

ORANO

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BACKGROUND

ORION - Ontario's Gateway to Research and Discovery - is a new high-speed, optical network that brings affordable world-class broadband access and connectivity to Ontario's research and advanced education (R&E) institutions.

The Ontario Research and Innovation Optical Network (ORION) was created to bring leading-edge network capability to Ontario's publicly funded R&E community and to become a catalyst for creative and innovative next generation Internet applications.

ORION user organizations include accredited universities and colleges, publicly funded research organizations, government research institutes or agencies, school boards, or broader public sector bodies carrying out high bandwidth research applications and applications development.

The following organizations or institutions serve as a Point of Presence (PoP) host for ORION in their community. The \$5.8 million in funding enables the host organizations and participating institutions* to upgrade their equipment and to connect to the ORION network. The funding will leverage a total of \$14.4 million in investment at the local level.

** Does not include additional institutions and organizations, such as school boards, that are expected to become members of the ORION network in the near future. ORION expects to have over 100 member organizations by the end of 2004.*

PoP Host Institutions Organizations	Participating Institutions (<i>anticipated</i>)	Total
GUELPH University of Guelph	-University of Guelph -Ontario University Application Centre	113,400
HAMILTON McMaster University	- McMaster University	86,275
KINGSTON Queen's University	- Queen's University - Kingston General Hospital - Hotel Dieu Hospital - St. Lawrence College	197,464
LONDON LARG*net	- University of Western Ontario - Fanshawe College - London Health Science - John P. Robarts Research Institute - St. Joseph's Health Care	327,000
NORTH BAY Nipissing University	- Nipissing University - CANADORE College	44,410
OAKVILLE Sheridan College	- Sheridan College	53,500

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OTTAWA Ottawa Centre for Research and Innovation (OCRI)	- University of Ottawa - Algonquin College - Carleton University - Royal Ottawa Hospital - National Institute of Telecommunications	522,863
PETERBOROUGH Trent University	- Trent University - Fleming College	106,275
SARNIA Lambton College	- Lambton College	29,845
ST. CATHARINES Brock University	- Brock University - Hotel Dieu Hospital	78,216
SUDBURY Laurentian University	- Laurentian University - College Boreal - Sudbury Neutrino Observatory - Cambrian College	720,750
TIMMINS Northern College / NEOnet	- Northern College	36,000
TORONTO -University of Toronto/GTAnet -York University/GTAnet	University of Toronto; York University; Ryerson University; George Brown College; Centennial College; University Health Network; Sick Children's Hospital; Ontario College of Art and Design; Sunnybrook Health; St. Joseph Health Centre; Michener Institute; Humber College; Seneca College; Baycrest Centre for Geriatric Care.	2,820,000
WATERLOO University of Waterloo	- University of Waterloo - Wilfrid Laurier University - Conestoga College	176,147
WELLAND Niagara College of Applied Arts and Technology	- Niagara College of Applied Arts and Technology	40,200
WINDSOR University of Windsor / WEDnet	- University of Windsor - WEDnet	202,768
THUNDER BAY Lakehead University	- Lakehead University - Confederation College - Contact North	190,050
OSHAWA Durham College	- Durham College - University of Ontario Institute of Technology	38,000
BELLEVILLE Loyalist College	- Loyalist College	33,000
SAULT STE. MARIE Sault College	- Sault College	24,000

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