# **GNB Enterprise Architecture** Roadmap – Overview







**Future State Vision** 

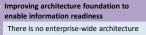


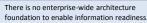
## **Current State**

### **Information Readiness Enabler**



#### All Architecture









Traditional Reporting & Self-Service BI, Best-of-Breed, Analytics & Forecasting

BI Competency Centre

Business
Capabilities

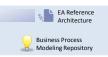
GeoNB, AddressNB, NBRoads, NBWa

Framework (Acts & Policies) Upgrade,

New Enterprise IM Program(s)

Metadata Registry and

Master Data Management Hubs



Business Intelligence (BI)

Forecasting

Optimizing BI, Analytics &

Optimizing

Current Architecture

& Maturity Levels

Shared

Enterprise Data

Platform

All Channel

Software as a

Optimizing

Open Data

Enterprise Data

Digital Information

Strategy and Framework

Provincial Information

Governance and Framework

Information Waste Reduction

Inventories & Assessments

Geo Data Standards

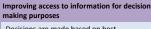
Master Client, Business

**Employee Registries** 

Case Management

Well established enterprise architecture foundation to deliver relevant, timely, and quality information.

#### Information Architecture



Decisions are made based on best information available, usually taking a long time to collect and interpret information.

support eServices, decision making, transparency, and information economy Duplicated and inconsistent information resides in silos making it hard and time consuming to access, reuse, share and

exchange within and with public bodies and

externally.

Improving the quality of information to

Improving eServices and eGovernment Many websites exist and are mainly informative. Only eCommerce and a few





Compliance Transportation

Land Management

Health

IM & IT Legislation &

Policy Framework

Land Information Infrastructure Program NB911 – Address Program

Directories





Publications, GeoNB Open Government Data

One Patient One Record, Drug Information System, Electronic Medical Records



Quality information is provided to decision makers to make informed and evidencebased decisions in a timely matter.

Quality information is readily available, shared, and exchanged with stakeholders, and supports personalized eServices, decision making, transparency, and the information economy. Information is managed as an enterprise asset.

#### eServices and eGovernment meet challenges of quality eHealth, eLearning, economic growth, employment, energy to homes and businesses, and the management of public bodies.

# presentation are not of high quality. **Application Architecture**

eServices are available. Information &

Harmonizing line of business applications to

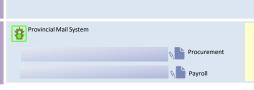
LOB applications with similar functionalities are sourced, managed ,and developed by departments and agencies to meet specific business needs resulting in limited reuse and interoperability.

Improving access to information through business process management and services Information is provided by point-to-point

custom integration of applications reducing agility and flexibility Integrating back office systems to speed up

the flow of information Back office systems are disconnected and hard to support resulting in longer access time to lower quality information.

Technology Architecture



Integrated
Service Delivery

SOA Centre



Line of business applications and platforms are reusable at enterprise level and are more agile, open, and flexible making faster access to relevant information.

Information is provided via standardized, shared, reusable, and adoptable service components, creating a common access point to secure and quality information via mobile and multi-channels.

Information flows readily through well integrated, reliable, and transparent back office systems.

Integrating technology components and services to improve access to timely

Technology components are untrusted and loosely connected resulting in an suboptimal working environment.



Seamless interoperability and interconnectivity of technology services resulting in improved collaboration and availability of information in a timely manner.

#### Security Architecture

#### **Ensuring secure access to government** information

Capabilities exist within public entities at various levels of maturity and are often focused on Information Technology Security. Risk is addressed in silos with little consideration of impact to other Public Bodies.



A standardized set of information assurance capabilities are selected via sound risk management methodology and shared amongst public bodies enabling secure, timely access to government information.