AT&T Hosting and Application Services Snapshot

The What	AT&T's Hosting and Application Services deliver a range of hosting and management capabilities that provide organizations with a global, secure network infrastructure and managed hosting services. Designed to support business applications with leading technologies, high-performing facilities, comprehensive capabilities and the leading-industry customer portal, AT&T Hosting and Application Services help ensure continuous availability, optimal application performance and routing, and secure delivery of data and information. AT&T's expansive portfolio includes security, storage, intelligent content distribution, load balancing, multiple-carrier failover IP connectivity, utility computing and virtual services offerings, professional services, VPN and data networking integration and more.
	AT&T Hosting and Application Services offer an unparalleled breadth of hosting services ranging from fully managed solutions with a comprehensive range of applications management capabilities to robust disaster recovery and business continuity services. Customers in a wide range of industries are entrusting their critical applications from simple co-location hosting services (where companies park their servers in an AT&T Internet Data Centers) to the monitoring and management of the applications and web sites of some of the world's best-known retailers, media and online gaming companies and financial services firms. AT&T Hosting and Application Services is the technology that is enabling global commerce.
	Customers can choose from several levels of AT&T involvement in their system management – from industry-leading fully managed hosting solutions where AT&T manages all aspects a client's infrastructure and application software delivery up through the operating system to client-managed collocation services. Options include:
	AT&T Synaptic Hosting(SM): AT&T Synaptic Hosting is an end-to-end managed applications hosting solution providing local area networking services, servers, security and storage, along with designated account support, all backed by a single , end-to-end service level agreement, which is unique to the industry. The features and capabilities of AT&T Synaptic Hosting are delivered on a next-generation platform that creates a virtual IT infrastructure where business customers can receive computing processing, services and support instantaneously and at scale, and pay only for the capacity they use. AT&T will deliver the Synaptic Hosting service via regional "hub" IDCs in the United States, Europe and Asia.
	Application Management: AT&T's technology, proficiency in applications management, global reach, networking expertise and extensive hosting capabilities allows it to better manage the operations of clients' mission-critical business and eCommerce applications operations. In addition, AT&T can offer remote management for clients that have already invested in the physical infrastructure for their application environment but need support for the management of their applications.
	Enterprise Hosting: AT&T Enterprise Hosting Services offer a rich portfolio of flexible hosting solutions to help ensure uninterrupted access and improved performance of critical business data and applications. AT&T Enterprise Hosting Services deliver a fully integrated application and networking infrastructure to handle the simplest to the most demanding hosting requirements, simplifying and streamlining the integration of components from separate vendors. Leveraging AT&T's integrated Global Enterprise Management System (iGEMS), a sophisticated, end-to-end global network management platform, AT&T Enterprise Hosting Services proactively monitor and manage hosting solutions to deliver predictable application performance. AT&T Enterprise Hosting Services further support continuity requirements, delivering an always-on infrastructure and recovery capabilities helping customers restore their networking and application infrastructure quickly if something unexpected does happen.
	AT&T's global Internet Data Centers (IDCs) are optimized to provide an industry-leading web, data, and e-

| | business applications hosting environment. Each Internet Data Center is protected from intrusion and failure by multi-layered security, failsafe redundancy, diversity measures, and rapid response recovery measures. AT&T Enterprise Hosting Services offer a continuum of hosting and management capabilities that provide customers with a global, scalable, reliable and flexible infrastructure - whether AT&T is providing a fully managed hosting solution or customers are managing their applications hosted in AT&T's Internet Data Centers.

Web Hosting Services for Small and Midsize businesses: AT&T's Web Hosting helps companies establish an online presence without the cost of maintaining expensive server equipment or access. AT&T provides the server platform, sets up the system, provides a high-speed connection from Web servers to the Internet, and provides end-to-end support. Web Hosting Services include:
• Shared Hosting - combine industry-leading performance, reliability, and support at an affordable price
• Virtual Dedicated Server & Managed Dedicated Server - meets the needs of businesses of all sizes that need more than shared sever space and application but don't require the complex multi-server environment of enterprise hosting. |
| The Why | AT&T's Hosting and Application Services allow a client's business applications to run seamlessly across AT&T's global network to deliver the highest level of reliability, scalability and security for their online and enterprise business needs. Through a broad range of hardware, operating system, and software components with flexible monitoring and management options AT&T's Hosting and Application Services allow organizations to focus resources on core competencies and strategic initiatives, instead of IT maintenance and management.

What's more, AT&T services its Hosting and Application Services customers out of its 38 Internet Data Centers, which are located around the world to meet the demands of multinational clients looking for international coverage. Several regional data centers have been designated as global hubs These centers have a special focus on delivering the full suite of AT&T managed and application services, leveraging AT&T Synaptic Infrastructure. The hubs are regional convergence points in the network that allow AT&T to concentrate computing and application management resources. That approach enables AT&T to deliver highly scalable, enterprise-class services on a consistent basis around the globe.

