



Secure Resilient Networks

# Resilient connectivity

Enabling your organisation to focus on delivery

CI-Net provides the connectivity products appropriate for each customer's unique set of requirements. Whether it is Dial, DSL, RedKite, E1 leased line, free space optics or Ethernet, CI-Net has the expertise to help you make the right connectivity choice.

As businesses rely more and more on IT systems there is a critical need for all employees to be able to safely connect to corporate systems and the Internet wherever they are. CI-Net can provide connectivity solutions for all your needs: head office, regional office, home office or travelling work force.

## Bandwidth hungry

While most organisations already have connectivity solutions in place, the increased use of IT systems, the incorporation of graphics and movies and the convergence of data and voice mean there is a demand for higher bandwidth, improved quality of service, greater reliability and additional security. Constant changes in technology allow legacy networks with low bandwidth to be replaced with higher bandwidth IP networks. We have been able to upgrade many of our customers from 512 Kbps to between 2 - 4 Mbps without significantly increasing their annual spend.

## Professional support

CI-Net supplies innovative technology from a wide range of telecommunication suppliers to offer you the best value for money. We can draw on the knowledge and experience of our professional services team who will help you make the best connectivity choice for your organisation and will then guide you through the entire process - from design and implementation to on-going support and management.

## Wide connectivity choice

CI-Net can draw on a wide range of connectivity products to ensure we offer the service which best suits your specific needs and budget.

## DSL

DSL products are often used as resilient connections for large offices or as main links for remote sites or home users. CI-Net has developed a thorough understanding of these products and now provides three DSL services.

- Standard ADSL circuits with a fixed bandwidth (256 Kbps upload & 512 Kbps – 2Mbps download) and no limit on the monthly data transfer amount, although a fair usage policy applies.
- ADSL Max circuits with up to 8 Mbps download and up to 400Kbps or 800Kbps upload. Data transfer caps ensure that low-usage customers are not penalised for having the same tariff as heavy-usage customers.
- SDSL services for customers who need higher upload speeds offer a 10:1 contention ratio and speeds from 512Kbps – 2 Mbps.

**One of the key roles of CI-Net is to protect its customers from the complexity surrounding connectivity selection and provision.**



## Leased lines

For requirements of up to 2 Mbps with 1:1 contention CI-Net uses its extensive network of telecommunication wholesale partners to source the best leased lines according to customers' budgets and location. This means our customers are not penalised when providers lack a point of presence where connectivity is required.

## Ethernet

For customers who require speeds of 2Mbps and more with dedicated 1:1 connection CI-Net sources the best Ethernet bearers based on price and location. The service is provided with SLA and supported by the CI-Net Customer Support Team which means customers maintain a single point of support. CI-Net's extensive network of telecommunication wholesale partners enables us to design diverse routes for traffic creating true resilience.

## RedKite

RedKite is a scaleable high-speed Internet connection, which combines the resilience and reliability of a leased line with the affordability of business DSL services. The result is an Internet connection with speeds of up to 100 Mbps at an exceptional price. Delivery can be in a matter of days and with an SLA of 99.9% availability, RedKite can be used as a replacement to wired solutions or as a high quality, low-cost resiliency service.

## Free space optics

Free space optics is a line of sight technology, which uses light to provide point to point wireless connections. Ideal for high speed short distance connections FSO products can offer link speeds from 2Mbps to 2.7Gbps over a maximum clear line of sight path of 2km.

## iPass Global Roaming

iPass gives your mobile workforce around the world a safe, simple, low-cost way to connect to your systems from non-company locations such as hotels or Wi-Fi hotspots. With the world's largest virtual network your users can dial up from 160 countries and over 78,000 hotspots.

## 0800 chargeback

This service delivers reliable dial-up Internet access at a fraction of the cost of GPRS, giving you higher quality data transfer whilst eliminating the expense of mobile and hotel phone bills. Complex expense claim processing is replaced by one central, fully itemised invoice, which reduces administration effort.

## Please contact us for further information

CI-Net Network House Langford Locks Kidlington Oxfordshire OX5 1GA

TELEPHONE 01865 856000 FAX 01865 856001 EMAIL info@ci-net.com WEB www.ci-net.com

## Our customers tell the story

### Merseyside Fire and Rescue Authority

With approximately 1,700 staff employed at its Community Fire Stations and administrative centres effective communications are critical to providing a quality service. When MF&RA introduced a secure system to enable senior officers to work from home, ICT Manager George Wood looked for an Internet access solution that was effective and simple to rollout.

"CI-Net was able to offer a single contract covering home users across the region, thus reducing administration effort. They could also offer a prompt and efficient support team and a dedicated technical account manager to resolve any queries. The single contract and the sheer simplicity of installation were key factors in our decision making process."

A major benefit of having just one supplier across the region is billing. Each individual pays their normal phone bill to BT, and MF&RA covers the fixed cost of the router and the low contention ratio broadband service by a single call off order.

### The Royal British Legion

Armed Forces support organisation, The Royal British Legion which is responsible for the annual Poppy Day Appeal, installed a Sunflower free space optics link from CI-Net which provides a 100Mbps LAN connection between their two London offices.

"Once we placed the order it took CI-Net only half a day to have the connection up and running, and the installation caused minimum disruption to our operations," says Fred Kavoussian, Network Manager of The Royal British Legion. The free space optics solution delivers very high bandwidth and boosts productivity by providing a high-speed LAN-to-LAN backbone connectivity between the two British Legion offices.

#### Some of CI-Net's Connectivity Customers

Cobbetts  
Oxford Innovation  
Clarke Wilmott

Walker Books  
Electrolux