

## Appendix D: Applications

### ARCTIC COMMUNICATIONS INFRASTRUCTURE ASSESSMENT

#### LIST OF APPLICATIONS PROVIDED BY ACIA PARTICIPANTS

*Note to reader: The list is not comprehensive - it is intended to inform readers of the ACIA report about the breadth and depth of the many programs currently being run and planned by the federal and territorial governments. Data was compiled in February and March of 2011.*

#### **A. Current State**

##### ***Federal Government Current State***

<b><i>Department</i></b>	<b><i>Division/ Branch/ Program/ Service</i></b>	<b><i>Application (Acronym)</i></b>	<b><i># of Users on Daily Basis</i></b>	<b><i>Means of Access</i></b>	<b><i>Existing or Future?</i></b>
Canada Border Services Agency	Border Services Information Technology	Custom-Developed Applications	All		E
Canadian Northern Economic Development Agency (CanNor)	Econ. Dev. Funding Services	FNITP	12 in Iqaluit + other locations	Internet	E
	Econ. Dev. Funding Services	CIDM	All staff in all locations + INAC	Intranet but no shared access	E
	Econ. Dev. Funding Services	GroupWise	All staff in all locations + iNAC	Intranet	E

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	Econ. Dev. Funding Services	PeopleSoft	All staff in all locations + iNAC	Internet/ Intranet	E
	Econ. Dev. Funding Services	Microsoft Office	All staff in all locations	Intranet + send files through GroupWise	E
	Corporate Network	PeopleSoft	8	Intranet	E
	Corporate Network	Finance System	15	Client Server	E
	Corporate Network	Grants & Contribution System	60	Intranet	E
	Corporate Network	Salary Management System	4	Intranet	E
	Corporate Network	Email Messaging System	120	Client Server and Intranet	E
Correctional Services Canada	IT Support for Nunavut Parole Office				E
Department of Fisheries and Oceans	Fisheries Management Oceans, Habitat, and Species at Risk Science	PeopleSoft	20	Internet	E
	Fisheries Management Oceans, Habitat, and Species at Risk Science	Abacus (Oracle financial System)	5	Client Server (based in south)	E
	Fisheries Management Oceans, Habitat, and Species at Risk Science	Fisheries Management Information	10	Client Server (based in south)	E

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		System			
	Fisheries Management Oceans, Habitat, and Species at Risk Science	EKME (Correspondence System)	20	Client Server (based in south)	E
	Fisheries Management Oceans, Habitat, and Species at Risk Science	Many other systems to capture data	20	Client Server (based in south)	E
Department of National Defence	North Warning System		DND only		
	Air force ---Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR)		DND & other levels of government		
	Canada Command --- Provision of National Level CIS (e.g. CSNI, DWAN, GPNNet, CSN telephony, commercial telephony)		DND only		
	HF Radio Services	HF Voice & HF Messaging	50 to 100 organizations nationwide	Over the air	E (Replacement program is expected to be in place by 2017)

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	Military HF Communications	Voice & messaging	200	Internal network	E
	High Arctic Data Communications System (HADCS)	Military specific services, including Internet browsing	50	Intranet	E
		Environment Canada sensors	n/a	Client Server	E
		Morale Satellite Services	50	Bell ExpressVu	E
	Directorate Space Development --- National Sovereignty/Arctic Operations		DND and other levels of government		
	Canadian Forces Strategic HF Radio Communications Sustainment	Custom Applications	DND and Allied Forces	Internal GoC, DND-based network traffic on commercial carriers and P2P connectivity	E
	Defence Science in the Arctic		DND only		
	Science and Technology	E-mail & Web browser for file	20-50	Internet	E

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		transfers			
	DRDC Northern Watch Technology Demonstration Project	E-mail + Internet browsing + HF Radio	1 (shared with other users)	Polar Continental Shelf Internet link	E (3 to 5 years)
		Iridium	1	Iridium satellite phone network	E
	Arctic Research Operation Support – CFS Alert	E-mail+ Internet browsing	5 (shared with CFS Alert)	CFS Alert network through HADACS	E
		Access to ice and weather forecasts	5	CFS Alert network through HADACS	E
HRSDC		> 30 client- server applications	200 employees + general population over the 60th	Client server	E
		>30 Intranet applications	200 employees + general population over	Intranet/Inter net	E

