

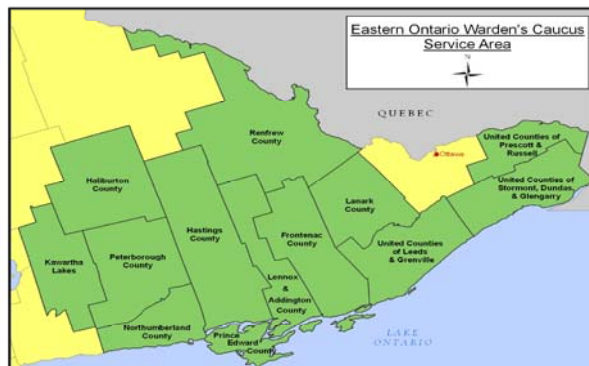


EASTERN ONTARIO REGIONAL BROADBAND NETWORK

Presentation to:
Brockville City Council
November 24, 2009



The EOWC - Who We Are



- Area is larger than:
- 109 countries
 - 9x PEI
 - >Vancouver Island
 - Equal to Nova Scotia
 - 50,000 sq kms
 - Rugged Topography
 - Home 10 FN

Representing 1,093,000 Citizens

Scale



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Challenging Topography



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“Further – Faster”

- **January ‘09 - EOWC Inc. identifies broadband as its #1 regional economic development priority**

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Did You Know?

- [Did You Know Video.mp4](#)

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EOWC Digital Summit

- **March 24th and 25th in Kingston.**
- **Over 120 registrants from the four key sectors of government, education, health and business.**



Matt Wenger



Bernard Lord

Key Note Speakers

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EOWC Digital Summit

□ Key message?

Get it done!

May 12 – BCF application Filed!

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Announcement of Funding July 30, 2009 (\$110 m)



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EORN – What is it?

Network Superhighway with higher speeds, bandwidth and efficiency than currently exists

Rural



Urban



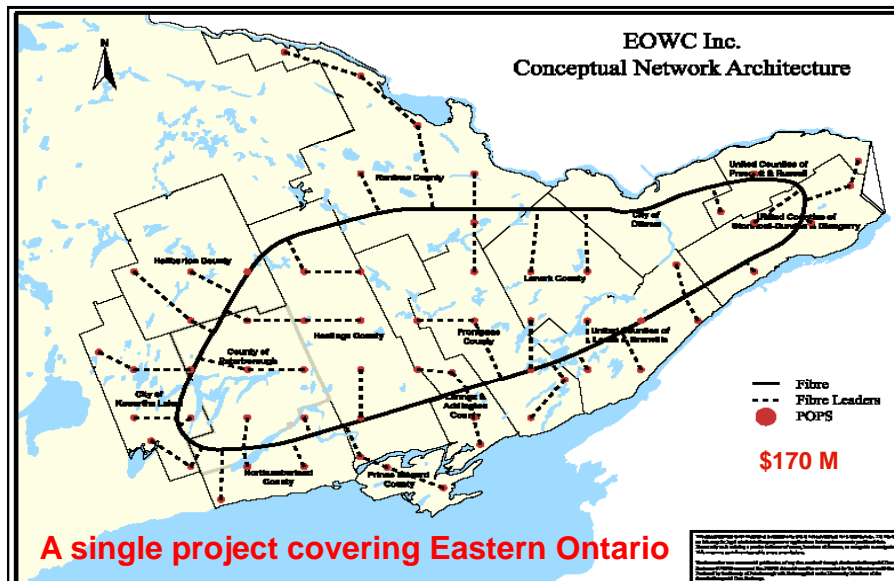
EORN



Large capacity network that will serve at least 95% of E. Ontario's population & business with 10Mbps

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EOWC Inc. Conceptual Network Architecture



A single project covering Eastern Ontario

Components of the Network



Fibre



**GigE
Switches**



Access
Towers, radios,
and DSL



Satellite

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What Does This Mean For Eastern Ontario

- The EORN Regional Broadband Project will greatly enhance the work already completed by Rural Connections.
- It will push fibre deeper into the region, produce higher speeds, improve backhaul transport capacities and extend access

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What Does This Mean For Eastern Ontario

	Rural Connections	EORN Regional Broadband Project
Capacity	1.5 Mbps	10 Mbps (by 2013)
Coverage	75% of the geographical area	95% of the population
Funding	Up to 33.3% funding responsibility of municipality	Less than 6% funding responsibility of the 13 EOWC Municipalities

Higher speeds, more capacity and greater reach

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Who Benefits?

- Thousands more people served
- Hundreds more businesses served
- Rural family health teams, schools/school boards
- ISPs grow their business (transport costs cut)
- Across the region greater capacity/speeds

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Project Implementation

	2009	2010	2011	2012
RFP & Award	X			
Fibre		X		
Gig E Switches		X		
Satellite	X	X		
Access (DSL, Wireless, Etc.)			X	X

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Sharing Formula

- Canada → \$55 m
- Ontario → \$55 m
- Private Sector → \$50 m
- EOWC Inc. → \$10 m

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Why should Brockville care?

- Positioned as a Learning Community & have a strong CLI score
- Positioned as regional center with a 100 km. radius
- Growth will be influenced by access to products & services beyond current municipal boundaries

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Why should Brockville care?

- EORN will have Gigabit Ethernet Backhaul capacity
- EORN will have end user capacities of 10Mbps
- 25% of Brockville still does not access to high speed internet

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