

# Family Health Teams in the Intelligent Community

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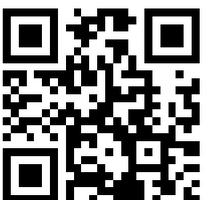
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## Agenda

- Introduction
- Intelligent Community
- Opportunities for Improvement
- Requirements for Broadband
- Rhyzome Networks Solution
- Improvements from Broadband
- City Wide WiFi
- Next Steps/Questions

## Introduction

- City of Stratford Population 32,000
- 12 Physicians
- 12.5 Allied Professionals
- 7 Locations
- 22,000 Patients
- Bell EMR (formerly xwaveEMR)
- Community Partner Rhyzome Networks

# Intelligent Community



## Intelligent Community Forum

### 2011 Top 7 - Stratford



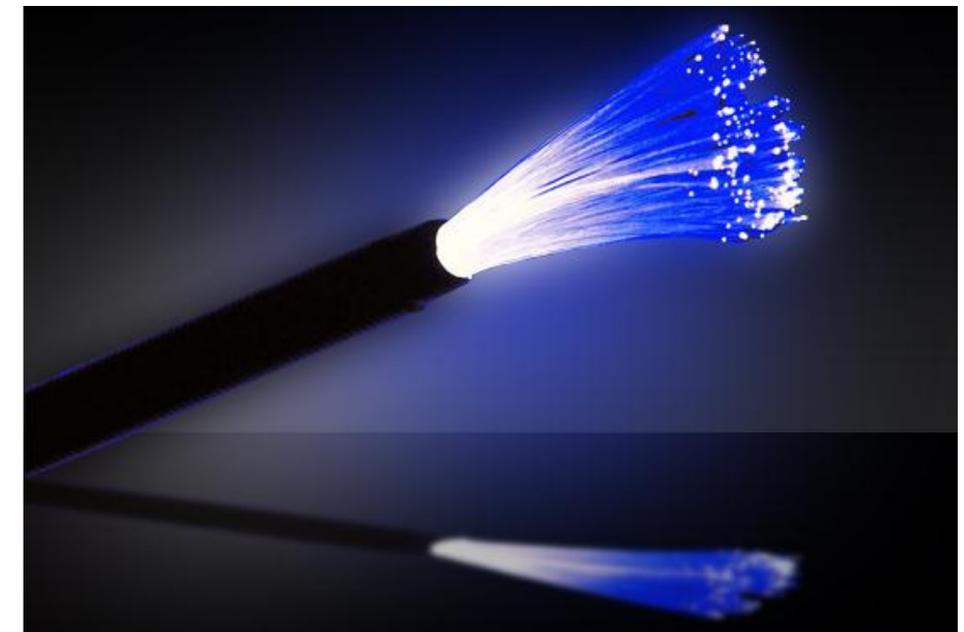
- Annual ranking of global cities that lead in broadband connectivity strategies (300+ nominees)
- Strong Stratford teamwork; city, education, industry, healthcare, tourism, technology...
- Vision, leadership, infrastructure (fibre & Wi-Fi), skills, applications
- 2012 Focus on Innovation – developing new broadband apps
- 2012 Top 21 announced Oct 22

## Opportunities for Improvement

- Connectivity Issues
- Impact to Patient Care
- Impact to QIIP
- Location Issues
- Troubleshooting Process
- eHealth Migration

## Requirements for Broadband

- Consistent Standard of Care
- QIIP
- Redundant  
Connectivity/Hardware
- Collaboration
- VOIP
- Current Technologies
- Disaster Recovery



## Rhyzome Networks Solution

- a data transmission company  
Fibre Optics, Wireless Wi-Fi  
and Internet Services
- wholly-owned by the City of  
Stratford
- setting the stage for Stratford as:
  - digital technology centre
  - broadband economy
  - inclusive *Intelligent Community*

## Improvements from Broadband

- Connectivity
- BelIEMR
- QIIP
- Workflow
- Collaboration
- Off Site Backups
- Disaster Recovery



## City Wide WiFi

### What is a Wireless Wi-Fi ?



Wi-Fi = radio broadcast frequency

- IEEE 802.11N, Motorola AP7181
  - Wi-fi is standard on laptops, smartphones, MP3 players, PDAs...
  - stable, 300 Mbps fast, encrypted
  - Industry Canada safety standards
- Ontario Energy Board 'Smart Meter' communications system:
  - hourly data, collected twice daily
  - 20,000 Festival Hydro meters
- Overlapping design relays and taps fibre optic grid
- Scalable, 40,000+ users
- Carrier grade data and voice

## Next Steps

- Patient Portal
- Patient Kiosk
- OTN

## Questions