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			the 60 <sup>th</sup>		
		Collaborative applications (e.g., NetMeeting, etc.)	Users in non-satellite sites	Intranet	E
		Service Canada Account (Internet application site for Canadian citizen usage (employment, pension, etc.		Internet	E
		Teldec (toll-free phone-activated application service (allows employment claimants to file reports via touch tone phone)		Phone system (toll free line)	E
Indian and Northern Affairs Canada	Land management-leasing-water management-environment-GIS-HR-Corporate Applications-NGMP	PeopleSoft	All employees	Intranet	E
	Land management-	Home-grown	20	Citrix	E

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	leasing-water management- environment-GIS-HR- Corporate Applications- NGMP	applications			
	Land management- leasing-water management- environment-GIS-HR- Corporate Applications- NGMP	GIS	10	Web-based	E
	Land management- leasing-water management- environment-GIS-HR- Corporate Applications- NGMP	Collaboration	All	Web-based	E
	Land management- leasing-water management- environment-GIS-HR- Corporate Applications- NGMP	OASIS	20	Citrix	E
Industry Canada		BizPal			
		PeopleSoft	1	Intranet	E
		Spectrum Direct (online access to			

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		apply and obtain radio frequencies)			
		Marine Distress Network			
	Public Safety/Emergency Management	Microsoft Outlook	4	Intranet/Inter net/Client Server	E
		Other applications	1	Intranet	E
Public Health Agency of Canada	Ontario and Nunavut Regional Office	Social media		Internet	E
	Ontario and Nunavut Regional Office	Federal networks and email accounts	n/a	Internet + federal network	E
Public Safety Canada	Public Safety/Emergency Management	SAP	1	Client Server	E
	Public Safety/Emergency Management	RDIMS	4	Internet /Client Server	E
	Public Safety/Emergency Management	PeopleSoft	4	Intranet/Client Server	E
	Public Safety/Emergency	PWGSC Compensation	4	Intranet	E

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	Management	Website			
Public Works And Government Services	Housing and Office	SIGMA	5	Internet	E
	Information Technology	Geomatics & Mapping	2 in YK, .25 outside of Territories	Internet, Intranet, Secure Channel Network	E
RCMP	Communications (Territory Highway Radio Communications)				
	Informatics Communication service for voice and data networks	SAP	25% of staff	Intranet	E (Voice over analog phone to be replaced by VoIP in the next 4 years.)
	Informatics Communication service for voice and data networks	Email	All	Intranet	E
	Informatics Communication service for voice and data networks	PeopleSoft	All	Intranet	E
	Informatics Communication service for voice and data networks	PROS (Operational RMS)	75% of staff	Intranet	E

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**Yukon Current State**

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Economic Development	Information Services	EDFMS (Fund Management System)	15	Client Server	E
Education	Student Information System	Win School		Intranet and Internet	E (being phased out and replaced by YSIS)
	Student Information System	YSIS	600+ (connected to BC school system; hosted in BC)	Intranet and Internet	
		First Class Communication System (email, web publishing, and conferencing)	2900		
		YESNet web portal	30 Yukon school sites; curriculum branch; Department		

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			of Education		
		Tandberg Management System Video Conferencing System	19 video conferencing systems for Whitehorse and community schools		
		Destiny Library Management System	Used in all Yukon schools		
		Kindergarten Registration			
		Labour Market Development Agreement system			
		Student Financial Assistance			
		First Class for YESnet communications	750 teachers/staff and +1000 students	Intranet, Internet, and Client Server	
Health	Public Health	iPHIS (to track immunizations)	25, increasing during	Internet and Intranet; web	

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			immunization for flu	based	
	Acute Care in Nursing Facilities	PACS	80	Intranet and Internet	
	Acute Care in Nursing Facilities	Meditech	80+	Intranet	
	Health Services	Tandberg Videoconferencing		Internet and Intranet	
	Health Services	Insured Services, Medigent Claim Processing System	25 in the office, plus hospital staff. 120 people with access. All communities can look up health registration number	Intranet	
	Continuing Care	Gold Care	300	Intranet	
	Continuing Care	Care Anywhere	30	Intranet – download and use off-line	
	Social Services	LISA (Income Support)	50 – 60	Mainframe on Intranet,	

