

# Equity financing

Name	Location	Amount
<b>Discera Inc.</b> <i>Investors: Scale Venture Partners, 3i, Partech International, Ardesta LLC, and Horizon Ventures</i> Discera recently began shipping its first MEMS products for direct replacement of quartz crystal oscillators for timing components in electronics devices. The company says it will use the funds to support increased production, distribution, and marketing.	<b>San Jose, Calif.</b>	<b>\$17.5 million Series C</b>
<b>Trellis Bioscience Inc.</b> <i>Investors: Novartis Bioventures Ltd., Pac-Link Bio Venture Investment Corp., Sagamore Bioventures LLC, Easton-Hunt Capital Partners LP, and Morgenthaler Partners VII LP</i> Trellis' technology enables discovery and selection of rare cells that produce ideal proteins; its CellSpot platform is "at the convergence of nanotechnology, software, digital microscopy, and biology." Trellis will use the financing to develop product candidates and for corporate partnering.	<b>South San Francisco, Calif.</b>	<b>\$10 million Series B</b>
<b>Xradia Inc.</b> <i>Investors: Harris &amp; Harris Group Inc., prior and strategic investors</i> Xradia designs, manufactures, and sells ultra-high-resolution 3D X-ray microscopes and fluorescence imaging systems. The company will use the funding to accelerate penetration into new markets and to better serve its expanding semiconductor, biomedical, and nanotechnology customer base.	<b>Concord, Calif.</b>	<b>\$7 million Series D</b>
<b>Altair Nanotechnologies Inc.</b> <i>Investors: AES Corp.</i> Altair manufactures battery packs for use in electric and hybrid-electric automobiles and stationary power systems. Global power company AES purchased 895,523 treasury shares of Altair common stock at \$3.35 per share. The purchase represents about 1.5% of Altair's outstanding common shares.	<b>Reno, Nev.</b>	<b>\$3 million private placement</b>
<b>NaturalNano Inc.</b> <i>Investors: Platinum Partners Long Term Growth IV and Longview Special Financing Inc.</i> NaturalNano develops nanomaterials and processes for a wide range of applications. The funds will help complete commercialization of Pleximer industrial-grade polymer additives. NaturalNano issued warrants for the purchase of 25,106,254 shares of common stock; if the warrants are exercised in full, NaturalNano will receive an additional \$6.9 million.	<b>Rochester, N.Y.</b>	<b>\$3.25 million cash investment</b>
<b>Advanced Micro-Fabrication Equipment Inc.</b> <i>Investor: Samsung Venture Investment Corp. and other investors</i> AMEC's vision is to spearhead and strategically manufacture semiconductor capital equipment in Asia with a team of world-class industry veterans. The new funding represents the second and final closing of AMEC's Series B effort, which secured a total of \$43 million.	<b>Shanghai, China</b>	<b>\$8 million Series B</b>

# Acquisitions and mergers

Name	Location	Amount
<b>C Sixty Inc.</b> <i>Acquirer: Arrowhead Research Corp.</i> C Sixty Inc. (C-60) is pioneering the development of drugs based on buckminsterfullerenes (a.k.a. fullerenes or buckyballs) and has a strong patent position covering fullerenes' biomedical uses. Arrowhead formed a new wholly owned subsidiary based on the acquisition of C-60's assets and name that will focus initially on the antioxidant activity of fullerenes. In December 2004, C-60 merged with CNI, which claims to be the world leader in the production of single-wall and other small-diameter carbon nanotubes.	<b>Toronto, Ont., Canada</b>	<b>Undisclosed amount</b>
<b>SolarDiesel Inc.</b> <i>Merger partner: Nano Chemical Systems Holdings Inc.</i> SolarDiesel is a biodiesel manufacturing and distribution operation. Nano Chemical Systems Holdings (NCSH) designs, produces, and markets branded and private-label products that incorporate its proprietary nanotechnology. SolarDiesel said its investment banking advice was to find a high-tech company with synergistic products and conduct biodiesel operations through a single, focused entity. NCSH's patents and products are expected to maximize the profitability of biodiesel manufacturing and the shelf life of biodiesel products. The combined companies plan to construct a 45-million-gallon-per-year biodiesel plant.	<b>Tampa, Fla.</b>	<b>&gt;\$100 million</b>
<b>Carbon Nanotechnologies Inc.</b> <i>Merger partner: Unidym, a majority-owned subsidiary of Arrowhead Research Corp.</i> Nanotube manufacturer Carbon Nanotechnologies Inc. (CNI) was co-founded by late Nobel Laureate and nanotube pioneer Richard Smalley. Nanotube patent aggregator and product developer Unidym now has control of 59 U.S. carbon nanotube-related patents and is expected to control the small-diameter nanotube space. The merger enables Unidym to establish a "one-stop shop" for licensing packages of patents covering nanotube-based products. According to some, this merger could spur consolidation in the carbon nanotube space.	<b>Houston, Texas</b>	<b>Undisclosed terms</b>