

# Presentation to ISI Board

May 16 2019

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The logo for ECN (Educational Computer Network) features the letters 'ECN' in a bold, black, sans-serif font. A black silhouette of a maple leaf is positioned inside the circular opening of the letter 'C'.

NB PEI Educational Computer Network

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The logo for RIÉ (Réseau Informatique Éducatif) features the letters 'RIÉ' in a bold, black, sans-serif font. A white silhouette of a maple leaf is positioned inside the circular opening of the letter 'I'.

NB ÎPÉ Réseau Informatique Éducatif

# Context: Challenges facing Higher Education Institutions in NB and PEI



Students, faculty and Staff – digital warriors, diverse expectations, change in solutions



Increasing demand for network & IT solutions vs availability of \$ and human resources



Constant threat of cyber-attacks



IT Solutions shifting to the cloud



Succession Planning ; Attracting and retaining key IT talent with significant wage disparity



Transformation in how IT is being delivered/accessed and supported varies by institution



Legacy systems: refresh, replace or retire



10 distinct institutions of NB PEI ECN with a mix of common and disparate technologies



NB PEI Educational Computer Network

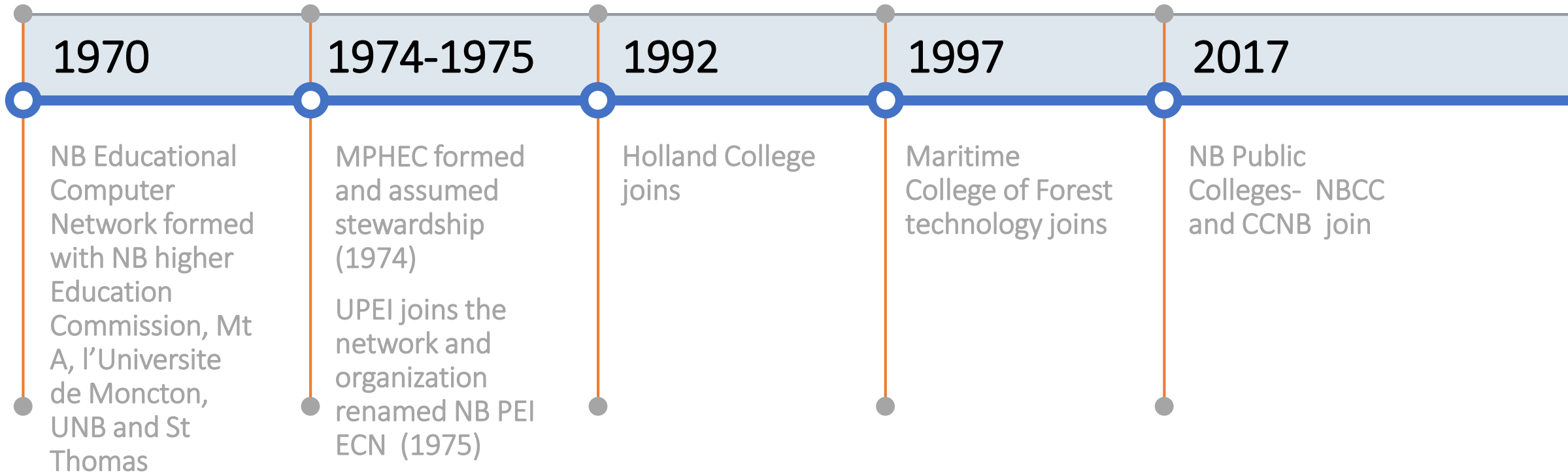
- **MISSION**  
To ensure high quality Information and Communication Technology (ICT) services to all member institutions in New Brunswick and Prince Edward Island
- **VISION**  
To apply our collective skills and resources to the betterment of the New Brunswick and Prince Edward Island higher education communities through the deployment of state of the art technology while saving money for our provinces and institutions
- **VALUES**  
Honesty, Collaboration, Collegiality, Openness, Trust