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				communication from 11 communities	
	Social Services	Wingspan Case management	40 – 50	Intranet – download and use offline	
	Social Services	Client Index - Family and Child Services - track clients and family relationships	80 -100 in all communities	mainframe - old system on Intranet	
Public Libraries	Public Library Services	Integrated Library System	100s	Intranet, separate from government core network	
	Public Library Services	WiFi access for library patrons	Dozens		

### **NWT Current State**

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Aurora College	Operations including distance education,	Internet Usage - Student Email,	All college staff (200+	Internet	E

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	classroom education, staff and student communications, research, site to site connectivity, and general internet use	Student & Staff Research & Program Delivery, etc.	FTE) and Students (1500+ FTE)		
	Operations including distance education, classroom education, staff and student communications, research, site to site connectivity, and general internet use	Moodle (Learning Management System)	125	Internet	E
	College Programming in Health and Human Services	Moodle	Not used daily	Intranet	E
	College Operations	Staff Email (Microsoft Exchange and Outlook)	All college staff (200 + FTE)	Internet and Client Server	E
	College Operations	Student Records System & Multiview Financial System (Delivered via	50	Intranet and Client Server	E

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		Citrix)			
Education, Culture and Employment	CMAS	CMAS	150	Client Server	E
	Student Information System	eSIS	130	Web and Thin Client Citrix	E
		Illuminate			E
		Student Record System		Citrix	E
		Moodle			E
		First Class Email			E
		Masterworks			E
		Microsoft Exchange			E
Environment and Natural Resources	Policy and Strategic Planning	PeopleSoft	9	Intranet	E
	Protected Areas	PeopleSoft	6	Intranet	E
	Public Administration	PeopleSoft	All	Internet	
	Public Administration	Fur Data Base	Most staff	Client Server	E
	Public Administration	Enforcement and LISIN	Most staff	Client Server/Internet	

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	Wildland Fire Science	EMBER	75 (during the summer)	Web-based	E
	Wildland Fire Science	SPARCS (Modelling tool and ops decision aid)	200 (during summer); 2 – 3 (during winter)	Web-based	E
	Wildland Fire Science	Webex (fire modelling, decision support)	17 during the summer; limited during the winter	Web-based	E
	Land and Water	Adobe Professional		Internet/ Intranet	E
	Environmental Protection and Climate Change Mitigation and Adaptation	AQNWT SiteViewWeb		Internet	E
	Environmental Protection and Climate Change Mitigation and Adaptation	Hazardous Materials Spills Database		Internet	E
	Forest Management	PeopleSoft	All staff	Internet	E
	ENR	SAM	All Staff	Internet	E
		Local Data Server	25	Internet	E

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	Wildlife Management	WMIS	3	Client Server	
	Wildlife Management	Species Infobase		Internet	E
	Wildlife Management	SAM	25	Intranet/ Internet	E
	Wildlife Management	ARC Map	10	Client Server	E
	Wildlife Management	EATS	2	Intranet	E
	Wildland Fire Response, Natural Resources Management Information Exchange, Meteorology, Financial Management + Wildfire Operations	EMBER	70	Intranet/ Internet + Client Server	E
	Wildland Fire Response, Natural Resources Management Information Exchange, Meteorology, Financial Management + Wildfire Operations	SPARCS	Up to 20 during wildfire season	Internet/Intranet	
	Wildland Fire Response, Natural Resources	ESRI File Mapping		Client Server	E

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	Management Information Exchange, Meteorology, Financial Management + Wildfire Operations				
	Wildland Fire Response, Natural Resources Management Information Exchange, Meteorology, Financial Management	Vaisala Lightning Location System	7 dedicated sites; 7 remote terminals	DCN	E
	Wildland Fire Response, Natural Resources Management Information Exchange, Meteorology, Financial Management	Toolhound	7 during the fire season	Client Server	E
	Wildfire Operations	Iridium	20 - 50	Satellite	E
	Wildfire Operations	MODIS	50 – 100	Satellite	E
	Forest Management Program	PeopleSoft	1000	Internet	E
	Forest Management Program	EMBER	<50	Intranet	E