Other benefits include:
• Rich portfolio of integrated hosting capabilities including security, storage, content distribution, disaster recovery and load balancing options provides flexible solutions and one stop shopping
• Broad range of hardware, operating system, and software components with flexible monitoring and management options
• Streamlined upgrades and optimized network performance increases employee productivity.
• Increased security of confidential customer data assists clients in complying with government regulations, such as Sarbanes-Oxley, HIPAA, BASEL II and Gramm-Leach-Bliley.
• Industry leading service level agreements (SLAs) guarantee performance. Customers can choose from standard or custom SLAs that cover business transaction availability and response times, server and application availability, network availability and resolution management.
• Integrated Global Enterprise Management System (iGEMS) correlates network events to predict and solve potential problems before they impact clients' applications. |

	• The AT&T BusinessDirect® Portal provides clients with personalized, secure online access to detailed information about their network, server, and applications to help clients understand and diagnose the key issues that impact their businesses. This information includes a robust set of reports; client service tools, such as trouble tickets, change management, and invoice tools; collaboration tools, such as document sharing; and "command and control" tools, such as secure access to remotely managed servers, and additional value added reports including bandwidth utilization, server statistics, and web statistics. • Internet Data Centers built with fault tolerant site infrastructure, redundant systems and multiple physically diverse distribution paths • Advanced server virtualization, application acceleration and utility computing capabilities enable customers to use infrastructure investments more efficiently and address unpredictable business demands. • Ability to extend several services to client premises or other data centers to allow customers to minimize operational investment and maintain control of their IT infrastructure **Security Services** Each AT&T IDC is protected from intrusion and failure by multi-layered security, fail-safe redundancy, diversity measures and rapid response recovery measures. AT&T Enterprise Hosting Services also offers a broad portfolio of enterprise-class backup and restore services designed to protect the data on which a business depends. AT&T Backup and Restore Services copy, protect, secure and access mission-critical data – from data centers to branch offices to remote laptops. These services provide flexible, scalable, reliable and secure backup protection for files, applications, databases and servers. These services are designed to be flexible and grow as a business needs grow, allowing customers to backup as little or as much data as customers want. **Physical Security at the IDCs:** AT&T's IDCs are highly secure, fortified buildings designed to house mission-critical data for business customers. Customers at these centers are protected from power failure, physical intrusion and network outages by extensive backup power and cooling systems, multi-layered security and fire defenses. Buildings are intentionally nondescript and low profile, so they blend into their locale. There are on-site guards, working 24 hours a day, seven days a week, supported by closed circuit video monitors, which keep a constant watch, both inside and out. Other security features include: • Entry points at most centers are controlled by mantraps, with card and biometric readers, to be sure that only authorized personnel are able to gain entry. • Hardware is secured with state-of-the-art cage and cabinet design. Additional security options can be implemented at the cage level, customized for individual customers. • IDC security alarms are integrated with local emergency response units, so that help can be summoned instantly if needed.
Stats & Facts	• AT&T's 38 Internet Data Centers offer more than 2 million square feet of secure hosting facilities around the globe. • AT&T is a market leader for hosting services and was positioned in the Leaders Quadrant in Gartner's Magic Quadrant for North American Web Hosting Report (March 2008) • AT&T Hosting and Application Services range from $10/month small-business customers up to $1M/month enterprises customers. • The research firm Tier 1 reported that the managed hosting services market in the U.S. grew by 30% in 2007 and will reach nearly $10 billion in 2008[1]. • The acquisition of application service provider USi opens the doors wider for AT&T to tap into the

	burgeoning applications management market, which IDC estimated at about $2.8 billion worldwide in 2006. • Demand for online gaming services is booming. In the U.S. alone, revenue for online gaming, which includes everything from simple solitaire games to massively multiplayer online fantasy fare (MMOs), will more than triple from $4.8 billion in 2006 to $12.7 billion in 2011 according to the research firm, Ovum. Much of this is due to widespread adoption of broadband. • With data centers from San Jose to Shanghai, AT&T can run servers close to game players, resulting in better performance. A couple hundred milliseconds can a big difference in the performance of gaming experience. • AT&T can monitor and keep an online game site running smoothly around the clock, 24X7, 365 days a year.	

| The Where

 AT&T IDC Locations | U.S. IDC's (22)
 1. Annapolis, MD
 2. Atlanta, GA (Lithia Springs)
 3. Atlanta, GA (Atlanta 2)
 4. Boston, MA (Watertown)
 5. Chicago, IL (Lisle)
 6. Chicago, IL (Oak Brook)
 7. Dallas, TX (Dallas)
 8. Dallas, TX (Allen)
 9. Los Angeles Area (Hawthorne)
 10. Los Angeles Area (Irvine)
 11. Miami, FL
 12. Nashville, TN
 13. New York City, NY
 14. New York Metro Area (Secaucus, NJ)
 15. New York Metro II (Piscataway NJ)
 16. Orlando, FL
 17. Phoenix, AZ(Mesa)
 18. San Diego, CA, US (Koll)
 19. San Francisco, CA(Redwood City)
 20. San Francisco, CA (San Jose)
 21. Seattle Area (Lynwood)
 22. Washington, DC Area (Ashburn, VA) | Global IDC's (16)
 1. Amsterdam, NL
 2. Birmingham, UK (Redditch)
 3. Frankfurt, DEU
 4. London, UK
 5. Nice, FR
 6. Paris, FR
 7. Hong Kong, CH
 8. Shanghai, CH (Shanghai 1)
 9. Shanghai, CH (Shanghai 2)
 10. Singapore, SG
 11. Sydney, AU
 12. Asahi, Tokyo, JP
 13. Tokyo, JP (Tokyo 1)
 14. Tokyo, JP (Tokyo 2)
 15. Osaka, JP (Osaka)
 16. Toronto, (Canada) |

1. Tier 1 Research, Internet Infrastructure: Market Overview 2008 Internet