

CSS CAP Software Requirements Specifications Release Notes May 16, 2011,

Release History		
Date	Documents Affected	Details of Changes
August 27, 2010	Software Requirements Specification (SoftSpec_v1.0_CSSCAP.pdf)	Moved, added, and deleted requirements.
August 27, 2010	Data Standard workbook (DataStandard_v1.0_CSSCAP.xls)	Flagged cross validation fields in CHA & Supplements
August 27, 2010	XML Schema (XMLSchema_v1.0_CSSCAP.zip)	New zip file added to the software requirements specifications containing: <ul style="list-style-type: none"> ➤ 11 .xsd files ➤ 1 .xml file
September 15, 2010	XML Schema (XMLSchema_v1.0.1_CSSCAP.zip)	<ul style="list-style-type: none"> ➤ Element Addition ➤ Element Description Change
September 15, 2010	Software Requirements Specification (SoftSpec_v1.0.1_CSSCAP.pdf)	<ul style="list-style-type: none"> ➤ Clarification to requirement
October 1, 2010	Software Requirements Specification (SoftSpec_v1.0.3_CSSCAP.pdf)	<ul style="list-style-type: none"> ➤ Updates to Document Overview section to include references to Data Submission Requirements and revised the file contents of the XML Schema to include sample .xml files. ➤ Changed references to interRAI CHA version from 9.1 to 9.x (dated September 23, 2010). Version of CHA still to be provided by interRAI.
October 1, 2010	Data Standard workbook (DataStandard_v1.0.2_CSSCAP.xls)	<ul style="list-style-type: none"> ➤ Updates to CHA elements based on interRAI Technical Specification revision dated September 23, 2010
October 1, 2010	XML Schema (XMLSchema_v1.0.3_CSSCAP.zip)	<ul style="list-style-type: none"> ➤ Updates based on interRAI Technical Specification revision dated September 23, 2010

October 8, 2010	Software Implementation Validation Guide (Implementation Validation GuideHSP_v1.0_CSSCAP.doc) (Implementation Validation GuideVendor_v1.0_CSSCAP.doc)	<ul style="list-style-type: none"> ➤ Release of Software Implementation Validation Guides for Vendors and LHINs/HSP
October 27, 2010	Software Implementation Validation Guide (Implementation Validation GuideHSP_v1.0.1_CSSCAP.doc) (Implementation Validation GuideVendor_v1.0.1_CSSCAP.doc)	<ul style="list-style-type: none"> Updates to Implementation Validation Guide <ul style="list-style-type: none"> ➤ Software Implementation Validation Part 1 ➤ Vendor Development and Compliance test Part -2
October 27, 2010	Data Standard _v1.0.3	<ul style="list-style-type: none"> ➤ Updated Version # for Core and Supplement Assessments
November 5, 2010	XML Schema (XMLSchema_v1.0.4_CSSCAP.zip)	<ul style="list-style-type: none"> ➤ Updated to accommodate data elements schema validation
December 10, 2010	XML Schema _v1.0.6	<ul style="list-style-type: none"> ➤ Schema updated to accommodate discharge assessment validation ➤ Label changes to interRAI forms ➤ Label changes to CAPs description (ADL & Feeding tube CAPs) ➤ Implementation validation guide scenario 4 updated ➤ Client PI information updated in XSD
January 07, 2010	XML Schema _v1.0.6	<ul style="list-style-type: none"> ➤ Updated Urinary Continence CAP value (added missing CAP degree of 1)
	Data Standard _v1.0.6	<ul style="list-style-type: none"> ➤ Updated Urinary Continence CAP value (added missing CAP degree of 1)
	Implementation Validation GuideVendor_v1.0.3_CSSCAP.do	<ul style="list-style-type: none"> ➤ Reworded Features Check list Supplement Creation section – Step 3
	Implementation Validation GuideHSP_v1.0.2_CSSCAP.doc	<ul style="list-style-type: none"> ➤ Reworded Features Check list Supplement Creation section – Step 3 ➤ Scenario 4 Discharge Assessment –included administrative face sheet as part of data required for scenario completion