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	Forest Management Program	SPARCS	<50	Intranet	E
Health and Social Services		DIPACS (Diagnostic Imaging/Picture Archiving and Communications System)		Land and Satellite	E
		Triple G		Land only; comm. with Alberta Health Services in Edmonton	E
		iEHR (Interoperable Electronic Health Record)	All health centres and hospitals	Land and Satellite/via Citrix	E
		TeleSpeech (online speech therapy)	Various communities	Land and Satellite	E
		MediPatient		Land only	E
		HMIS		Land only	E
Housing Corp	Contributing Assistance for Repairs and Enhancements (CARE)	HC-IMS	30 – 35	Client Server/Citrix	E
	Solutions to Educate	HC-IMS	30 – 35	Client	E

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	People (STEP)			Server/Citrix	
	Providing Assistance for Territorial Homeownership	HC-IMS	30 – 35	Client Server	E
	Homeownership Entry Level Program (HELP)	HC-IMS	30 – 35	Client Server/Citrix	E
Human Resources	IT supporting Recruitment, Payroll, Self-Service	Site Help Desk	150	Internet	E
	IT supporting Recruitment, Payroll, Self-Service	Id Flow	5	Client Server	E
	IT supporting Recruitment, Payroll, Self-Service	SharePoint	100	Intranet	E
Industry, Tourism and Investment	Information Gathering, Research and Analysis	Microsoft Office PeopleSoft	All	Intranet	E
	Information Gathering, Research and Analysis	Adobe Acrobat	All	Client Server	E
	Economic Development, Tourism and Parks	PeopleSoft	15	Intranet	E

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	Economic Development, Tourism and Parks	TEA	3	Intranet	E
	Economic Development, Tourism and Parks	Microsoft Outlook	15	Intranet	E
	MVPO	Microsoft Office, incl. Outlook	All	Client Server	E
	MVPO	PeopleSoft HR	Most staff	Client Server	E
	MVPO	PeopleSoft SAM	Some staff	Client Server	E
Justice	Court Services	FACTS	30	Client Server/Internet	E
	Legal Registries	Personal Property Registry	50	Internet	E
	Legal Registries	SEDAR	50 – 100	Internet	E
	Legal Registries	National Registration Database	50 -100	Internet	E
	Legal Registries	Corporate Registries information System	8	Client Server	E

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	Legal Registries	Daybook	6	Client Server	E
	Correction Services	COMS	100	Client Server	E
	Correction Services	PRED	20	Client Server/Internet	E
	Correction Services	MHS	35	Client Server	E
	Correction Services	SAM	10	Internet/Intranet	E
	Correction Services	PeopleSoft	100	Internet/Intranet	
Municipal and Community Affairs	Emergency Management	Microsoft Applications	500 +		E
	Emergency Management	SharePoint	50+		E
	Emergency Management	Webpage	5		E
Public Works and Services	Asset Management	Computerized Maintenance Management System (Webwork)	50	Internet	E
	Asset Management	VFA.facility	20	Internet	E
	Accommodation	PeopleSoft	4	Intranet	E

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	Services	SAM Financial	1		
	Petroleum Products	ADD Energy	8	Client Server	E
	Petroleum Products	PeopleSoft Financials (SAM)	4	Client Server	E
		PeopleSoft HR	30		
	Petroleum Products	Tero Maintenance Management System	3		
	Records Management	iRIMS	20	Client Server	
	Records Management	Hummingbird Document Management	20	Client Server	
	Financial Management	PeopleSoft Financials (SAM)	300	Intranet/ Internet	E
	Policy, Planning and communications	SharePoint	200	Intranet	E
	Policy, Planning and communications	DIIMS (Document Management System)	25	Client Server	E
	Human Resource Management	PeopleSoft (HR)	1000	Internet/ Intranet	E
Transportation	Airports	Community Aerodrome Radio	2	Email	E

