



The National First Nations Infrastructure Conference & Tradeshow
Conférence nationale et foire commerciale sur les infrastructures des Premières Nations

First Nations e-Community

February 5, 2014

Building for a Sustainable Future
February 3-5, 2014 Toronto, ON

Bâtir pour un avenir durable
Du 3 au 5 février 2014 Toronto (Ontario)



National Resolutions

Through Assembly of First Nations (AFN) resolutions as early as 1997, the Chiefs in Assembly have noted gaps in how Information and Communications Technology (ICT) is being delivered to First Nations communities and identified the growing importance that ICT would have on community development. Broadband has been formally identified as basic community infrastructure, which needs to be upgraded to modern standards, such as those developed for water, roads or electricity.

Recent Resolutions

- AFN Resolution 11/2006 First Nations Basic Infrastructure includes Information Communication Technology
- AFN Resolution 16/2008 A National Framework: First Nation e-Community
- AFN Resolution 53/2011 First Nations e-Community



First Nations e-Community Concept

- The AFN through the Chiefs Committee on Economic Development, is working towards sustainable and efficient information community technology (ICT) for First Nation communities.
- One activity that the AFN is undertaking towards achieving this goal is developing and promoting the concept of a First Nations e-Community.
- This concept focuses on e-solutions that are community-centred, -driven and -owned.
- ICT is a broad term that includes internet connectivity and related technologies, such as the main pipe into the communities (POP or point of presence); network hardware; computers; and software. Training and developing a skilled workforce; the collection of data; access to information; and information management are all principles essential to the rebuilding of strong First Nations.



First Nations E-Community Concept

First Nations e-Community is a critical segment of community development which focuses on essential ICT development

- It is well recognized that access and the resulting efficiencies and capacities aligned with information communications technology (ICT) support more than one priority for First Nations
- Impacts all aspects of community –these aspects include health, education and training, justice, governance, administration, land stewardship, water quality monitoring, emergency preparedness and planning, environmental protection, social and economic development, and culture
- An e-Community advances their own needs and aspirations in holistic manner embracing and fully utilizing the modern technological ICT tools available



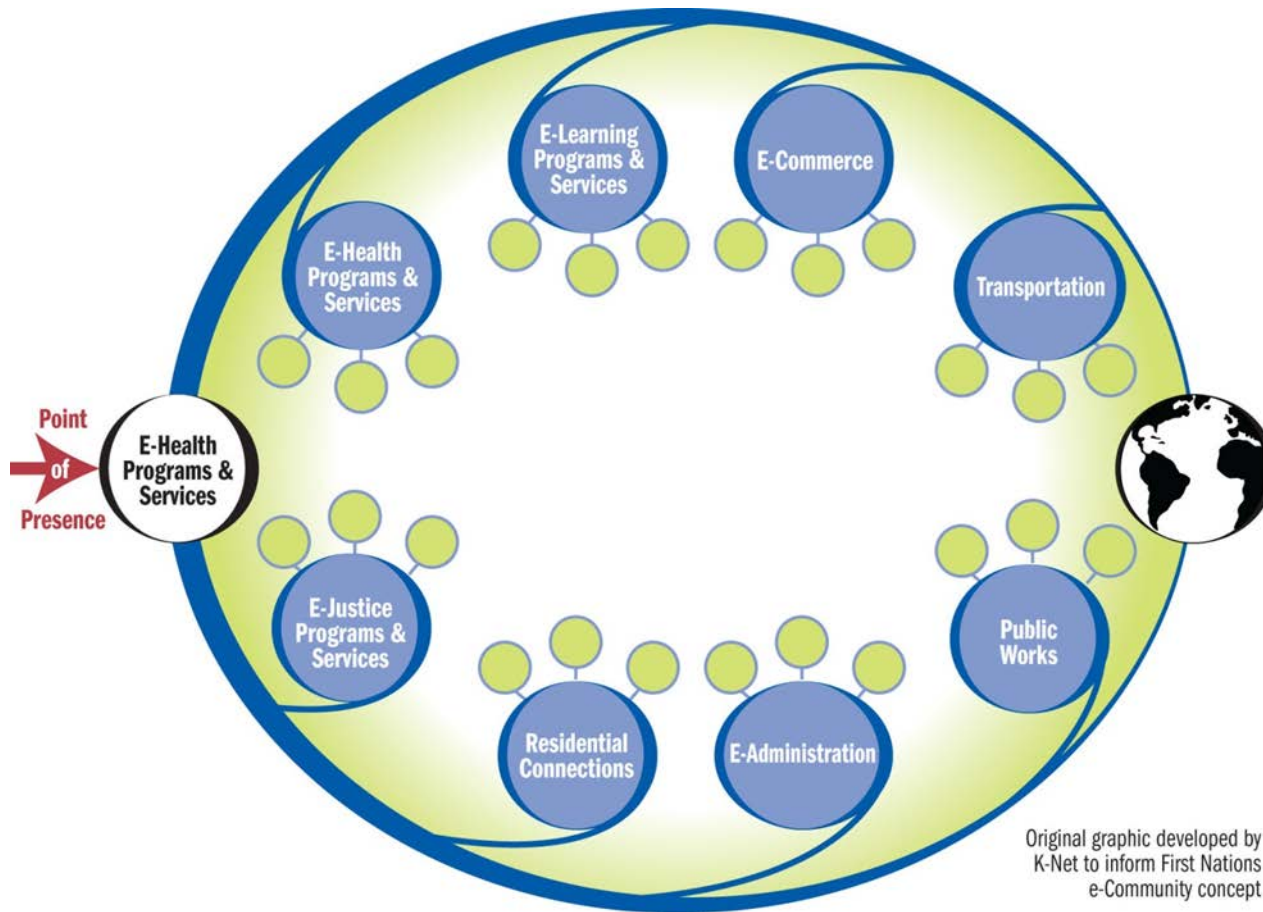
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First Nations E-Community Concept





e-Community Principles

- Promote environmental, social and financially sustainable solutions
- Support culturally appropriate approaches
- Respect community-driven approaches; and,
- Build and foster the relationships and partnership



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Priorities for Action

- Connectivity
- Infrastructure
- Human Resources
- Data and Information Management
- Sustainability



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Connectivity

- Shared commitment; distinct processes
- Supports for regional, local connectivity planning
- Regional advisory groups, support for regional networks
- Federal processes



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Infrastructure

- Funding models
- Utilize community PoP's (points of presence) and residential requirements
- Centralized network services
- LAN/WAN infrastructure
- Standards based (ITIL, and ISO)



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Human Resources

- Capacity plan
- Phased investments
- Tool-kits
- Career path development
- Standards based (equitable positions/salaries)



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Data/Information Management

- First Nations Data Centres
- Governance and sharing models
- Security
- Standards based



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Sustainability

- Integrated processes
 - Tripartite processes (F/P/FN)
 - Public/private
 - Internal integration
- Governance
- Separate line item, O&M



Next Steps

- Data Gaps, Disparity, Integrity
- Human Resource Strategic Planning
- Support and alignment of First Nation processes



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Thank you.