

Long-awaited technology saves time, money

Orange County Internet users may no longer have to suffer the frustrations caused by busy signals, bandwidth bottlenecks, data traffic jams or downloading delays. Pacific Bell and Orconet, a statewide data solutions and Internet service provider, have teamed up to bring Orange County businesses and residents the hottest offering in Internet access technology.

Internet users can access this high-speed, statewide service via Pacific Bell/Orconet's asymmetrical digital subscriber lines, more commonly known as ADSL. ADSL is a dedicated service which provides a user with "always on" Internet access without interfering with voice calls traveling over the same telephone line.

ADSL can download data over existing copper telephone lines at a rate of up to 1.5 megabits per second, or 50 times faster than traditional dial-up connections.

The ADSL service is currently available to businesses or residents located within approximately three miles of a Pacific Bell central office. ADSL is currently available in many Orange County cities, including Costa Mesa, Laguna Hills, Corona Del Mar, Newport Beach, Santa Ana, Anaheim, Irvine, Garden Grove, Tustin and Fullerton.

"This (ADSL) is fabulously fast and saves me so much time," said Dan Sirkin, president of Miracle Offset Printing of North Hollywood, who has been beta testing the ADSL service for Orconet. "I can download a 7-megabyte file in one-and-a-half minutes where in the past this same size file would have taken a half-an-hour to download."

Orconet's monthly fee for ADSL access varies depending on the level of service ordered, but monthly access fees for Orange County residents start at \$98 a month for a one-year commitment for 384 Kbps/384Kbps (kilobits-per-second) service. The \$98 fee includes Internet access, e-mail and all telephone line fees. Modem installation costs are not included.

For companies needing more high-powered access for video conferencing and business-to-business data transfer, 1.5Mbps/384Kbps service is available.

"Business-to-business Internet users have been clamoring for reliable high-speed connectivity for e-mail, data, video and other time-sensitive digital services," said John Leon, Orconet's network development officer. "Orconet has met that demand and is one of the first companies in Southern California to offer this service through Pacific Bell's FasTrack DSL program."

Orconet's ADSL network is designed

with high-capacity redundant SONET connections, leading-edge routers and power backup systems. The network is 100% fiber optic, self-healing and offers redundant digital rings. In addition, the network is directly connected to the Internet through multiple tier-one backbone providers, allowing users to experience the highest quality voice, data and video transmission possible, Leon said.

"We have designed and built a secure, reliable and powerful communications network

capable of ATM (asymmetric transmission mode) connections and LANE (Local Area Network Emulation) throughout California," said Maury Rosas, Orconet's president. "Our Internet services are offered as integrated solutions, or can be tailored to meet individual needs."

Orconet established as a solution for managing communications costs

In 1994, Orconet's CEO, Marv Bain, was reviewing the long distance communication costs for another company he owns, Circuit Image Systems (CIS) of Orange. As the review progressed, Bain realized that CIS' communications costs were too high and unacceptable.

He knew there had to be a more cost efficient way for CIS' Southern California office to communicate with CIS' customers and regional offices in San Jose, Calif. and Vancouver, Wash.

Founded by Bain in 1983, CIS distributes and sells electronic materials, equipment and services for Dupont, General Electric, Ciba-Geigy and other major principals in the printed circuit manufacturing marketplace.

In his quest to slash his firm's burgeoning communications cost, Bain sought out John Leon, who at that time was the corporate information manager for CIS.

Together, the pair devised a game plan for utilizing the Internet to help control inter-company and customer communication costs.

The plan involved installing a voice over frame relay connection between CIS headquarters and the firm's San Jose office. The new secure network was so successful that the firm realized a 65% reduction in its long distance communications costs.

"We figured if we could save that much money for CIS, that we could probably do the same for other companies," Bain said

With that in mind, Bain established Orconet in 1995. Today Orconet supplies Internet users throughout California with a variety of leading-edge technologies and data communications solutions for doing business over the Internet.

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Rosas



Leon

"WE HAVE DESIGNED AND BUILT A SECURE, RELIABLE AND POWERFUL COMMUNICATIONS NETWORK THROUGHOUT CALIFORNIA."