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		System Data (Cars)			
	Airports	Drawing Management System (Innocielo Meridian)	10	Client Server	E
	Airports	Flight/Baggage Information Display System ( Fids/Bids)	5	Client Server and Web	E
	Airports	Landing Fee System (Aileron)	2	Internet (Web-based)	E
	Airports	Lease Management System (Space)	3	Client Server	E
	Airports	Runway Condition Reporting (Tracr II)	6	Client Server	E
	Airports	Safety Management System (Airman)	10	Client Server	E
	Airports	YZF Parking Payment System	2	Bank's Intranet	E

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	Airports	Asset Management System (Webwork)	10	Internet	E
	Corporate Services	Contract Information System (CIS)	20	Internet	E
	Directorate	Website engine (including Road Reports & Traveller Information)	100	Internet	E
	Highways	Bridge Management System (Cartegraph, switching to Stantec)	4	Standalone	E
	Highways	Clarizon Project Management (Software as a Service) tool	20	Internet	E
	Highways	Contract Information System	10	Internet	E
	Highways/Airports	Asset Management System	10	Internet	E

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		(Webwork)			
	Road Licensing & Safety	Motor Vehicle Information System (MVIS)	50	Client / Server over GNWT DCN (Internet)	E
	Road Licensing & Safety	Queuing System (Q-Flow)	5	Client / Server	E
	Road Licensing & Safety	Secure Image Management System (SIMS)	20	Client / Server over GNWT DCN	E
	Road Licensing & Safety	Automated Weigh Scales	2	Internet	E
	HQ --- Policy Planning and Environment, Corporate Services, Directorate, Public Affairs	DOT Website Content Management System	10 internally and thousands among the public	Internet	E
	HQ --- Policy Planning and Environment, Corporate Services, Directorate, Public Affairs	DOT Contract Information System	20	Internet	E
	Other DOT	SharePoint 2010 with external access	100	Internet	E
Technology Service Centre	Centralized IT for	Exchange Email	4500		E

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<b>Department</b>	<b>Division/ Branch</b>	<b>Application (Acronym)</b>	<b># of Users on Daily Basis</b>	<b>Means of Access</b>	<b>Existing or Future?</b>
	GNWT				
Other		Contract Form System (PWS Intranet)	50	Internet	E

### **Nunavut Current State**

<b>Department/ Territorial Agency/ Corporation</b>	<b>Division/ Branch</b>	<b>Application (Acronym)</b>	<b># of Users on Daily Basis</b>	<b>Means of Access</b>	<b>Existing or Future?</b>
Community & Government Services		LCFITS	20	Client Server	E
Community & Government Services	Asset Management	Lease Database	10	Client Server	E
	Asset Management	Keyscan	100	Client Server	E
	Asset Management	Maintenance Management Operating System (MMOS)	10	Client Server	E
	Asset Management	PIL	?	Access DB	E
	Asset Management	Renewal Capital Asset Planning Process (ReCAPP)	10	Client Server	E

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	IPS	Avotus ICM (Communications) Usage Management	5	Client Server	E
	IPS	Discovery	5	Client Server	E
	IPS	License Manager	5	Client Server	E
	Information Security	Situational Awareness Software	5	Internet, Intranet	E
	Information Security	Policy Enforcement Software	Enterprise	Internet, Intranet	E
	PPD	PPD (Petroleum Products Division Information System???)	10	Flat Files	E
	Procurement	TBA	20	Client Server	E
	Protection Services	Boilers	5	Access DB	E
	Protection Services	Electrical	5	Access DB	E
	Protection Services	FMD	?	Access DB	E
	Protection Services	Protection Services	20	Client Server	E

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	Record Management	iRIMS (Livelink)	20	Client Server	E
Culture, Language, Elders & Youth		Living Dictionary	20	Client Server	E
Education		Student Information System ??? (SIS)	50	Client Server	E
		Financial Assistance for Nunavut Students (FANS)	20	Client Server	E
		LMDA/CDCS	50	File Maker Pro	E
		Apprenticeship DB	20	File Maker Pro	E
		Income Support Assessment Personal Data Record System (PDRS)	10	File Maker Pro	E
		Copyright	10	FileMaker Pro	E
		Capital Planning	10	File Maker Pro	E
		Midwifery Education Program ???	5	Client Server	E

