

Canada Revenue Agency Technology Infrastructure Roadmaps



Canada Revenue
Agency

Agence du revenu
du Canada

Canada

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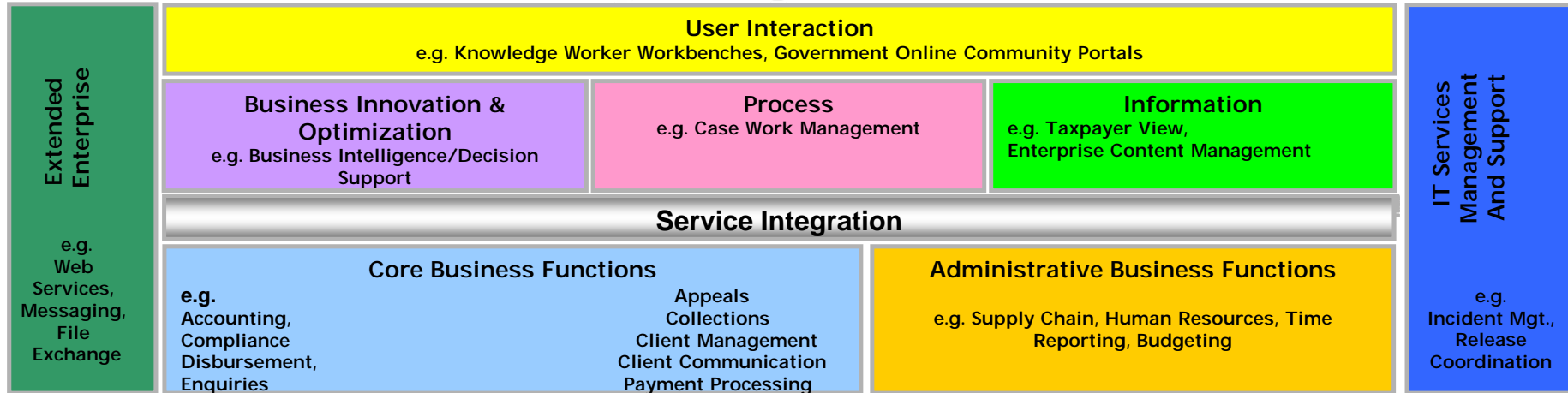

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IT Architecture Categories

Program Facing-IT Services



Infrastructure

Technology

Foundation

(e.g. Processors, operating systems, virtualization and other technologies to ensure a High Availability env.)

Storage

(Disk and Tape)

Infrastructure Management

(e.g. System Management, ITIL disciplines: e.g. Incident, Change, Availability, Capacity, etc.)

Productivity

(e.g. Interface: printers, office suites, email, Cobol, java)

Network Services

(e.g. physical and logical communications)

Security

(e.g. Perimeter, Identity, every aspect to ensure a secure infrastructure)