	Data Standard sheet _v1.0.7	<ul style="list-style-type: none"> ➤ Removed Worksheet for CAPs and Outcome Scores
January 21	XML Schema _v1.0.6	<ul style="list-style-type: none"> ➤ Enumerations and attributes added to schema elements ➤ CAPs description updated to align with interRAI specification
	Data Standard	<ul style="list-style-type: none"> ➤ Field lengths included for administrative face sheet elements for IAR consistency
March 1, 2011	XML Schema _v1.0.6	<ul style="list-style-type: none"> ➤ Outcome Scores and Measure Pain Scale updated to reflect scale of 4 and updated scale description ➤ Functional Supplement Section D2 – Schema updated to accept values ranging from 1-29 seconds ➤ Updated Assessment ID attribute for CAPs and Outcome scores for Ax and should be Mandatory if Triggered ➤ Assessment Completion date to updated as Mandatory in schema
May 16, 2011	Vendor Implementation Validation Guide	<ul style="list-style-type: none"> ➤ Updated Part 2 –IAR section of the document
	HSP Implementation Validation Guide	<ul style="list-style-type: none"> ➤ Updated Part 2 – IAR section of the document
	Data Standard Spreadsheet	<ul style="list-style-type: none"> ➤ Edited Title heading for System Data Elements worksheet ➤ Removed Assessment Types listed in worksheet

Details of August 27, 2010 update to the software requirements specifications

	#	Field	Type of Change	Original Content	Change	Documents Affected			
						Data Elements	Software Specification	Reports Specification	XSD
1			Update		Flagged data fields with cross validation marked with ** ** and Notes section 1. Core CHA 2. FS 3. MH 4. DB 5. AL	Yes	No	No	No
2			Addition		System Data Elements Sheet: Stored Assessment Status New Modified/Correction Deletion	Yes	No	No	No
3			Update		Administrative face sheet The following fields were changed to Optional Physician Contact POA for Personal Care POA for Property	Yes	No	No	No
4			Addition		Section 4.3 vendors should check with their HSPs whether guidelines may be implemented	No	Yes	No	No

5			Wording	<p>A client may be discharged upon completion of the assessment or if the assessor makes the decision to discharge the client without completing an assessment (refer to CHA section A)</p>	<p>Section 4.4 Within the CSS sector a client may no longer require services from an HSP and may be discharged. (Refer to Appendix A for CHA discharge rules)</p> <p>A client may be discharged upon completion of the assessment (Type of assessment is Discharge assessment, covers last 3 days) OR</p> <p>If the assessor makes the decision to discharge the client without completing the assessment. (Type of assessment Discharge only)</p>	No	Yes	No	No
6			Addition to existing	<p>Section 5 –Assessment Completion Process Recommendation is to complete the assessment and all supplements within three days.</p>	<p>Section 5 –Assessment Completion Process Recommendation is to complete the assessment and all supplements within three days vendors should check with their HSPs whether guidelines may be implemented.</p>	No	Yes	No	No
7			Wording	<p>Section 5.1.1 (2) Administrative Face Sheet (refer to data element spreadsheet) Additional administrative data elements, such as client demographics are required to be captured as part of the assessment data</p>	<p>Administrative Face Sheet is additional data elements required to be captured as part of the assessment data (refer to data element spreadsheet).</p>	No	Yes	No	No

8			Wording	Requirement 5.1.4 If a functional supplement is not triggered it can still be completed at the discretion of the assessor.	If a functional or any of the optional supplement is not triggered it can still be completed at the discretion of the assessor	No	Yes	No	No
9			Moved	Renumbered 5.2.2 (1.) to 5.1.5	Only demographic information (Section A) can be pre-populated from the Core CHA to related supplements	No	Yes	No	No
10			Moved	Renumbered 5.2.4 to 5.1.6	A note entry field must be appended to each section of the core and supplement assessments for additional information entry.	No	Yes	No	No
11			Deletion	5.1.7 Add requirements for CAPs and Outcome display (placeholder)		N/A	Yes	N/A	N/A
12			Wording	Requirement 5.1.7 Once an assessment is complete the system must calculate Clinical Assessment Protocols(CAPs), Scales and outcome scores (refer to technical specification)	An assessor must be able to view triggered CAPs, scales and outcome scores for assessment once all mandatory fields and cross validation fields have been completed. It must also provide the ability to store the triggered CAPs and Outcome scores as values once the assessment record has a completed status.	No	Yes	No	No
13			Addition		5.1.8 The system must automatically assign "In Progress", "Complete" and "Cancelled" status for assessments based on business rules.	No	Yes	No	No

14			Wording	AC BR.6 The face sheet needs to be completed prior with the core CHA	The face sheet needs to be completed along with the core CHA	No	Yes	No	No
15			Deletion	AC.BR7 System must link the core assessment to all completed relating supplements, face sheet, triggered CAPs and Outcome scores via a common identifier	Deleted " via a common identifier "	No	Yes	No	No
16			Wording	AC.BR.9 With the exception of Section A no other responses can be carried over from core or prior assessments	With the exception of Section A no other responses can be carried over from core CHA to its supplements or to subsequent assessments	No	Yes	No	No

