

## **Infinitesima selected by the UK Department of Trade and Industry for a Grant for Research and Development**

Infinitesima Limited, developer of the VideoAFM™, announced today that it has been selected by the UK Government Department of Trade and Industry (DTI) for a Grant for Research and Development. The selection is a prestigious award, reserved for companies in the United Kingdom which are at the forefront of research and development.

The grant will allow Infinitesima to advance its leadership position in atomic force microscopy (AFM) technology. The VideoAFM™ is used by researchers to view dynamic processes at the molecular level. The instrument also allows users to work with atomic force microscopes in the same manner as an optical microscope, scanning samples and viewing processes in real-time. Because of its ability to view dynamic molecular processes in real-time, the VideoAFM™ is becoming a fundamental tool in the fast-growing area of Bio-Nanotechnology research. The grant will enable Infinitesima to continue innovating in this area to bring the value of the VideoAFM™ to new markets.

### **VideoAFM™:**

The VideoAFM™ is the first commercially available Atomic Force Microscope that is capable of delivering real-time images at video frame rates. Imaging 1000 times faster than conventional AFM's, the VideoAFM™ allows users to visualize and interact with chemical or biological processes, at the molecular level, in real time. The VideoAFM™ supplies 25 images per second with full resolution.

The VideoAFM™ is fast establishing an entirely new method of performing research in nanotechnology as well as opening new avenues of research. The instrument allows researchers to operate the instrument much like an optical microscope, but at nanometer resolution.

The VideoAFM™ works in conjunction with existing AFM's without affecting the functionality of the microscope. The VideoAFM™ also allows large surface areas to be explored before selecting features of interest for a more detailed investigation.

### **Infinitesima:**

Infinitesima is the developer and manufacturer of the VideoAFM™ and focuses on high speed imaging techniques for Atomic Force Microscopy, a key enabling tool in the field of Nanotechnology. The company is located in the Oxford Centre for Innovation in the city of Oxford in the UK.

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