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<b>Department/ Territorial Agency/ Corporation</b>	<b>Division/ Branch</b>	<b>Application (Acronym)</b>	<b># of Users on Daily Basis</b>	<b>Means of Access</b>	<b>Existing or Future?</b>
		(MEP)			
		METS (???)	?	Access DB	E
		NISS – education/skills matching	10	Client Server	E
	Distance Education	Free Balance	25	Client Server	
	Distance Education	Illuminate	Sporadic Use	Internet	
	Distance Education	First Class	750	Internet	
Economic Development & Transportation		Motor Vehicle Information System (MVIS)	50	Client Server	E
Executive & Intergovernmental Affairs		Standalone Databases & Applications	20	Access and File Maker Pro	E
Environment		GIS	30	Outsourced	E
Finance		FreeBalance	100	Client Server	E
		ChequePoint	25	Client Server	E
Human Resources	Staffing, Benefit and Payroll	Highline ePersonality/P2K	300+	Terminal Services; Client Server	E
	Staffing, Benefit and Payroll	Exit DB	50+	Stand alone Excel	E

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<b>Department/ Territorial Agency/ Corporation</b>	<b>Division/ Branch</b>	<b>Application (Acronym)</b>	<b># of Users on Daily Basis</b>	<b>Means of Access</b>	<b>Existing or Future?</b>
				spreadsheet on Client Server	
Health Social Services		Meditech	100	Client Server	E
		OmniPharm	50	Client Server	E
		Ormed	30	Advantage	E
		Triple-G	?	Advantage	E
		Child Protective Services (CPS)/Volunteers for Social Services (VSS)	150	Client Server	E
		Icore (Specialty Pharmaceuticals Stem ???)	10	Client Server	E
		Health Record Abstracting Application (WinRecs) & BI	25	Client Server	E
Legislature		Standalone databases/ applications	50	Client Server	E
Justice		COMS	50	Client Server	E

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		Court Information System (CIS)	50	Client Server	E
		JID	?	Access DB	E
		NUCO	?	Client Server	E
Nunavut Arctic College (NAC)		Multiview	?	Client Server	E
		Student Registration System	20		
		Distance to Learn	1,000	Client Server	E
Nunavut Housing Corporation (NHC)		Condition Rating System (CRS)	20	Client Server	E
		EnergyCAP	10		
		Maintenance Management Operating System (MMOS)	10		
		MAS	?		
		RentScale	10		

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## B. Future State

### *Federal Future State*

<b>Department</b>	<b>Division/ Branch/ Program/ Service</b>	<b>Application (Acronym)</b>	<b>Means of Delivery</b>	<b>Planned Launch</b>	<b>Anticipated No. of Users Initially</b>	<b>Anticipated Growth (%)</b>
CanNor	Corporate Network	Integrated Finance, G & C System	Intranet	2011/2012	100	120
	Corporate Network	Email Messaging System	Intranet	2011/2012	100	130
Department of Fisheries and Oceans	Fisheries Management Oceans, Habitat and Species at Risk Science	GIS		2012	20	
Department of National Defence	HF Radio Services	HF Voice & HF Messaging	Over the air	Replacement program is expected to be in place by 2017	50 to 100 organizations nationwide	
	HF Radio Services	Email Service	HF over the air	2013/2014	20 organizations	25
	Military HF Communications	Email Service	Intranet	2014	200	0
	Science and Technology	SharePoint (or equivalent)	Internet	When bandwidth available	20 to 50	
	Science and Technology	Videoconferencing	Internet	When bandwidth available	10	
HRSDC		Videoconferencing	Internet/ Intranet	Within 5 years	Employees over 60th	
		On-line training	Internet/	Within 24	Employees over	

