



**NEWS RELEASE...NEWS RELEASE...NEWS RELEASE**

**MINISTER PAYS TRIBUTE AS CASCADE TECHNOLOGIES UNVEILS  
GLOBAL LICENSING DEAL**

Scottish-based Cascade Technologies has signed a licensing deal with global technology development and communications network provider Lucent Technologies.

Cascade is the world-leader in the application of quantum cascade lasers (QCLs) and has developed and patented the world's first real-time technology for the detection of gas, emissions and explosives through its revolutionary use of QCLs.

The lasers, utilised by Cascade in its products, were first developed and patented by Lucent in its laboratories in the USA in 1994. The agreement with Lucent will enable Cascade to source its lasers from manufacturers anywhere throughout the world.

The deal was welcomed by Nicol Stephen MSP, Deputy First Minister and Minister for Enterprise and Lifelong Learning, as he opened the company's new 6,000 sq.ft. office and development facility at Stirling University Innovation Park.

Speaking to an audience that included investors and key figures from throughout Scottish industry, Mr Stephen paid tribute to the global impact that Cascade has already made since it was founded in early 2003.

He said: "I am delighted to open Cascade Technologies' new headquarters.

"We have been pleased to provide funding to Cascade at different stages of their development. They have shown the level of success that can be achieved by a first class team with technical, commercial and business expertise.

"Today's ground-breaking deal with Lucent is excellent news for the company, but also for the reputation of Scottish businesses abroad."

Cascade hit the headlines recently when it announced it was developing explosive detection technology which, with further funding, could be in the hands of airport security staff within two years. It has also clinched a deal, worth up to £4million, with BP to design and supply an emissions monitoring system for use in the marine industry.

**Press Release**

Chief executive, John Fuller, believes the Lucent agreement is another significant milestone in the company's development.

He said: "This latest deal is an indicator of Cascade's approach to commercialising its products rapidly and cost effectively. As well as creating cutting edge products we are delivering supplier partnerships that drive quality and reliability, while finding ways to increase cost competitiveness and improve on time deliveries.

"By working closely with our suppliers of key subsystems we are optimising various design and manufacturing processes, this leads to a mutual benefit from capitalising on emerging opportunities.

"The Lucent agreement is one example of how Cascade uses all the tools available to help it rapidly deliver, quality products in volume at the right price. This agreement strengthens Cascade's laser supply capability to enable it to fully meet the requirements for demanding global customers such as BP and the worldwide defence industry.

"We believe we are the first company of our size that has this type of agreement. It's a huge coup and adds substantially to our value as a business while moving us into a position where we increase our competitiveness further in our field."

### Notes to editors

- **Cascade Technologies** uses its revolutionary, patented core technology – based around the application of Quantum Cascade Lasers – to design, develop and supply innovative solutions for a wide range of global markets. These include the monitoring of greenhouse and general industrial emissions, hazardous gases, and explosives and drugs.  
Based at Stirling University Innovation Park, Cascade Technologies currently has world-class scientists and engineers working under development and supply agreements on several revolutionary products for key blue chip clients, whilst further bespoke product development, manufacturing, marketing and distribution agreements are being sought with customers worldwide.  
The company's technology provides highly specific and sensitive measurement, whilst its portable size offers cost savings compared to competitive offerings. It is also immune to many outside influences that typically affect sensors of this type. It also recently announced it had secured an additional £2.5million of funding from Braveheart Ventures, Scottish Enterprise Scottish Co-investment Fund (SCF), Bank of Scotland Corporate's Growth Equity team and Partnerships UK.
- **Lucent Technologies** designs and delivers the systems, services and software that drive next-generation communications networks. Backed by Bell Labs research and development, Lucent uses its strengths in mobility, optical, software, data and voice networking technologies, as well as services, to create new revenue-generating opportunities for its customers, while enabling them to quickly deploy and better manage their networks. Lucent's customer base includes communications service providers, governments and enterprises worldwide. For more information on Lucent Technologies, which has headquarters in Murray Hill, N.J., USA, visit <http://www.lucent.com>.

**Issued by Beattie Communications ([www.beattiegroupp.com](http://www.beattiegroupp.com)) on behalf of Cascade Technologies.**

**For further information please contact Chris Gilmour on 01698 787894 / 07730 415036 or Neil McDonald on 01698 787855 / 07725466737.**

**Press Release**