17			Wording	<p>AC.BR 12 The triggered CAPs and Outcome scores should be presented when assessment responses have been provided and there should be no outstanding errors or missing mandatory fields. The CAPs triggered and Outcome scores should be displayed upon completion of one of the following conditions:</p> <ol style="list-style-type: none"> 1. If only the Core was completed (no other supplement triggered) 2. The Core CHA and Functional was completed (no other supplements were triggered) 3. The Core CHA + FS + Other Supplements triggered <p>Note: The calculation of certain CAPs changes once a Functional Supplement is triggered and completed</p>	Triggered supplements and outcome scores may only be displayed once all of the mandatory fields in Core CHA plus any triggered supplements have been completed				
18			Wording	<p>AC.BR15 Partially completed optional supplements may be cancelled.</p>	Partially completed Core and or supplements may be cancelled.	No	Yes	No	No
19			Deletion	<p>AC.BR.16 (2) For optional supplement a cancellation reason may not be required</p>		No	Yes	No	No

20			Deletion	Provide the ability to export one or more assessment data to CSV, Excel formats		No	Yes	No	No
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Details of September 15, 2010 update to the software requirements specifications

#	Field	Type of Change	Original Content	Change	Documents Affected			
					Data Elements	Software Specification	Reports Specification	XSD
1	Health Card Number	Update	Health Card Number - Mandatory	<i>Health Card Number - Optional</i>	Yes	No	No	Yes
2	Reason for no HCN	Addition		<i>Administrative face sheet : 'ReasonNoHCN' added as a drop down field with the following values: - Client states that Health Card is lost or stolen -RCMP -Canadian Forces -Correctional Services -Immigrant -Homeless -Out of Province -Refugee Admission -Other -not eligible</i>	Yes	No	No	Yes
3		Addition		Functional Supplement added to Triggered /Completed Conditions	No	No	No	Yes

4		Wording/ Deletion	4.4 Discharge A client may be discharged upon completion of the assessment (Type of assessment is Discharge assessment, covers last 3 days and Discharge only) OR If the assessor makes the decision to discharge the client without completing the assessment. (Assessment type discharge only)	A client may be discharged upon completion of the assessment (Type of assessment is Discharge assessment, covers last 3 days or Discharge only)	No	Yes	No	No
5		Wording	AC.BR.17 Option 6 of section A: if selected section P of CHA "Discharge" is required to be completed only	Option 6 of section A: if selected section P of CHA "Discharge" is required to be completed in addition to the responses provided for the assessment	No	Yes	No	No

Details of October 1, 2010 update to the software requirements specifications

#	Field	Type of Change	Original Content	Change	Documents Affected			
					Data Elements	Software Specification	Reports Specification	XSD
1		Revised CHA and Supplement forms		CHA: A6b: should read “Agency Identifier”	Yes	No	No	No
2		CHA and Supplement forms	ICD Code 10	CHA: I2: header for the ICD columns should read “ICD Code” (remove reference to ‘10’ and “example Canada”)	Yes	No	No	Yes
3		CHA and Supplement forms		CHA: L1g: remove the following: “[Example Canada – DIN]”	Yes	No	No	No
4		CHA and Supplement forms		CHA: L1g: title for column “g” should read “Drug Code”	Yes	No	No	No
5		CHA and Supplement forms		Remove item A2b (Province or Territory issuing health card) – applies to FS,MH,DB and AL	Yes	No	No	Yes
6		CHA and Supplement forms		Case record number now becomes A2b – applies to FS,MH,DB and AL	Yes	No	No	Yes
7		CHA and Supplement forms		Functional Supplement: E2, response option “1”: correct spelling of “device”	Yes	No	No	No

8		CHA and Supplement forms		Deaf/Blind Supplement: C1b: correct spelling as follows: Langue des signes québécoise	Yes	No	No	No
9		Update	Document Overview Section	interRAI CHA Technical Specifications (provided by interRAI and revised as of September 23, 2010)	No	Yes	No	No

10		Update	Document Overview Section	<p>The relevant documents to the development of the interRAI solution are located under the date of the latest release of requirements (e.g., IAR Requirements – June 4, 2010):</p> <ul style="list-style-type: none"> • READ ME – Release Notes document • Data Submission and Technical Specifications • IAR Submission Schema • IAR PHI Submission Schema • IAR Web Service Definition <p>Additional requirements are included in the IAR Documentation section, namely:</p> <ul style="list-style-type: none"> • Vendor Development and Compliance Test 2.0 	No	Yes	No	No
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Details of October 8, 2010 update to the software requirements specifications

