Adax, SURF and RadiSys Deliver Cost-Effective ATCA-based LTE Circuit Switched Fallback Solution to APAC Network Provider

June 15th, 2011, Oakland, CA, Tel Aviv, Israel, Hillsboro, OR – Adax, SURF Communication Solutions and RadiSys, global leaders in telecom solutions, today announced the successful delivery of a key component in the migration to LTE – CSFB (Circuit Switched Fallback) – to a major APAC provider of integrated wireless solutions. The customer was impressed by the close cooperation among the partners, all members of the RadiSys Alliance Partner Program (RAPP), in providing this standards-based solution in a rapid timeframe.

CSFB enables mobile operators to quickly and economically roll out voice services in conjunction with their LTE networks. It allows mobile devices to “fall back” to GSM or UMTS domains for incoming or outgoing voice calls, Subscribers maintain access to the wide array of rich circuit-switched capabilities, including international roaming while enjoying LTE broadband access to the Internet. The joint solution is NEBS-ready and is based on cutting-edge commercial off-the-shelf technologies from all three partners, integrating Adax’ flexible HDC3 interface cards and SURF's voice processing subsystem into RadiSys’ ATCA server platform.

Udi Shani, SURF’s President & CEO explained, "We see a great potential for LTE I-TDM solutions available with this strategic alliance. The SURF ATCA solution provides customers with high performance capabilities by providing all IP and TDM media handling through SURF's powerful software running on high performance DSP's." Udi continued, "SURF is a leader in I-TDM and media processing technology, and we are proud to provide this leading technological advanced solution for our customers allowing them to be competitive in the LTE ecosystem in a record time to market."

“As a redundantly designed system, cards and blades may be added, removed, and re-allocated with no loss of service. The flexible ATCA architecture fulfils the promise of cost-effective multi-vendor solutions. Adax, SURF, and RadiSys understand that this can only be achieved in short time-to-market through close cooperation amongst committed ecosystem partners,” said Venkataraman Prasannan, general manager, ATCA Business, RadiSys. “This is another example proving that ATCA is on a firm ground as TEMs’ preferred vehicle for next-generation network deployments.”

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The joint CSFB solution was designed for existing TDM-based network services. RadiSys' carrier-grade ATCA-6006 5U platform, equipped with SBCs and carrier blades, hosts the Adax HDC3 and SURF/Rider AMC cards. Legacy voice and SS7 signaling enter the system on TDM links via the HDC3 T1/E1 ports. Voice channels are interworked to IP using I-TDM and sent to the SURF/Rider card which transmits VoIP packets to the network. Data services are handled by the LTE network or the legacy interface when there is no LTE connection. The partners also offer 3G solutions interworking ATM voice traffic to IP.

"No single vendor can meet the complex needs of today's evolving telecommunications networks," said Drew Sproul, Adax Director of Marketing. "Close cooperation among all parties, focusing on the customer requirements, is essential to success, as we demonstrated here. Adax looks forward to many more such successes with RadiSys and SURF."

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About Adax (www.adax.com)
Adax brings its extensive expertise in signaling reliability and performance to bear on the challenge of achieving carrier grade IP networks with a full array of packet processing protocol controllers, signaling software and signaling gateway products. The broad and flexible Adax product line enables its customers to meet the myriad demands of user and control plane services in the converging network marketplace delivering a highly available, high performance carrier-grade transport.

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About SURF Communication Solutions (www.surfsolutions.com)
SURF Communication Solutions (SURF) is an industry leader in high-capacity processing solutions for real-time multimedia communication systems and applications. Since 1996, SURF's products have delivered the integral technology behind many of the leading vendor's multimedia servers and gateways and have been deployed to operators and service providers worldwide. SURF-powered multimedia applications are delivering next-gen services to millions of end-users every day. SURF is ideally positioned to stimulate change in the way we communicate. The video-ready SURF engine is a fully converged multimedia processing subsystem available in various form factors or DSP chips affording unmatched density and optimal performance.

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About RadiSys (www.radisys.com)
RadiSys (NASDAQ: RSYS) is a leading provider of innovative hardware and software platforms for next generation IP-based wireless, wireline and video networks. RadiSys products include its

market-leading ATCA and IP Media Server platforms as well as application software for new IP-based communications services. These products enable customers to bring more new high-value applications and services to market faster with a lower investment. RadiSys products are used in a wide variety of applications including 3G/4G/LTE wireless voice, data and video, Femtocell, VoIP and Video over IP communications and conferencing, Voice Quality Enhancement (VQE), and secure defense communications. .

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