Location Intelligence
Infrastructure Asset Management

Confirm®

Contractor Access XML Agent Specification

v26.30a.AM

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October 02, 2026

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Specifications

The following sections outline all the Specifications that exist within the Confirm functionality.

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Contractor Access XML Agent

Introduction

The Confirm Contractor Access XML Agent is a plug-in module for the Confirm Task Processor. It allows the import and export of Confirm data for contractors.

This document provides a full specification of the XML object that is created during the export process and the format of files for import.

Reference Documents

XML Schema Part 2: Datatypes. W3C Recommendation 02 May 2001

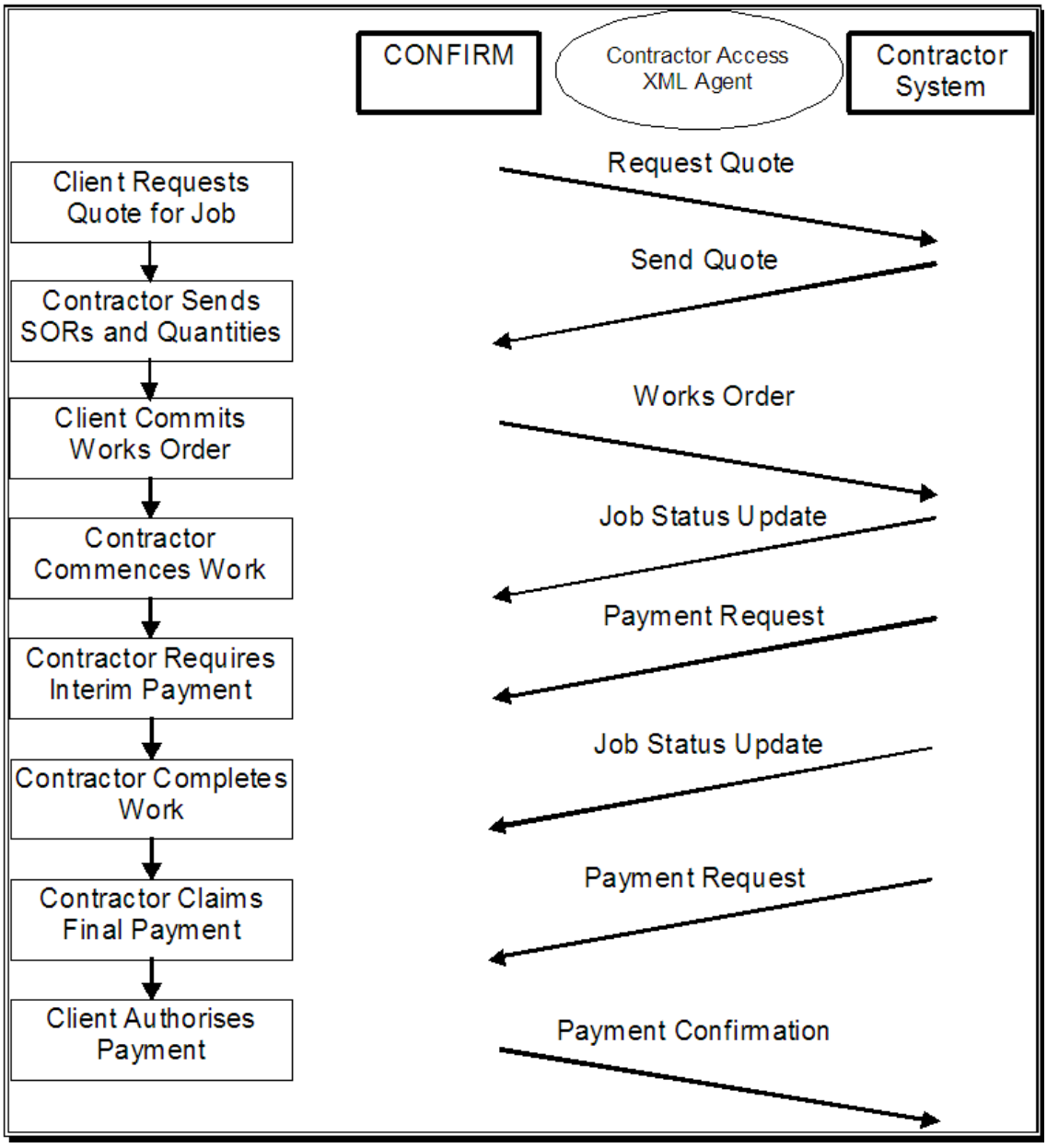
Confirm - Import and Export Transformations – HLD

Overview

Context Diagram

The following diagram shows a Job life cycle to the left and the appropriate interface files that would be imported / exported. Note that stages such as interim payments and additional work Variation Orders are optional, as are the quotation stages and all Contractor Job status updates.