Data

Data Assets

Data Delivery

Data Asset Management

Data Technology

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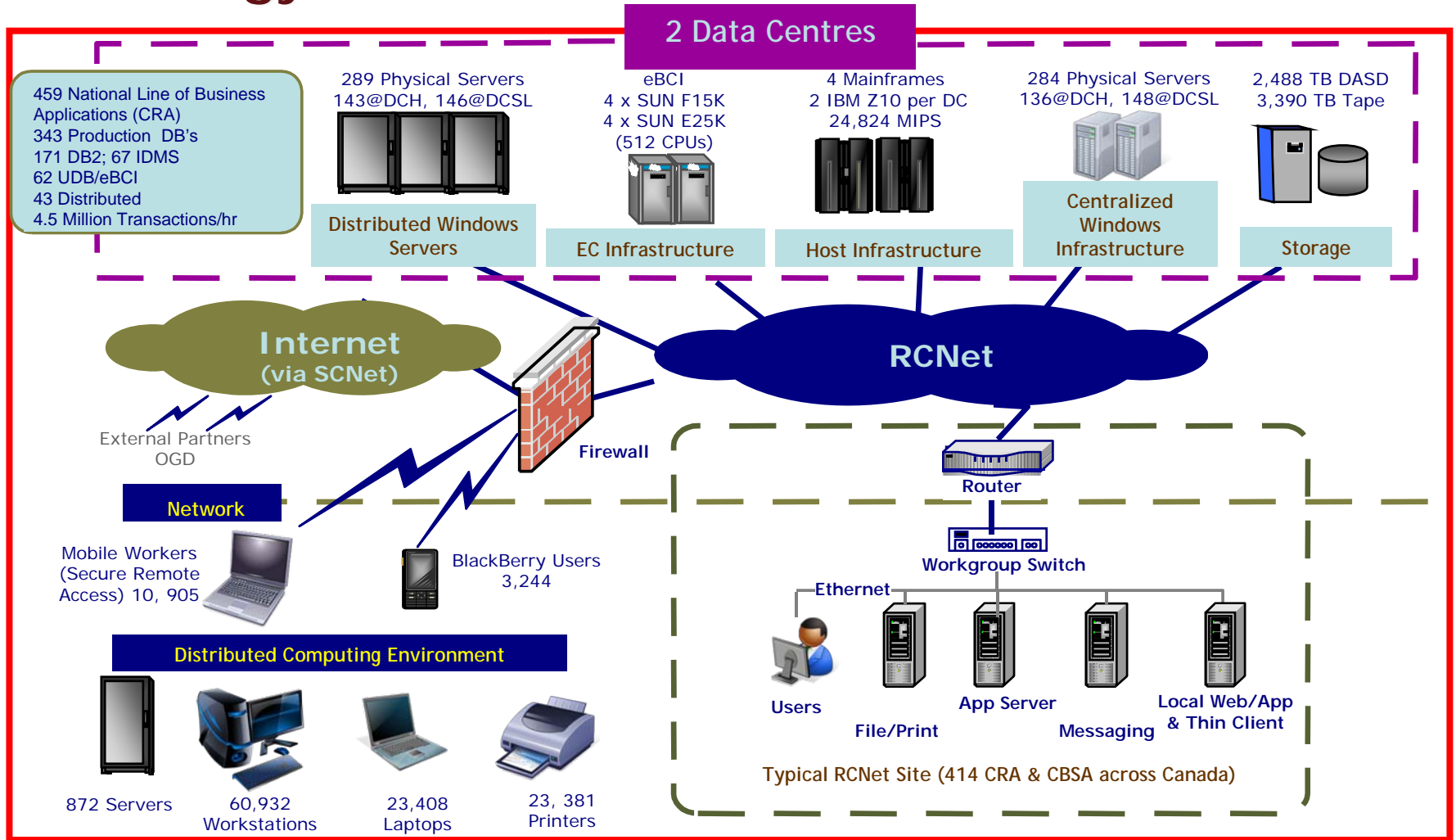
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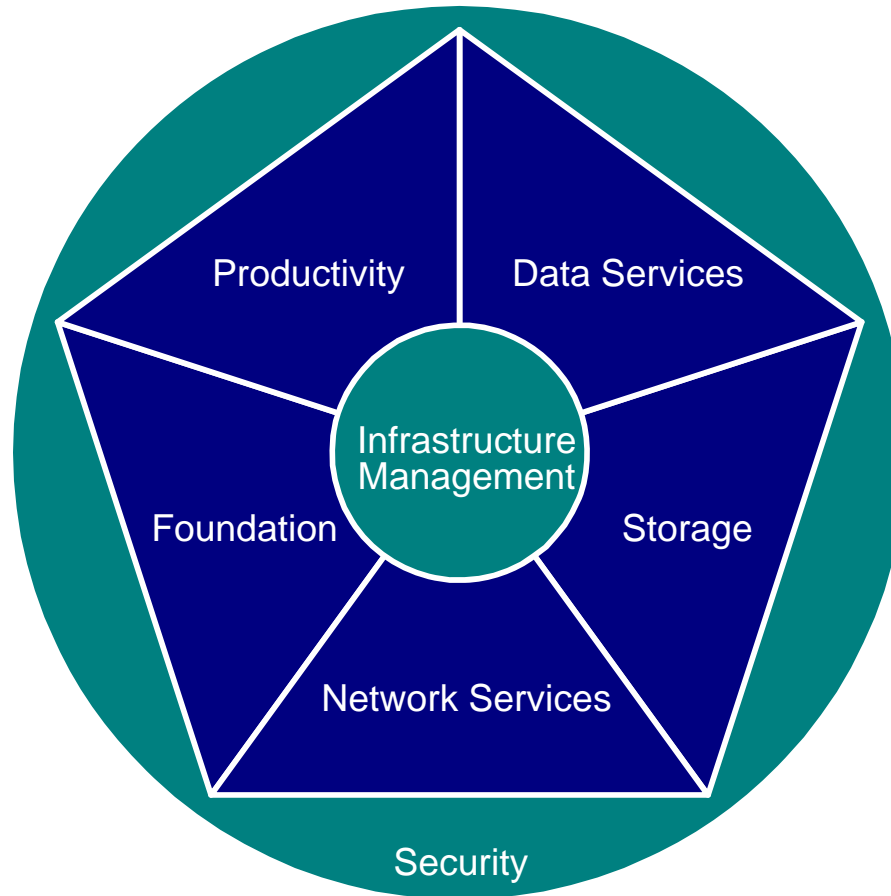
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Technology Architecture Domains



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Productivity

Timeline

The Productivity Domain is a set of hardware and software tools provided to support application development and processing, output/document management, and the enhancement of user efficiency.

Productivity Services consist of application development and processing (e.g. End user interfaces, email, office suites such as word processing, spreadsheets, printers, etc.)

CURRENT

1-3 Yrs

3-5 Yrs

Client Interfaces

MS Office 2003	MS Office 2007	
Open Source Applications	(e.g. Open Office, etc.)	
MS Exchange 2003	MS Exchange 2007	
Blackberry IM	Outlook Web Access -(Internal)	Unified Messaging
Enterprise Content Management	(ECM) eCollaboration	

Developer Interfaces

COBOL		
JAVA		
PowerBuilder, Visual Basic		

Application Processing

WebSphere MQ		
Application Server: BEA Weblogic		
Web Server: Apache		
Cognos Report Net 1.2	Cognos 8	
Search Engine: Autonomy K2		
Gentran Integration Suite (GIS)		

RECOMMENDED USAGE

Development and Pilots Only

Early Adopters

Standard Architecture

Sunset

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Investing in our Future

CRA uses roadmaps to improve our ability to make sound IT investment decisions that align with long term business goals. Roadmaps

- state the architectural direction for the next 5 years.
- express the Agency's preferred IT direction to ensure investments address current needs while aligning with emerging Agency and IT industry trends.

As new or evolving business needs arise, innovative technology enters the marketplace and existing technology becomes outdated, CRA and CBSA's technology infrastructure must adapt and change to meet those needs.

- Investing in the infrastructure means the ability to integrate new solutions to better service the business without impacting the infrastructure.

Increasing business complexity and rate of change are driving the need for continued evolution of the Agency's architecture program

- Increased collaboration, shared governance, and joint planning across business, information and IT architectural disciplines
- Stronger linkages between architecture strategies and Agency investments

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