#	Field	Type of Change	Original Content	Change	Documents Affected			
					Data Elements	Software Specification	Reports Specification	XSD
1		Implementation Validation Guide		2 versions of the implementation validation guide 1. <i>Software Vendors</i> 2. <i>LHINS/HSP</i>	No	No	No	No

Details of October 27, 2010 update to the software requirements specifications

#	Field	Type of Change	Original Content	Change	Documents Affected			
					Data Elements	Software Specification	Reports Specification	XSD
1		Update	Implementation Validation Guide	<i>Updated to a 2 part document for the implementation validation guide - Part 1 - Software Implementation Validation for Vendors and LHINs/HSP - Part 2 - Vendor Development and Compliance Test (IAR test submission)</i>	No	No	No	No
2		Update	InterRAI Assessment Forms version 9.1	<i>Core CHA -version 9.1.3 Functional Supplement - version 9.1.1 Mental Health Supplement - version 9.1.1 Deaf/Blind Supplement - 9.1.1 Assisted Living Supplement - version 9.1.2</i>	Yes	No	No	Yes

Details of November 5, 2010 update to the software requirements specifications

#	Field	Type of Change	Original Content	Change	Documents Affected			
					Data Elements	Software Specification	Reports Specification	XSD
1		Update	Removed trailing blank space for element in schema	1) AdminFace, element SourceReferral. The possible values include: <xs:enumeration value="Family "/>. Note the trailing blank after the y in Family in schema	No	No	No	Yes
2		Update	<FSForm TriggeredYN="false" CompletedYN="false" > The assessor name and date signature fields are mandatory	<i>Mandatory values in element SignofAssessor and DateSignComp that are defined within FS AssessmentInformation element SignofAssessor and DateSignComp now optional</i>	No	No	No	Yes

3		Update	Functional supplement, fields K2a (HomeHealthAides/ TotMinsLastWk) & K2c allows a maximum character limit of 2	Character limit restriction removed	No	No	No	Yes
4		Update	Functional supplement, field O3 (NumIndpADLDet). allows a maximum character limit of 2	Character limit restriction removed	No	No	No	Yes
5		Update	Functional supplement, field O4 (NumIndpIADLDet) allows a maximum character limit of 2	Character limit restriction removed	No	No	No	Yes

Details of December 10, 2010 update to the software requirements specifications

#	Field	Type of Change	Original Content	Change	Documents Affected			
					Data Elements	Software Specification	Reports Specification	XSD
1		Update	<p>Changed schema to accommodate "Reason for Assessment" grouping to three categories to allow successful schema validation for discharge assessments (A5 and A6) based on cross validation rules</p>	<p><i>Reason for Assessment categorized into 3 groups</i> 1. Regular Assessment Include: First assessment (1), Routine reassessment (2), Return assessment (3), Significant change in assessment (4) other assessments (7) <u>Rules:</u> Section D,E,F,P were made Optional fields in the schema to allow schema validation for cross validation rules All other sections are Mandatory</p> <p>2. Discharge Assessment include Discharge Type (5)</p>	No	No	No	Yes

1				<p><u>Rules:</u> Section D,E,F,P were made Optional fields in the schema to allow schema validation All other sections are Mandatory</p> <p>3. <u>Discharge Tracking Assessment</u> Discharge Tracking Discharge Tracking only (6)</p>				
2		Update - Forms	Label changes to inter RAI forms	<p>Core Cha Section N: Label title changed to “Social Supports” from “Social Relationships”</p> <p>Assisted Living Supplement Item:D1d title - should read ‘Leisure/fun activities (excluding physical activities)</p>	Yes	No	No	Yes

