



AT&T DEDICATED HOSTING SERVICES INTERNET DATA CENTERS

Reliability and Security for Mission Critical Web Sites

- Award-winning Dedicated Web Hosting Services
- Multiple state-of-the-art Internet Data Centers, located around the globe
- Mirrored, geographically dispersed Network Operations Centers
- OC48 Global IP Backbone connectivity

For enterprise web sites handling business critical applications, nothing less than bulletproof security and the highest possible network reliability assurances will do. AT&T Dedicated Hosting Services rise admirably to meet these challenges.

AT&T's award-winning dedicated web hosting services are deployed from dedicated servers housed in one or more of AT&T's state-of-the-art Internet Data Centers. The Internet Data Centers provide unparalleled high-speed reliability. Within each Center, data is transported via AT&T's expansive OC48* Global IP Network and extensive private peering networks, at multi-gigabit speeds.

Currently, AT&T has fully operational Internet Data Centers in New York City, San Diego, Redwood City, California (San Francisco area) and Phoenix, AZ. In addition, an extensive Internet Data Center buildout which will add up to 23 additional Internet Data Centers, is underway. These centers will be located both internationally (in the United Kingdom, Germany and the Asia/Pacific region) and in major cities across the U.S.

The buildout will also double the size of the existing Internet Data Centers and make more than 1 million square feet of conditioned space available for AT&T's hosting and co-location customers.

AT&T Internet Data Centers — Key Features

- 24x7 Network Operations and Monitoring Centers (NOCs)
- Diverse fiber entrances; multi-network capabilities for alternate routing
- Internationally and geographically dispersed with multiple mirrored NOCs for failsafe redundancy and diversity
- Direct connections to AT&T's expansive OC48* Global IP high speed, high reliability, network infrastructure
- Redundant HVAC cooling, heating and humidity control
- Dual AC and DC power feeds with multiple backup systems, including uninterrupted power supply (UPS) units and backup generators
- Fully redundant fire detection and suppression systems
- Fault tolerant, highly-scalable network architecture
- Fully optimized network, managed by highly-skilled AT&T network administrators and technicians
- Rapid response disaster preparedness and recovery measures

Facilities Access Security

All AT&T Internet Data Centers are located within hardened telco facilities, protected by multiple security measures.

Access to the Internet Data Centers is limited to authorized personnel only. Security is controlled through interior and exterior surveillance via multiple closed circuit TV (CCTV) monitors and motion detectors as well as multi-layered identification protocols including: electronic key cards, photo IDs, alarms, and signatures. AT&T security personnel and on-site technicians also continuously monitor activity at each Center.



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Access to individual customer's racks and floor space is protected, at minimum, by an individually locked wire cage (0.25 inch thick wire) that extends through the raised floor to the sub-floor beneath. Secure cabinets and rooms will provide additional security where needed.

Network Access

Best of breed network components using industry leading servers, routers and Ethernet switches combine with AT&T's network optimization expertise to help assure secure high speed routing. The highest possible reliability assurances are backed by Service Level Agreements (SLAs). Over 90 percent of AT&T's Internet traffic is routed over the AT&T IP Backbone or private peering connections, ensuring fast Internet connectivity, with a minimum number of router hops between networks.

Network Infrastructure Excellence

Each Internet Data Center has direct connections to the AT&T Global IP Network, an expansive redundant high speed network with comprehensive domestic and international coverage.

Within the United States, the core IP network consists of OC48-OC192 circuits. AT&T is the first IP Network utilize fully functioning OC192 circuits*.

Globally, the network features nearly 2000 international POPs, with multinational access from more than 850 cities in over 50 countries. Significant bandwidth expansion internationally is also underway. In addition, the AT&T/British Telecommunications Global Venture – Concert, is already underway to provide a network infrastructure linking 100 of the world's major economic centers.

An Assurance of Quality, Reliability and Scalability — Now and in The Future

AT&T Dedicated Hosting Services customers have the peace of mind of knowing that their data is protected within AT&T's high reliability, fully scalable Internet Data Centers, with multiple physical and logical security measures and assurances, backed by Service Level Agreements.

AT&T is committed to remaining a technology leader and providing it's customers with the world's best combination of quality IP services, leading edge technology, and unrivaled customer support. AT&T has been the pioneering force behind network and telecommunications research and development for over 100 years. Mission critical web sites deserve only the best assurances. They deserve the assurances provided by AT&T.

- Options for load balancing and failsafe reliability
- Diverse physical and logical security protocols
- Multiple backup and redundancy measures
- Rapid response disaster recovery and preparedness

For more information, contact your AT&T Account Executive, AT&T Alliance Program Agent, or call us at 1-800-288-3199. Visit our web site at www.att.com/ipservices

* AT&T currently provides OC48 service in the core backbone with limited OC192 service in key cities. OC192 service to the core backbone is anticipated to be complete by year-end 2000.