

# Dyaptive Fact Sheet

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**Vision:** Today, wireless network operators are racing to roll out advanced voice, data and mobile video services on 3G and 4G networks. Equipment vendors are under constant 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 and 4G networks are extremely load dependant, therefore, the only way to ensure coverage and quality is to test the network under load.

The Dyaptive DMTS system revolutionizes testing of these **Dy**-namic, ad-**aptive** technologies for operators and equipment vendors. The DMTS system gives users a cost effective, easy to use platform supporting-load generation, automated testing, performance analysis and functional testing of CDMA, UMTS/HSPA and LTE networks. The DMTS system uses patented software defined radio (SDR) technology to simulate multiple mobile users (UEs) interacting with 3G and 4G networks in order to test the capacity, performance and reliability of end to end networks and individual network elements.

**Opportunity:** Frost and Sullivan estimates that over \$2Billion are spent annually on wireless network testing. As wireless networking migrates to newer, high speed, IP based technologies such as HSPA, LTE, etc; a need for a new generation of test equipment has arisen to meet these more complex challenges. Dyaptive Systems solutions address these challenges.

**Product Suite:** The **Dyaptive DMTS™-8200** Testing System for EvDO 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) 1xEvDO digital wireless networks.

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™-9200** is a platform for wireless network equipment vendors and mobile operators for future-proof test strategy for LTE radio access networks.

Dyaptive SYSTEMS



- Functionality:**
- Multi-parameter test design-Align testing to feature functionality and performance targets across product lifecycles
  - Advanced load testing-Generate real, demanding, end-to-end load to verify capacity and performance
  - Lower testing costs-Automation, GUI test case development, reproducibility.
  - Performance analysis-Locate load and performance problems with KPIs, statistics and detailed logs.

- Customers:**
- Wireless network equipment vendors including Ericsson, Nortel, Nokia Siemens Networks. Motorola and QUALCOMM.
  - Wireless network operators offering advanced voice, data and video services on 3G and 4G networks including Sprint, Verizon, TELUS, Swisscom and Shaw Wireless.

**Investors:** Dyaptive Systems is a privately held company with investments from leading venture capital companies BDC, Growthworks, Springbank and employees.

**Headquarters:** Vancouver, British Columbia, Canada

**Founded:** 2001

**Executive** Joe Sutherland - President and CEO

**Team:** Andrew Mackenzie - Vice President Research & Development

Steve Szabo - Vice President Sales

Kirsten Schwarz - CFO

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