



Government of Ontario IT Standard (GO-ITS)

Number 30.3

OPS Business Intelligence Software

Version #: 1.1

Status: Approved

Prepared under the delegated authority of the Management Board of Cabinet

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1. Foreword

Government of Ontario Information Technology Standards (GO-ITS) are the official publications on the guidelines, preferred practices, standards and technical reports adopted by the Information Technology Standards Council (ITSC) under delegated authority of the Management Board of Cabinet (MBC). These publications support the responsibilities of the Ministry of Government Services (MGS) for coordinating standardization of Information & Information Technology (I&IT) in the Government of Ontario. Publications that set new or revised standards provide enterprise architecture guidance, policy guidance and administrative information for their implementation. In particular, GO-ITS describe where the application of a standard is mandatory and specify any qualifications governing the implementation of standards.

2. Introduction

2.1. Background and Purpose

The intended purpose of selecting a product brand standard for the OPS Business Intelligence (BI) software is to meet the technological needs of the Government of Ontario while positioning the government for service delivery improvements by reducing system complexity and costs.

Product standardization is established to limit the number of software products in use within the OPS. The nature of product standards means that they are the primary products deployed within the OPS. Future procurement activities may or may not change the product standard on a go-forward basis.

I&IT product standard approvals from Architecture Review Board and Information Technology Executive Leadership Council do not replace the procurement process. Acquiring the products listed in this platform standard will require the appropriate procurement process.

Business intelligence solutions are software implementations designed to report, analyze and present data. The technologies used are generally designed to read data that have been previously stored, though not exclusively, within a data warehouse or data mart.

Historically, and as described in previous Standing Agreements, 'business intelligence software' within the OPS is used to provide a set of technologies intended to assist users in making tactical and strategic business decisions.

This standard builds on the OPS utilization of the term 'business intelligence software' and declares a product brand standard for enterprise-wide use.

2.2. Scope

2.2.1. In Scope

Enterprise Level BI solutions: Intended for large scale Enterprise type implementations that make Business Intelligence functionality available to a large user base (often 500+ users). Leveraging web-enabled technologies, these solutions can be deployed across Ministries/Clusters, and used to make query and reporting functionality available to the general public through ministry websites and/or portals.

LAN/Workgroup BI solutions: Intended for small, departmental or workgroup type implementations where a specific branch, or section, requires Business Intelligence software for use by a limited number of users. These users typically gain access via a Local Area Network (LAN) connection to a shared server install. Although these types of implementations provide the same core functionality, they typically represent a cost-effective alternative to more robust and scalable enterprise type applications.

2.2.2. Out of Scope

- Stand-alone workstation installations are excluded
- Business Analytics are excluded; although supported by some BI solutions, this standard is not intended to cover business requirements that have a specific need for Business Analytics.

2.3. Applicability Statements

2.3.1. Organization

Government of Ontario IT Standards and Enterprise Solutions and Services apply (are mandatory) for use by all ministries/clusters and to all former Schedule I and IV provincial government agencies under their present classification (Advisory, Regulatory, Adjudicative, Operational Service, Operational Enterprise, Trust or Crown Foundation) according to the current agency classification system.

Additionally, this applies to any other new or existing agencies designated by Management Board of Cabinet as being subject to such publications, i.e. the GO-ITS publications and enterprise solutions and services - and particularly applies to Advisory, Regulatory, and Adjudicative Agencies (see also procurement link, OPS paragraph). Further included is any agency which, under the terms of its Memorandum of Understanding with its responsible Minister, is required to satisfy the mandatory requirements set out in any of the Management Board of Cabinet Directives (cf. Operational Service, Operational Enterprise, Trust, or Crown Foundation Agencies).

As new GO-IT standards are approved, they are deemed mandatory on a go-forward basis (Go-forward basis means at the next available project development or procurement opportunity).

When implementing or adopting any Government of Ontario IT standards or IT standards updates, ministries and I&IT Cluster must follow their organization's pre-approved policies and practices for ensuring that adequate change control, change management and risk mitigation mechanisms are in place and employed.

For the purposes of this document, any reference to ministries or the Government includes applicable agencies.

2.4. Requirements Levels

Within this document, certain wording conventions are followed. There are precise requirements and obligations associated with the following terms:

Must	This word, or the terms "REQUIRED" or "SHALL", means that the statement is an absolute requirement.
Should	This word, or the adjective "RECOMMENDED", means that there may exist valid reasons in particular circumstances to ignore the recommendation, but the full implications (e.g., business functionality, security, cost) must be understood and carefully weighed before

2.5. Contact Information

2.5.1. Roles and Responsibilities for this GO-ITS Document

Accountable Role Definition

The individual or committee ultimately accountable for the process of developing and maintaining this standard. Where a committee owns the standard, the committee Chair is accountable for developing the standard including future updates. There must be exactly one accountable role identified.