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		(interactive)	Intranet	months	60th	
		Social media	Internet/ Intranet	Within 48 months		
		VoIP	Over our internal network	Within 36 months	All employees over 60th	
Indian and Northern Affairs Canada	Land management- leasing-water management- environment-GIS-HR- Corporate Applications- NGMP	Maps staking	Internet	Within 2 years	10	
	Land management- leasing-water management- environment-GIS-HR- Corporate Applications- NGMP	NGMP	Internet	Feb. 3		
	Land management- leasing-water management- environment-GIS-HR- Corporate Applications- NGMP	IEMS	Intranet	1 year	5	10
	Land management- leasing-water management- environment-GIS-HR- Corporate Applications- NGMP	GIS various applications	Intranet	2 years	20	40
Public Safety Canada	Public	RDIMS	Intranet/	2011 (transition	4	

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<b>Department</b>	<b>Division/ Branch/ Program/ Service</b>	<b>Application (Acronym)</b>	<b>Means of Delivery</b>	<b>Planned Launch</b>	<b>Anticipated No. of Users Initially</b>	<b>Anticipated Growth (%)</b>
	Safety/Emergency Management		Client Server	year)		
RCMP	Informatics Communication service for voice and data networks	Voice	Over the air	Voice over analog phone to be replaced by VoIP in the next 4 years	All	
	Informatics Communication service for voice and data networks	RDIMS (admin RMS)	Intranet		All staff	

### **Yukon Future State**

<b>Department</b>	<b>Division/ Branch/ Program/ Service</b>	<b>Application (Acronym)</b>	<b>Means of Delivery</b>	<b>Planned Launch</b>	<b>Anticipated No. of Users Initially</b>	<b>Anticipated Growth (%)</b>
Education		New Labour Market Dev. Agreement System		2012		
		School Bus System (Tyler Technologies --- Versatrans)		2011/2012	5	Expanded to each school, then to public access
Health	Public Health	Panorama	Intranet within Yukon except for Kwanlin Dun (Internet).; Will extend	2012	80	up to 100, 120- depends on administrators

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<b>Department</b>	<b>Division/ Branch/ Program/ Service</b>	<b>Application (Acronym)</b>	<b>Means of Delivery</b>	<b>Planned Launch</b>	<b>Anticipated No. of Users Initially</b>	<b>Anticipated Growth (%)</b>
			Panorama to them; internet to BC, where service is hosted.			
	Acute Care	Meditech to be expanded in communities		May expand 2012 or 2013. Hospital planning to upgrade Meditech 6		
	Health Services	Interoperable Electronic Health Record (iEHR)		2013-2014, depends on resources		
	Social Services	Nova Scotia Integrated Case Management System	.net, web based. Interacting with server in Whitehorse	2012-2013	150 – 200	10+
	Social Services	JEIN Justice Enterprise Info Network - being implemented by Justice, and SS may join in.	Web based service	2011 - 2012, dependent on new jail.	all communities would use it, 30 people from Social Services. (more from Justice of course)	
Public Libraries	Public Library Services	E-resources-books, database access, social	Internet	2012	Handful to start	will build rapidly

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<b>Department</b>	<b>Division/ Branch/ Program/ Service</b>	<b>Application (Acronym)</b>	<b>Means of Delivery</b>	<b>Planned Launch</b>	<b>Anticipated No. of Users Initially</b>	<b>Anticipated Growth (%)</b>
		networking				
	Public Library Services	Videoconferencing between WH and communities	Internet			
	Public library Services	Online reference project - real time answers	Internet	2012		

**NWT Future State**

<b>Department</b>	<b>Division/ Branch/ Program/ Service</b>	<b>Application (Acronym)</b>	<b>Means of Delivery</b>	<b>Planned Launch</b>	<b>Anticipated No. of Users Initially</b>	<b>Anticipated Growth (%)</b>
Aurora College	College Programming in Health and Human Services	Elluminate	Internet		4	30
	College Operations	SharePoint	Intranet, and eventually Internet	2011/2012	50	50
	College Operations	Elluminate, Adobe Connect, or similar collaborative learning software	Internet	Depends on bandwidth availability	30	25
	College Operations	New Student Information System, such as	Intranet, and eventually	2013?	50	100

