

Dyaptive Fact Sheet

Vision: Today, wireless network operators are racing to roll out advanced voice and data services on 3G networks. Equipment vendors are under pressure to deliver a continuous stream of networking and service features for these networks. At the same time, cellular coverage, capacity and resulting service quality on 3G networks are very load dependent. The only way to ensure this network equipment and the services they support is to test the network equipment under load.

Dyaptive DMTS systems revolutionize testing for wireless network operators and equipment vendors. The DMTS system puts a city in the testing lab – supporting load generation, automated testing, monitoring and management, and performance logging and analysis. DMTS systems use software-based mobile phones to generate realistic network traffic, simulating the complex phone and radio interactions that influence 3G network performance. Dyaptive products are used by wireless equipment manufacturers and network operators around the world to enhance product and service quality.

Opportunity: US Bancorp estimates that \$36 billion was spent on wireless network infrastructure in 2003. Twelve percent of that total was devoted to optimization at deployment, according to inCode Telecom. Despite spending more than \$4 billion, however, manufacturers and operators had no cost-effective, practical way to ensure that networks would deliver required performance levels when handling the various load profiles associated with mixed voice and data traffic. 3G network performance is load-dependent, but simulating peak loads hasn't been easy or affordable with "load boxes" – banks of mobile phones that are frequently used today for test and verification. Dyaptive products address this challenge.

Product Suite: The Dyaptive DMTS™-8000 Testing System for CDMA2000 Networks is a unique load generation and performance testing solution for wireless networks. It is the first system to cost-effectively generate real-world load profiles of mixed voice and data traffic in high-mobility environments.

The Dyaptive DMTS™-3200 Mobile Testing System is the sister product of the DMTS-8000 – a smaller, more portable solution for wireless network load simulation and performance analysis.

The Dyaptive DMTS™-9000 Testing System for UMTS networks is designed to provide increased testing coverage and capacity for UMTS wireless service providers and network equipment vendors. The DMTS-9000 system provides network load simulation, testing automation and performance analysis.

The Dyaptive DMTS-8200 Testing System for EV-DO networks is designed to let service providers and equipment vendors efficiently test and measure performance before rolling out new services on their high speed (300-500 kbps) 1xEV-DO digital wireless networks.

- Functionality:**
- Multi-parameter test design – Align testing to feature functionality and performance targets across the product lifecycle
 - Advanced load characteristics – Generate real, demanding, end to end load
 - Streamlined testing – Automate and consistently repeat testing procedures
 - In-depth performance analysis – Locate load-related problems with detailed logs, statistics and analysis tools

- Customers:**
- Wireless network operators offering advanced voice and data services on 3G networks, including Sprint, Telus.
 - Wireless network equipment vendors including Nortel, Motorola, UTStarcom, Siemens, Airwalk.

Investors: Dyaptive Systems is a privately held company with investments from leading venture capital companies GrowthWorks Ltd, SpringBank TechVentures, BDC Venture Capital, Yaletown Venture Capital and several angel investors.

Headquarters: Vancouver, British Columbia, Canada

Founded: 2001

Executive Team: Walter Stein – Chairman & CEO
John Linton – Vice President, Operation
Brian Lowe – Vice President, Sales & Marketing
Joseph Tosey – Vice President, Research & Development

Employees: Over 60, with technical expertise and development experience in second and third generation wireless protocols, wire line and networking protocols, and CDMA/UMTS physical, software, and systems technologies.