

Laurentian University was awarded \$3.84 million by the Canada Foundation for Innovation and the Ontario Innovation Trust toward the establishment of a \$5 million Centre for Integrated Monitoring Technology (CIMTEC), under the leadership of MIRARCO. CIMTEC facilitates research partnerships between industrial sponsors and technology providers.

CIMTEC GOAL

To apply an observational research approach to exploration, mining and the environment, including data collection, decision-making and process control.

CIMTEC EXPERTISE

- Remote data acquisition
- Data storage and processing
- Data dissemination
- Visualization of multiple data sets

CIMTEC INFRASTRUCTURE

- Data acquisition facility with monitoring toolbox
- Database distribution network
- Cluster-based data processing facility that serves engineering and scientific research
- Computing network infrastructure equipped for large-scale research
- 3D immersive collaborative environment in a 22-foot radius Virtual Reality Laboratory

KEY BENEFITS

Enhance research potential and computing power:

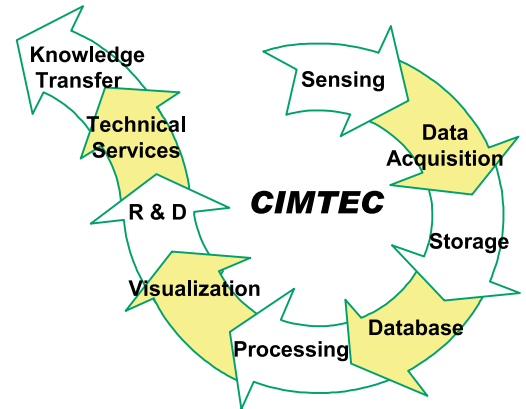
- Conduct research that demands high speed processing power
- Collect, sort and transfer large volumes of data
- Conduct state-of-the-art data visualization and communication

Enhance networking:

- Support interdisciplinary research and development projects within many sectors, including mining, exploration, engineering, health, biotechnical, and natural sciences.
- Provide technical support services, professional development programs, internships.
- Create opportunities to develop applications with commercial partners, government agencies, and non-profit organizations.

Enhance commercialization potential:

- Transfer research knowledge to the private sector



For more information contact:

Andrew Dasys
Director, CIMTEC
(705) 675-1151 x 6613
adasys@mirarco.org