



# **LEGACY APPLICATION MAINTENANCE STANDARDS**

**VERSION 1.0**

**FEBRUARY 9, 2007**

---

**Information and Technology Management Branch**

**❖ IM / IT Standards & Guidelines ❖**

## Table of Contents

DOCUMENT PURPOSE.....	3
SCOPE OF LEGACY APPLICATIONS .....	3
LEGACY APPLICATIONS MAINTENANCE DELIVERABLES.....	3

## Document Purpose

The purpose of this document is to provide ADE standards and guidelines on the Legacy Applications maintenance roadmap and what deliverables are to be typically produced in this roadmap. This document assumes that *no new applications are developed with Legacy Technologies and only routine maintenance and enhancements to existing Legacy applications are taking place*. This document also assumes that the reader is familiar with the Ministry's ADE web site.

## Scope of Legacy Applications

The ADE process identifies the following Technologies and Application development environments as Legacy Technologies. If any other Technologies / development environments are discovered as Legacy in future, those will be added to this list.

- OpenVMS Alpha Cluster
- Rdb / Powerhouse
- File Maker Pro
- Clipper
- Foxpro

## Legacy Applications Maintenance Deliverables

Currently no new applications are developed with the Legacy Technologies listed above. Routine maintenance and enhancements to existing Legacy applications are carried out from time to time. Keeping this in view, the ADE process recommends a simpler version of Standards and Deliverables for Legacy applications maintenance. As per the application risk category definitions of ADE (<http://gww.msd.gov.bc.ca/itmb/destandards/route/sel-level.htm>), it is assumed that the existing Legacy applications fall into “medium risk” category.

The Legacy Applications roadmap deliverables as per the ADE process are listed below.

## Legacy Applications Deliverables Matrix

	Deliverable Name	Deliverable Format	Legacy Route		
			Low Risk	Med. Risk	High Risk
	<b>System Development Deliverables</b>				
1.	Glossary	Template			
2.	High Level Business Function Model	Model			
3.	Initial Business Data Model	Model			
4.	Business Requirements Document (BRD)	Template		⊙	
5.	Technical Architecture Document	Template			
6.	System Data Model	Model			
7.	System Function Model	Model			
8.	System Process Model	Model			
9.	Application Architecture Document	Template			
10.	Application Design Deliverables as defined in the Application Architecture Document or Module Functional Documentation and Module Technical Documentation	As listed in AA document (section 3)			
11.	Logical Database Design	Model		⊙	
12.	Analysis, Design & Architecture Document (ADA) for Legacy Applications ( <i>Consolidates the deliverables 4,5,6,7,10,12,21,22</i> )	Template		●	
13.	Data Conversion Strategy	Template			
14.	Testing Strategy	Template		⊙	
15.	Training and Support Strategy	Template			
16.	Physical Database Design	Server Model		●	
17.	Production Database DDL	Scripts		●	
18.	Application Source Code	Source code with Code documentation, EAR files etc.		●	

- A dot in a cell ("●") indicates the deliverable is applicable and mandatory.
- A circle in a cell ("⊙") indicates the deliverable is to be produced as required, depending on the situation.
- A completely grayed column indicates that application risk category is not applicable to that route.

	Deliverable Name	Deliverable Format	Legacy Route		
			Low Risk	Med. Risk	High Risk
19.	Runtime Meta Data	Metadata (format TBD)			
20.	Conversion Modules	Scripts			
21.	Converted and Verified Data	Data			
22.	User Acceptance Test Plan	Scripts		⊙	
23.	Implementation Plan	Template			
24.	Operations Support Guide	Template			
25.	Training and Support Materials	Template			
	<b>Project Management Deliverables</b>				
26.	Feasibility Study	TBD			
27.	Project / Initiative Overview (PIO)	Template		●	
28.	Project Charter	Template			
29.	Project Workplan	Template or MS Project Workplan		●	
30.	Light Master Project Plan (MPP-Lite)	Template		●	
31.	Master Project Plan (MPP)	Template			
32.	Risk Information Sheet	Template		⊙	
33.	Project Issue Form	Template		⊙	
34.	Project Change Request Form	Template		⊙	
35.	Project Status Report	Template		●	
36.	Project Evaluation Document	Template		⊙	
37.	Project Completion Checklist	Template		●	
	<b>Quality Management Deliverables</b>				
38.	Project Component Delivery Information (PCDI)	Template			
39.	Quality Control Items List (QCIL)	Template		●	

- A dot in a cell ("●") indicates the deliverable is applicable and mandatory.
- A circle in a cell ("⊙") indicates the deliverable is to be produced as required, depending on the situation.
- A completely grayed column indicates that application risk category is not applicable to that route.