3		Update – CAPs description	<p>Label Changes to CAPS ADL Feeding Tube CAP</p>	<p><i>ADL CAPS</i> <i>From</i> 2 = Triggered to prevent decline 1 = Triggered to facilitate improvement 0 = Not Triggered</p> <p><i>Changed to</i> 2 = Triggered to facilitate improvement 1 = Triggered to prevent decline 0 = Not Triggered</p> <p><i>Feeding Tube CAPS</i> <i>From</i> 1 = Triggered –Low Risk 2 = Triggered – High Risk 0 = Not Triggered</p> <p><i>Changed to</i> 1 = Triggered – Absence of cognitive abilities 2 = Triggered – Has some residual cognitive abilities 0 = Not Triggered</p>	Yes	No	No	No
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4			Implementation Validation Guide for Vendors	<i>Scenario 4: Discharge tracking only</i> Included administrative face sheet as part of data elements required as part of scenario validation	No	No	No	No
5		Update -IAR	The common Client PI schema has been updated to add maximum field lengths to specific fields. This is due to ensure the data is EMPI compatible and this particular schema is used by RAI-CHA, RAI-MDS and any future CCIM developed schemas.	The fields that now have length limits applied are : Client ID - 40 (originally 60) Client First Name - 30 Client Middle Name - 30 Client Last Name - 75 Client Preferred Name - 30 Address Line - 75 City - 30 Postal Code - 10 (fixed length of 6 removed) Phone Number - 20 Extension - 10 Email Address - 128 Health Card Number - 40 Health Card Version - 10 Culture - 128	No	No	No	Yes

Details of January 07, 2011 update to the software requirements specifications

#	Field	Type of Change	Original Content	Change	Documents Affected			
					Data Elements	Software Specification	Reports Specification	XSD
1		Update	Urinary Incontinence CAP	Added missing Urinary Incontinence CAP degree 1 = Not Triggered - Continent	Yes	No	No	Yes
2		Update	Implementation Validation Guide Vendor document Features Checklist Supplement Creation Step 3	Assessment is assigned a Complete status based on the completed core assessment only	No	No	No	No
3		Update	Implementation Validation Guide LHINS/HSP document Features Checklist Supplement Creation Step 3	Assessment is assigned a Complete status based on the completed core assessment only <i>Scenario 4: Discharge tracking only</i> Included administrative face sheet as part of data elements required as part of scenario validation	No	No	No	No
4		Deletion	Data Standard Sheet	Removed worksheet: - CAPs - Outcome Score	Yes	No	No	No

Details of January 21, 2011 update to the software requirements specifications

#	Field	Type of Change	Original Content	Change	Documents Affected			
					Data Elements	Software Specification	Reports Specification	XSD
1		Update	Error Correction/Spelling mistakes for the following CAPs - IADL CAP – 1 Triggered with potential for improvement - Abusive Relationship - 1 and 2 no “status” Included - Behaviour CAP – behaviour - Dehydration CAPs - 1 Triggered – medium risk - 2 Triggered – high risk - Bowel Conditions CAP 0 Not Triggered – poor decision making	- IADL CAP – 1 Triggered with potential to improve - Abusive Relationship - 1 and 2 added “status” - Behaviour CAP – behaviours - Dehydration CAPs - 1 Triggered – low level 2 Triggered – high level - Bowel Conditions CAP – 0 Not Triggered	Yes	No	No	Yes
2		Update	Administrative face sheet	Included field length for elements listed in the administrative worksheet	Yes	No	No	No

3		Update	Schema update	<ul style="list-style-type: none"> -Section I – Disease diagnosis Other field made unbound (was limited to 3) - CHA Addition of Diagnosis name element - CHA Reason in Section A-9 Client Care goals Updated section attribute definition - CHA Added enumerations to the elements in section L - FS Form Updated section attribute definition 	No	No	No	Yes
4		Update	Schema update	<ul style="list-style-type: none"> - DB Form New attributes added; Section B-1-M OtherSpecify & B-8-K OtherSpecify - DB Form Updated section attribute definition 	No	No	No	Yes

Details of March 01, 2011 update to the software requirements specifications

#	Field	Type of Change	Original Content	Change	Documents Affected			
					Data Elements	Software Specification	Reports Specification	XSD
1		Update	Schema update	<ul style="list-style-type: none"> ➤ Outcome Scores and Measure Pain Scale updated to reflect scale of 4 and updated scale description ➤ Functional Supplement Section D2 – Schema updated to accept values ranging from 1-29 seconds ➤ Updated Assessment ID attribute for CAPs and Outcome scores for Ax and should be Mandatory if Triggered ➤ Assessment Completion date to updated as Mandatory in schema 	No	No	No	Yes
		Update		<ul style="list-style-type: none"> ➤ 4 additional validation scenarios added to the implementation validation guide 				

Details of May 16, 2011 update to the software requirements specifications

#	Field	Type of Change	Original Content	Change	Documents Affected			
					Data Elements	Software Specification	Reports Specification	XSD
1		Update		<ul style="list-style-type: none"> ➤ Edited Title heading for System Data Elements worksheet ➤ Removed Assessment Types listed in worksheet 	Yes	No	No	No