

IT System Profiles Summary Instructions

FY05-06

This schedule is intended to provide an overview of the department's inventory of communication and information technology systems. It summarizes the profiles – including some business and technical characteristics – for each individual system.

Changes from last year's version

1. The number of characteristics have been modified in order to capture a more focused profile for each system (the 5 columns from last year which identified “stakeholders” have been dropped; the 2 new columns are H and I).

Objective

- To inventory or confirm the inventory of State IT systems;
- To serve as a baseline against which all IT investments can be recorded; and
- To serve as the primary link between IT investment and business performance.

Assumptions**Definition:**

An *IT system* is an assemblage of inter-related components designed to work as a coherent entity; computer hardware and software connected together in order to facilitate the flow of information serving a common purpose; and/or technology elements which automate a unified set of business processes (complex of methods or rules governing behavior).

An IT system can:

- be a single application (with the supporting hardware and software);
- be a reasonable collection of applications and databases (with the supporting hardware and software);
- narrowly address one functionality for multiple stakeholders;
- broadly address multiple functionality for a single stakeholder.

Instructions

For each of the department's communication and information technology systems, complete one (1) row in the spreadsheet. List the department's IT systems using the following approach:

- 1) provide individual entries for ALL of the department's major (high-profile, largest, and/or most critical) IT systems; and
- 2) provide one additional entry labeled “other” which represents all the remaining lesser department IT systems in aggregate.

NOTE: This list must be identical to that provided in the “Systems” sections of the IT Sch1200 and 3000.

Section	Description
A. Name	Identify the department given and/or common-use name. NOTE: This list must be identical to that provided in the “Systems” sections of the IT Sch1200 and 3000.

Architecture	
B. User Interface	<ul style="list-style-type: none"> • 3270 • Web Browser • Windows • X/Motif • Other (enter additional identification or explanation in the cell directly below this word)
C. Database	<ul style="list-style-type: none"> • Adabas • DB2 • Informix • MySQL • Oracle • SQL Svr • Sybase • VSAM • Other (enter additional identification or explanation in the cell directly below this word)
D. Application Language	<ul style="list-style-type: none"> • .NET • Basic/VB • C/C++ • Cobol • Forte • Fortran • Java/J2EE • Natural • PowerBuilder • Other (enter additional identification or explanation in the cell directly below this word)
E. Computing Platform	<ul style="list-style-type: none"> • AS400 • Linux • OS390 • UNIX • Wintel (MS Windows + Intel) • Other (enter additional identification or explanation in the cell directly below this word)
F. Network	<ul style="list-style-type: none"> • Internet • LAN (local area network) • WAN-wireless (wide area network) • WAN-wireline • Other (enter additional identification or explanation in the cell directly below this word)
G. Facility	<ul style="list-style-type: none"> • Agency data center • Dept data center • Outsourced data center • State (enterprise) data center • Other (enter additional identification or explanation in the cell directly below this word)

Role	
<p>Is this IT system required to deliver one or more of the State's critical and essential functions as defined in the agency's Continuity of Operations Plan (COOP) or the State's Continuity of Operations Plan (COG)?</p> <p>"Critical and essential functions are those that enable the State of Colorado to continue government operations and provide vital services, exercise civil authority, maintain safety and well-being of general populace, and sustain industrial and economic base in an emergency." These should include those support activities needed to ensure that the critical and essential functions can be performed efficiently during emergency relocation."</p>	
H. Critical	<ul style="list-style-type: none"> • <i>Critical system</i>: delivers those functions which, if not performed, would have a grave impact upon the lives of the public and private property in Colorado. • Using the pop-up menu select either Y (Yes) or N (No)
I. Essential	<ul style="list-style-type: none"> • <i>Essential system</i>: delivers those functions which, if not performed, would likely have a severe negative impact on the lives of the public and private property in Colorado [but the impact of which would not necessarily be as immediate or significant as the consequences of critical functions]. • Using the pop-up menu select either Y (Yes) or N (No)
Services	
J. Disaster Recovery	<ul style="list-style-type: none"> • <i>Hot-hot site</i>: the associated hardware and software infrastructure is split between at least 2 physically separate facilities and the regular production workload is balanced across this entire infrastructure. • <i>Hot-cold site</i>: at least one other facility (similarly configured with the necessary hardware and software) stands ready to takeover some or all of the regular production workload (but handles none currently). • <i>Data backup</i>: only the data is backed up (no substitute infrastructure stands ready). • <i>Other</i> (enter additional identification or explanation in the cell directly below this word) • <i>None</i>
K. ID Mgmt / Directory	<ul style="list-style-type: none"> • <i>Resident</i>: the system relies on a directory that is resident in or specific to this system to manage identification and access control. • <i>Division</i>: the system relies on a directory that is shared with other systems in the same Division or line-of-business to manage identification and access control. • <i>Dept</i>: the system relies on a directory that is shared with other systems in the same Department to manage identification and access control. • <i>Enterprise</i>: the system relies on a directory that is shared with other systems outside the Department to manage identification and access control. • <i>Other</i> (enter additional identification or explanation in the cell directly below this word) • <i>None</i>
L. Pmt	<ul style="list-style-type: none"> • <i>Payment Processing</i>: does this system include the ability to accept and process payments? Using the pop-up menu select either Y (Yes) or N (No).

M. Other Systems	
Does this system interface with other systems?	For each sub-column , select (using the pop-up menu) either Y (Yes) or N (No) to indicated whether this system interfaces with other systems in this locations: (mark ALL that apply...resulting in 0 – 3 selections)
	D Yes, other systems within the same <i>department</i> .
	S Yes, other systems else where in the <i>state</i> .
	E Yes, other systems <i>external</i> to the state (e.g. a private-sector or public sector partner's system).