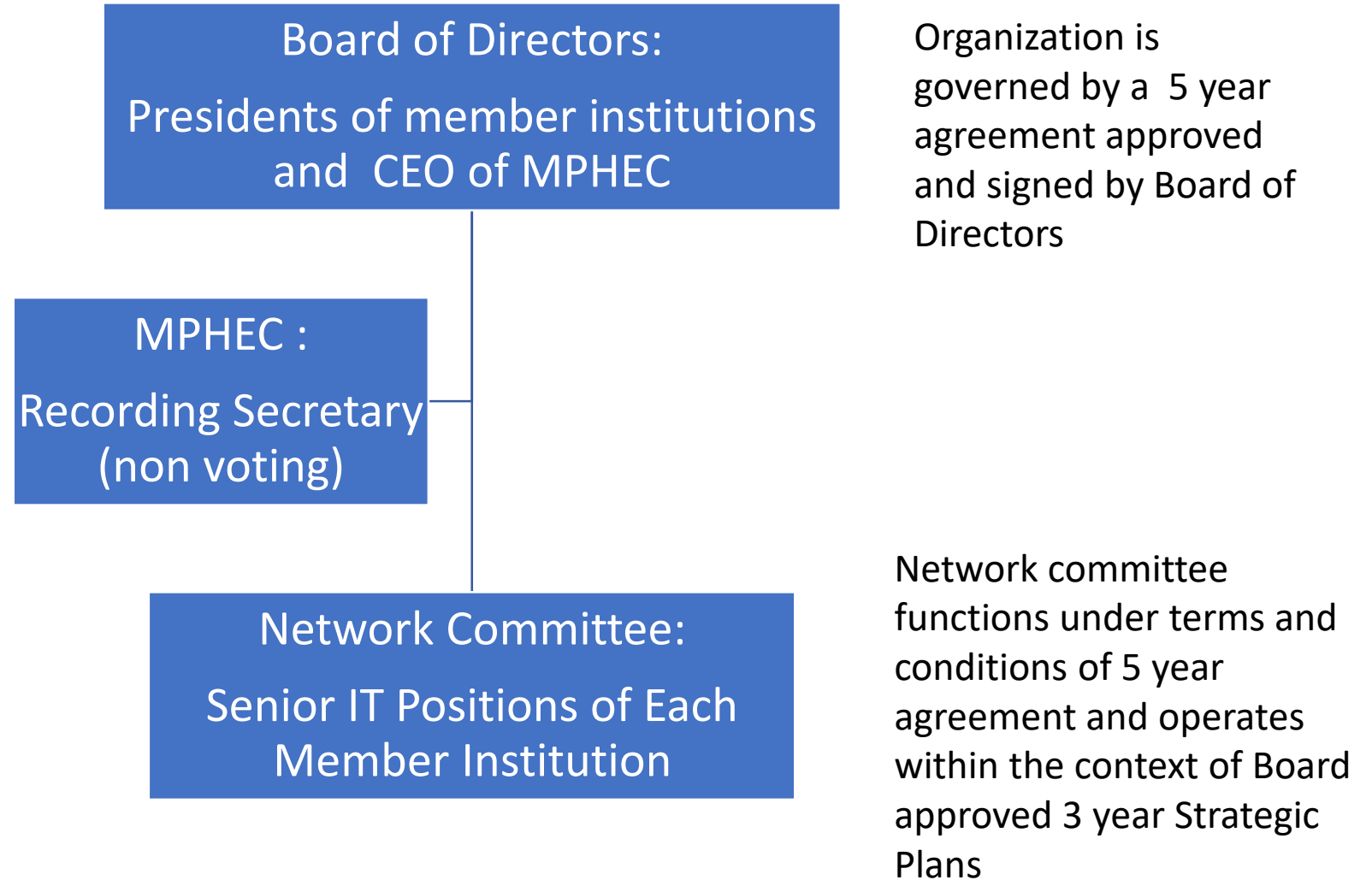
NB PEI Educational Computer Network

# Evolution of NB PEI ECN

*49 years of collaboration and cooperation*



# NB PEI ECN Governance Model



# Strategic Plan Themes



# ECN: Recent Accomplishments

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Connectivity - Partner with CANARIE to expand into St. Andrews NB; Renewal of Internet Services Contract; NBCC and CCNB Federated identity implemented;

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Shared Services - Data Center Consolidation and Disaster Recovery Project, Messaging and Collaboration Project (Sharepoint);  
ECN Cyber Security Initiatives - Fortinet Firewall implementations, Threat Risk Assessment and Network Penetration

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Joint procurement - Anti Spam , Anti Virus

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Professional Development - CANHEIT Hosts , AUCTC Hosts, Annual ECN member workshop, Shared Training opportunities

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National Representation and Sharing of Information and Best Practices - National Research Education Network (NREN), CANARIE CIO Advisory Committee, CUCCIO Board

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Organizational – Developed and operationalized Communication Plan, ECN Video, Revised External website in both languages , Shared communication using SharePoint and Microsoft Teams, ECN Contract Renewal

# ECN: 2018 -2021 Strategic Goals

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Connectivity - Improve bandwidth in Southern NB, Internet Services Contract , Expand use of eduROAM

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Shared Services -, Expand SIEM implementation, Deliver User education and awareness, Improve security incident response planning, Investigate a shared Security Operations Center for security and network monitoring, Expand use of MS O365 use including Integrated security and Telephony capabilities

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Joint procurement -Anti Spam , Anti Virus, End Point Management, Privileged Access Management Third party patching, Review and update DR planning for members

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Professional Development – CANHEIT , AUCTC , Annual ECN member workshops, Shared Training opportunities in cyber security

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National Representation and Sharing of Information and Best Practices – National Research Education Network, CANARIE CIO Advisory Committee, CUCCIO Board

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Organizational – National REN Conference hosted by Atlantic REN and ECN 50h Anniversary, ECN Video, extend use of SharePoint and Microsoft Teams, ECN Contract Renewal

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Inaugural  
Winner of  
CUCCIO Award  
for  
Collaboration

