaul customer traffic back to your core network, without the extra cost of installing equipment at the site.

You are no longer restricted to hosting in one data centre. The Interconnect service can be configured to use 802.1q, enabling you to have full confidence that the traffic which traverses over the circuit is secure and can support multiple VLANs (QinQ). All Green Cloud Hosting services are fully monitored, and come with a 99.95% SLA as standard, or 100% SLA for dual ports.

Green Cloud Hosting's Interconnect service is also a perfect component for your business continuity plan, as it can transfer data from your primary location to your secondary location at high speeds. For example, customers have used this service for their own data backup and disaster recovery services.

We like questions:

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## Wireless Internet

Understandably, everyone is searching for a high speed Internet connection. Leased Lines are a popular choice, given their ability to provide you with an uncontended connection to the Internet, meaning you're far less affected by others' usage patterns. We know what you've heard though; they're expensive, and they take months to install. Shouldn't there be an easier option which is just as or more effective? There is: Wireless Internet.

We've already begun rolling out our Wireless Internet service, which is currently being utilised in Dorset to provide faster Internet connectivity to businesses, and to provide connections in areas previously considered broadband "notspots".

This service provides the same private connection to the Internet without the need to dig up roads surrounding you, thus avoiding the potentially costly Wayleave agreements from the local council, building management and long time scales.

Our Wireless Internet service operates by having a high speed connection (usually 10Gbps) delivered to a centralised location which then becomes a "hub". This hub transmits a signal via Wireless antennas to provide reliable, high speed Internet connections.

Wireless Internet provides the advantage of being available in locations traditional technology cannot reach, and those areas suffering from poor Internet speeds.

Obviously, you want as little disruption as possible when you start to use our service. A major advantage to our Wireless Internet service is that installation couldn't be simpler. We'll arrange a convenient time to come and install and configure the equipment for you.

## Leased Lines

Leased Lines provide direct connection for voice, data Internet and video communications. Leased Lines are a totally secure, high speed connection that is dedicated for your use, for a fixed monthly fee.

A Leased Line provides businesses with a consistent and reliable connection to the Internet. They are substantially faster and can offer more capacity than ADSL or SDSL. If you're looking for quality and capacity connections ranging from 2Mbps to 1Gbps, then this is the ideal solution.

Green Cloud Hosting offers Leased Lines primarily for two main purposes. The first is to connect two locations, perhaps for the purposes of secure, high speed data transfer. Secondly, a Leased Line can give you a direct connection to a chosen Internet connectivity supplier. Many companies opt for this service because it can provide fast data transfer rates and can be extremely cost effective when used heavily.

We have relationships with numerous Leased Line providers, who we work with on a wholesale basis. This means that you can be sure of the best price for your Leased Lines when you speak to us.

Green Cloud Hosting's Leased Lines also boast excellent choice, allowing you to choose the most relevantly sized connection for your business. This allows you to avoid costly charges for speeds you will never use.

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