

STAR-Dundee

Supporting SpaceWire Applications

STAR-Dundee

STAR-Dundee Ltd provides SpaceWire evaluation, development and test equipment to international space agencies and industry.

We have the world-leading expertise and technology needed to support your SpaceWire project and to help make it a success. The company was born out of the Space Technology Centre at the University of Dundee, which led the technical work on the SpaceWire standard. STAR-Dundee is also the winner of two SMART awards from the Scottish Executive in recognition of its cutting-edge SpaceWire technology.

STAR-Dundee aims to support users of SpaceWire technology by providing:

- Unrivalled SpaceWire expertise
- High-quality SpaceWire evaluation, development, test and EGSE products
- Widely used, industry-leading flight IP
- First-class technical support, consultancy, training and design services

Our commitment is to get our customers working with SpaceWire technology as quickly as possible, and to provide any support that is needed in applying SpaceWire to specific applications.

SpaceWire Expertise

STAR-Dundee has a highly qualified and experienced team of engineers with well over 60 person-years experience in SpaceWire technology. Each person in the team is always ready and able to provide expert support to our customers.

Dr Steve Parkes - Managing Director. Steve was the author of the SpaceWire and RMAP standards with input from other international engineers. Steve has been working on SpaceWire for over 17 years.



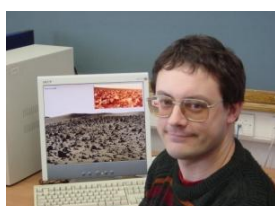
Dr Iain Martin - Senior Software Engineer. Iain designs the software drivers for the STAR-Dundee PCI and cPCI boards. Iain has expertise in Windows, Linux and VxWorks driver development.



Dr Stuart Mills - Senior Software Engineer. Stuart designs software for our USB range of equipment, and several of the application programs provided with our equipment. Stuart's PhD was on Communication Protocols for SpaceWire.



Dr Martin Dunstan - Principal Engineer. Martin designs both FPGAs and software. Martin designed the SpaceWire Conformance Tester which has successfully identified discrepancies in SpaceWire devices from several organisations.



Dr Chris McClements - Senior Engineer. Chris's PhD centred on SpaceWire Routing devices resulting in the ESA SpW-10X Router ASIC, CODEC IP and RMAP IP core. He designs IP for radiation tolerant devices such as the Actel RTAX.



Paul McKechnie - Electronics Engineer. Paul is responsible for circuit board, FPGA and software design. His current doctorate has focused on validating FPGA-based packet processing systems.



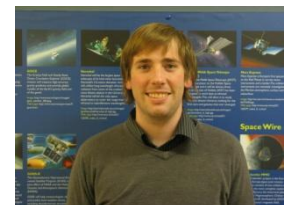
Alex Mason - Software Engineer. Alex designs applications and driver related software for a range of STAR-Dundee products. Alex is experienced with SpaceWire applications in the LabVIEW environment.



David Dillon - PCB and housing design. David is responsible for all PCB layout design and mechanical housing design, for liaising with PCB and housing manufacturers, and for management of all production drawings.



Doug Roberts - Sales Engineer. Doug handles the sales management and promotional material. He has degrees in both Electronics and Management, and is the main customer contact for STAR-Dundee.



Lisa Rodway - Administrator. Lisa manages the administration and accounts for STAR-Dundee. She also deals with customer orders and general queries, travel and conference organization.



Dr Pete Scott - Electronics Engineer. Pete is responsible for circuit board, FPGA and software design. His PhD developed an embedded vision system for X-ray beam diagnostics in Synchrotron Radiation Facilities.



Dr Bruce Guoxia YU - Field Application Engineer. Bruce is responsible for business development & support in China. His PhD developed an FPGA-based on-board image compression system for Earth Observation satellites.



