

CENTRE FOR TECHNOLOGY INFUSION

Hardware Product Realisation Centre

For further information,
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*“Fostering high-tech industry
development in ICT Sector”*

OVERVIEW

The **Hardware Product Realisation Centre** is a technology infusion and product realisation initiative to provide hardware developers, university students, staff, SMEs and start-ups access to the latest technologies & development tools to bring their ideas to life. The Centre aims to overcome Australia’s development handicap in EDA tools & infrastructure support for hardware product development in micro/nano electronics in Australia. The Centre is based on a partnership model between La Trobe University and industry partners including technology providers and developers, tool vendors, and industry clusters. Combined with the resources and expertise, the Centre provides a technology innovation, development and infusion environment in hardware product realisation, to grow high-tech industry in the Information and Communication Technology (ICT) sector.

- Provide design & test services
- Support commercialise innovations
- Engage in strategic and applied research

FACILITIES

The Hardware Product Realisation Centre has established industry standard design and test facilities to support its activities. The facilities include:

- Cadence Design Suite
- Altera Development Platform
- Coventorware Design Suite
- Xilinx Development Platform
- Mentor Graphics Design Suite
- AWR Design Suite
- NNTTF (National Network Tele Test Facility)



Through the Hardware Product Realisation Centre, hardware developers can also have access to the National Networked TeleTest Facility (NNTTF) which was created as a Major National Research Facility to provide vital equipment to take Australia to the Frontier of critically important and expanding fields in micro nano electronic research and development. The \$15 million facility provides leading edge capabilities addressing the most complex testing, IP validation and characterisation challenges in micro/nano electronic System-on-a-Chip.

OBJECTIVES

The overall objective of the Hardware Product Realisation Centre is to:

- Provide access to technologies, EDA tools, infrastructure and methodologies for research and product development;
- Transfer skills and technology into industry, business and the community
- Have a strong implementation and product development focus

- Latest technology design package from Peregrine, CMP,ST, Microelectronics,etc

LOCATION

Hardware Product Realisation Centre is located at the La Trobe University’s R&D Park. The La Trobe University’s R&D Park is one of Australia’s largest wholly University owned and managed technology parks.

MANAGEMENT & OPERATION

The Hardware Product Realisation Centre will be managed by the Centre for Technology Infusion, a University-based Research and Product Realisation Centre, and will be operated under the existing structure of the Centre for Technology Infusion

USAGE GUIDELINES

- Initial request for booking to be made via: Dr. Hai (Harris) Le +61 3 9479 3763; Email: H.Le@latrobe.edu.au Or Visit www.latrobe.edu.au/tech-infusion