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		Banner	Internet			
Education, Culture and Employment		Student Information System (SIS)	Internet and/or Thin Client	2011	1000 – 8000	15
		Pervasive usage of distance education and training tools				
Environment and Natural Resources	Forest Management	FMIS/Forest Inventory & Silviculture Tracking Module(SQL Server/ArcSDE Geodatabase)	Application Server and Intranet	2012/2013	7	
	Forest Management	ELC Photo Library Web Application (SQL Server/ArcSDE Geodatabase)	Application Server and Intranet	2011/2012	37	10
	Forest Management	Aviation Tracking Systems	Internet	2012	10 – 15 (during forest fire season)	
	Forest Management	ForestWatch Detection Systems	Internet/Clie nt Server	2011	5 during forest fire season	25
	Wildland Fire Science	Automated Smoke Detection	Web	2011 pilot	3	20
	Land and Water	Endnote	Client Server	2011	12	10
	Wildlife Management	Natureserve –	Internet/	2012	Unlimited	

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<b>Department</b>	<b>Division/ Branch/ Program/ Service</b>	<b>Application (Acronym)</b>	<b>Means of Delivery</b>	<b>Planned Launch</b>	<b>Anticipated No. of Users Initially</b>	<b>Anticipated Growth (%)</b>
		Biotics and Kestrel	Intranet		(wildlife staff and public)	
	Wildland Fire Response	FMIS	Internet	Within 3 years		10
	Wildfire Operations	MODIS Replacement (USDA)	Internet/Client Server	2011	50 - 100	
	Wildlife Management	LISIN e-Licensing System	Internet		1000	
	Wildlife Management	Wildlife Research Permit Applications	Internet	2012	100	
Health and Social Services		Full implementation of Telehealth services in the communities				
		Patient Information Archiving and paperless ECG				
Human Resources	IT supporting Recruitment, Payroll, Self-Service	Shift Scheduling Software	Internet/Client Server	2011	250	75
Industry, Tourism and Investment		Online SEED Application		Within next few years		
	Economic Development, Tourism and Parks	PeopleSoft	Intranet		15	10
		TEA			7	30
	Economic Development, Tourism and Parks	Microsoft Outlook	Intranet		16	40

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	MVPO	Web Video Monitoring	Internet	5 years	Most staff	
Justice	Court Services	EDMS/E-File	Intranet/ Internet	2012/2013	30 (+ Public Access)	
	Court Services	Jury Management System	Intranet	2011	10	0
	Legal Registries	Corporate Registries online System	Internet	2011	50	5
	Legal Registries	Land Titles Online System	Internet	2012/2013	50	10
Public Works and Services	Records Management	Content Lifecycle Manager	Intranet	2011	300	
Transportation	Road Licensing & Safety	Deh Cho Bridge Toll System	Internet	2011	10	
	Airports	Security Management System	Internet	2015	10	0
	Highways	Bridge management System	Client Server	2011/2012	5	20
	Marine Services	Marine Passenger and Ferry Tracking System	Client Server	2011	8	0
	Marine Services	Asset Management System (Webwork)	Internet	2012/2013	6	0

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	Road Licensing and Safety	Bridge tolling System	Internet	2011	10	0
	HQ	GNWT Document Management System	Internet	2015	100	30
	HQ	SharePoint 2010	Internet	2011	50	20
	HQ	DOT Environmental Management System Variable Message Signs RWIS/Highway Cams	Internet	2012	5	1000
	HQ	Road Weather Information Systems	standalone with push to central server for website	deploy 6 more in the next five years	5	100%
Technology Service Centre	Centralized IT	Exchange 2010				

### **Nunavut**

<b>Department</b>	<b>Division/ Branch/ Program/ Service</b>	<b>Application (Acronym)</b>	<b>Means of Delivery</b>	<b>Planned Launch</b>	<b>Anticipated No. of Users Initially</b>	<b>Anticipated Growth (%)</b>
Education		Teacher Certification	File Maker Pro		10	
		Teacher/Principal	File Maker		5	

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		Evaluation	Pro			
		Student Records ??? (SR)	Client Server		30	
		Income Support	Client Server		10	
Human Resources	Staffing, Benefit and Payroll	Self Service	Intranet	Within 2 years	50+	10%

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