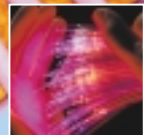
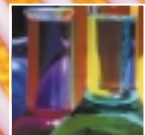
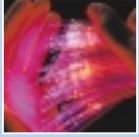


SMART  
SCOTLAND

Award Winners



SCOTTISH EXECUTIVE



# Industry

<b>Advanced Biometric Systems Ltd</b>	Greenock	Development of fingerprint access control systems.
<b>Applied Photonic Sensors Ltd</b>	Alness	Multi-functional downhole tool with integrated optical sensors.
<b>Aros Developments Ltd</b>	Inverness	Radio-linked instrumentation for medical applications incorporating blue-tooth technology.
<b>Beat Systems Ltd</b>	Glasgow	SIGMA, a secure intelligent information system to allow banking and utilities industries to mitigate fraud.
<b>Deep Life Ltd</b>	Burray	Development of a life control critical system for closed circuit re-breathers for the diving industry.
<b>DRIFTCO Ltd</b>	Aberdeen	A retrievable self-centring downhole centraliser for enhanced accuracy of downhole tools in the oil industry.
<b>D-TACQ Solutions Ltd</b>	East Kilbride	Platform for advanced performance of plasma fusion control systems.
<b>Envirogene Systems Ltd</b>	Helensburgh	Development of 'intelligent' environmental tracers.
<b>Fluid Transfer Technology Ltd</b>	Aberdeen	Development of a fluid transportation device for well production tubing in the oil industry.
<b>Fortkey Ltd</b>	Gladsmuir	Underwater hull inspection system.
<b>Halpin Innovation Ltd</b>	Melrose	Hollow tamponade balloon technology for intravascular surgery.
<b>Highland Geology Ltd</b>	Helensburgh	Intelligent software for petroleum geologists and geophysicists analysing seismic profiles.

# Smart Award Winners in Scotland 2002

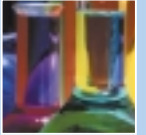
<b>hydrosense ltd</b>	Linlithgow	Real-time detection system for monitoring pathogens in drinking and industrial water systems.
<b>MACOM Technologies (UK) Ltd</b>	Paisley	On-line sensors and communications protocols for the analysis of wear debris in machinery lubrication systems.
<b>Maxiba Ltd</b>	Glasgow	Dynamic bandwidth management software to allow roll out of third-generation mobile services.
<b>Nexus TSP Ltd</b>	Aberdeen	Development of the SIGNET S-Box – a complete digital certificate management system.
<b>PetroData Ltd</b>	Aberdeen	Intelligent monitoring and control technology to optimise production in the oil industry.
<b>purple patch wireless ltd</b>	East Kilbride	Wireless antennae array system for high density call volumes.
<b>ReGenTech Ltd</b>	Ellon	Multi kW fuel cell employing novel gas & fluid management for use in stationary, portable & marine power units.
<b>Salent Technologies Ltd</b>	Linlithgow	Automated image tracking technology for CCTV Systems.
<b>SERVENORTH Ltd</b>	Wormit	Low cost, re-usable endoscope for surgical procedures.
<b>teleIT Ltd</b>	Glasgow	Automated marketing using Target Market User Profiling.
<b>terraVista Ltd</b>	Isle of Lewis	Real-time delivery of location-related information to mobile devices.
<b>TROYANYS Ltd</b>	Peebles	New therapeutic approach for HIV and other genetically variable viruses.
<b>Virtual-Mirrors Ltd</b>	Bathgate	3D-based technology for the clothing industry.

# Science Base



<b>AXIOPE Ltd</b>	Edinburgh	Internet compliant methods for flexible integration of distributed, dynamic, semi-structured data.
<b>BIOPTA Ltd</b>	Glasgow	Miniaturised drug screening and toxicology system.
<b>Calico Jack Ltd</b>	Cupar	Development of a multi-agent based platform designed to run mobile services over cellular networks.
<b>CriticalBlue Ltd</b>	Edinburgh	Electronic design automation tools for improved design of demanding multimedia applications.
<b>DEM Solutions Ltd</b>	Edinburgh	Software for simulation and analysis of industrial granular processing and handling problems.
<b>Environmental Building Partnership Ltd</b>	Inverurie	Breathing wall building cladding systems to counteract urban air pollution.
<b>IceRobotics Ltd</b>	Edinburgh	A fluid-operated actuator system for biomimetic applications.
<b>I D &amp; M Ltd</b>	Dundee	Dental probe for reliable detection and monitoring of tooth decay.
<b>Ingenza Ltd</b>	Edinburgh	A new generation of industrial biocatalysts.
<b>IRIS-3D Ltd</b>	Glasgow	3D display solutions for medical imaging.
<b>Kelvin Connect Ltd</b>	Glasgow	Mobile data capture software for clinical trials.
<b>LinearB Ltd</b>	Edinburgh	Software for high volume, rapid translation of digital documents between arbitrary language pairs.

# Science Base



<b>LUX Biotechnology Ltd</b>	Edinburgh	Development of luminous biosensors based on fungal cells.
<b>MicroStencil Ltd</b>	Edinburgh	Fabrication of stencils for microelectronics packaging.
<b>PhotoSynergy Ltd</b>	Dundee	A process to enable production and manufacturing of 'ruggedised' neodymium vanadate lasers.
<b>Pyrronostics Ltd</b>	Aberdeen	A diagnostic platform technology for chronic diseases.
<b>Renewable Devices Ltd</b>	Edinburgh	Novel silent wind-powered rooftop heating system.
<b>SeeByte Ltd</b>	Edinburgh	An intelligent fault and diagnosis demonstrator.
<b>Simulistics Ltd</b>	Edinburgh	Green Echo – a decision making software system for sustainable development.
<b>STAR-Dundee Ltd</b>	Dundee	Development tools for SpaceWire satellite onboard network.
<b>Stem Cell Sciences (UK) Ltd</b>	Edinburgh	Cell culture technology for large-scale growth of stem cell derived reagents for pharmaceutical assays.
<b>Thin Film Innovations Ltd</b>	Coatbridge	High precision optical coatings.

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