Accountable Role:

Title: Head, Data Collection & Decision Support Solutions (DDSB)

Ministry/Cluster: Community Services I&IT Cluster (CSC)

Responsible Role Definition

The organization responsible for the development of this standard. There may be more than one responsible organization identified if it is a partnership/joint effort. (Note: the responsible organization provides the resource(s) to develop the standard).

Responsible Organization:

Community Services I&IT Cluster (CSC), Data Collection & Decision Support Solutions
Labour and Transportation I&IT Cluster (LTC), Road User Safety Solutions
Health Services I&IT Cluster (HSC), I&IT Strategy and Architecture Branch

Support Role Definition

The support role is the resource(s) to whom the responsibility for actually completing the work and developing the standard has been assigned. If there is more than one support role, the first role identified should be that of the editor – the resource responsible for coordinating the overall effort.

Support Role:

Ministry/Cluster: CSC

Branch: Data Collection & Decision Support Solutions

Section: Enterprise Business Intelligence Unit

Job Title: Senior Business Performance Specialist

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Consulted

Areas consulted as part of the development of this standard include individuals and committees, councils and/or working groups:

Organization Consulted	Division	Branch	Date(s)
MCSS/MCYS/CYSSC	Strategic Policy and Planning; Social Policy Development	Strategic Information and BI; Systems Development and Maintenance; Social Services Solutions Modernization; Policy Research and Analysis	2013-03-04 2013-10-01 2013-10-21 2013-10-23
MAG/MCSCS/JTS	Corporate Services Management;	Controllership and Reporting; Business and Fiscal Planning; Common Cluster Solutions	2013-02-20 2013-10-10 2013-10-28
MTO/LTC	Data Mgmt & Operations	Road User Safety Solutions; Architecture, Information Mgmt & Labour Solutions	2013-03-08
MNR/LRC	Corporate Management and Information	Data Management and Reporting; Mapping and Information Resources	2013-02-21 2013-10-04 2013-11-19
MOHLTC/HSC	Health System Information Mgmt and Investment	I&IT Strategy and Architecture; Integrated Health Solutions; Health Data Branch	2013-01-10 2013-08-14
MTCU/MEDU/CSC	Strategic Policy & Programs; Employment & Training; Student Achievement	Data Collection & Decision Support Solutions; CGMS; Research & Planning; Literacy & Numeracy Secretariat; Service Standards & Accountability	2013-09-30 2013-10-04
MGS/EFSS/CAC/ITS SCS/IPA	Ontario Shared Services; Enterprise Financial Services & Systems	Customer Solutions Delivery; Strategic Partnerships & Program Policy; IFIS BI and Reporting; Portfolio & Project Management Office; Open Government Project	2013-02-20 2013-02-22 2013-02-27 2013-10-07
ServiceOntario/SOIT	Business Improvement	Business Effectiveness; Business Solutions	2013-10-02 2013-10-30

Committee/Working Group Consulted	Date(s)
Solutions Delivery Leadership Council (SDLC)	2013-11-21 and 2014-08-11
Information Management Leadership Committee (IMLC)	2013-10-02 and 2014-04-09
Information Architecture Domain Working Group (IADWG)	2013-09-17 to 2014-04-15
Business Architecture Domain Working Group (BADWG)	2013-09-19 to 2014-07-03
Corporate Architecture Core Team (ACT)	2013-11-20 and 2014-07-30

2.6. Compliance Requirements

All OPS projects/solutions must use or plan for the product standard listed in section 3.

If for some reason this product does not meet requirements, a justification for exemption must be developed and presented to their Cluster CIO. The Cluster CIO formally requests an exemption from ITELC. If an exemption is granted, the ministry/cluster proceeds with a separate procurement.

3. Mandatory Requirements

This standard declares that the following products have been selected by the Government of Ontario for business intelligence software:

- IBM Cognos Business Intelligence
- Oracle Business Intelligence (OBIEE and Hyperion)
- Microsoft Business Intelligence

4. Related Standards

4.1. Impacts to Existing Standards

Identify any Standards that reference or are referenced by this Standard and describe the impact.

GO-IT Standard	Impact	Recommended Action
GO-ITS 20.1 <i>Platform Software Standard</i>	GO-ITS 20.1 requires that further BI product version numbering be added for related platform components, i.e. the 'business intelligence' component in the GO-ITS 20.1 Appendix (a.k.a. the Technology Reference Model for platform software)	Maintain alignment with GO-ITS 20.1
GO-ITS 56.4 BI and Analytics Reference Model	While reference model is product agnostic, lead organization / standard owner and stakeholders are to provide lessons learned vis-à-vis gap-fit analysis between reference model and product standard – important for refinement of the model over time. Updates to the reference model may drive GO-ITS 30.3 updates.	Maintain alignment with GO-ITS 56.4

4.2. Impacts to Existing Environment

Impacted Infrastructure	Impact	Recommended Action
None	None	N/A

5. Copyright Information

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