Figure 1. Flow of Data Between Confirm and Contractor's System



Scope

The Contractor Access XML Agent extracts information from Confirm about jobs, works orders, variation orders and payments, creates an XML file, transforms this using an XSL stylesheet and exports the resulting file.

Jobs are sent to the Contractor to whom the Job is assigned if the following criteria are fulfilled:

- The Job Status "Export Jobs to Contractor" check box is ticked for the Job's current status.
- The Contractor has settings on the Contractor Export Transformations screen.
- The Preferred Contract has been set on the Job.

The Agent can also import Payment Requests, Job Status updates and Job Items in a tab delimited format. Job Item import is used to provide a quote for Job. Where a Contractor System has an XML based export format it is assumed that the XML files may be transformed into the required format using the same technique described above.

The interface is designed to run automatically from the Confirm Task Processor, at pre-defined times but may also be initiated manually from the Scheduled Task window in Confirm Client.

Lookup Tables

Only the data specified in this document will be transferred. There will be no facilities to keep lookup or base files in line between systems other than the normal report export facilities present in Confirm.

Export Format

OVERALL STRUCTURE AND FORMAT

The data is added to an XML file object that uses the tree structure and elements described in the **Definition of Element Types** section.

FILE NAMING AND DIRECTORIES

The configuration for the output from the Agent is set up via the “Export” button on the Contractor screen.

The following are configurable:

- Output Method:
  - One file per transformation record
  - One file per Order
  - Web Service (per transformation record)
- Stylesheet to be used for transformation.
- Target path, directory for file based output or URL for Web Service.
- Overwrite File if it is present in the target directory or generate an error (does not apply to Web Service).
- File name to be generated (does not apply to Web Service).

This Agent may be configured to poll the Confirm database at set intervals defined by the user or run from by the user the from the Task Processor.

SIMPLE DATA TYPES

The simple XML schema data types use definitions given by W3C (**www.w3c.org**)

Data Type	Format	Example	Comments
boolean	true, false, 1, 0	true	
date-Time	CCYY-MM-DDThh:mm:ss	2002-01-31T14:45:34	
date	CCYY-MM-DD	2002-01-31	
decimal	p,s	a 6,2 decimal could be up to 9999.99	Positive and negative numbers with decimal point if appropriate. Size shown in the form p,s where p = precision and s = scale
string	character value	High Street	Max size shows maximum length

COMPLEX DATA TYPES

The structure of the schema is relatively flat and complex data types only exist where there are repeating groups. The composition of these complex data types is given in the following section entitled 'Defintion of Element Types'.

DEFINITION OF ELEMENT TYPES

In the following tables the “No. of” column indicates whether the element is mandatory and whether repeating groups may occur.

contractorInterface

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
batchNumber	decimal	1	8,0		
batchGenerated-Date	dateTime	1			
job	**job**	0-n		Job	
worksOrder	**worksOrder**	0-n		Order Header	
variationHeader	**variationHeader**	0-n		Variation Header	
paymentBatch	paymentBatch	0-n		Payment Batch	

job

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
jobNumber	decimal	1	8	Job	Job Number
siteCode	string	1	10	Site	Code
siteName	string	1	40	Site	Name
plotNumber	decimal	1	10,2	Feature	Asset Number
featureId	string	1	15	Feature	Asset ID
featureLocation	string	0-1	2000	Feature	Location
areaName	string	1	30	Area	Description
wardName	string	1	30	Ward	Name
priorityCode	string	1	4	Priority	Priority Code
estCompleteDate	dateTime	0-1		Job	Est. Completion
jobStartDate	dateTime	0-1		Job	Start Date
jobNotes	string	0-1	2000	Job	Description
jobLocation	string	0-1	2000	Job	Work Location
officerName	string	0-1	30	Action Officer	Name

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
officerTel	string	0-1	20	Action Officer	Telephone number
jobStatusFlag	string	1	1	Job	Greyed out box.U = Uncommitted C = Committed A = Archived
jobSeqNumber	decimal	0-1	10	Job Create Batch	Job Sequence Number
statusCode	string	1	4	Job	Job Status Code
localityName	string	0-1	35	Locality	Name
customerCode	string	1	4	Customer	Code
centralAssetId	string	1	20	Feature, Additional	Central Asset
preferredContractCode	string	1	6	Job	Pref. Contr.
contractAreaCode	string	1	4	Job, Additional	Contract Area
contractorCode	string	1	6	Contract	Contractor
priceFactorCode	string	1	4	Price Factor	Price Factor Code
orderNumber	decimal	0-1	8	Job Order	Order No.
workTypeCode	string	0-1	4	Job Order	Work Type
jobX	decimal	0-1	10,2	Job	Easting. If no coordinates are specified for the Job, the Feature's coordinates are used.
jobY	decimal	0-1	10,2	Job	Northing. If no coordinates are specified for the Job, the Feature's coordinates are used.
wkt*	string	0-1		Job	Geometry. This is used to display job's spatial data. This could be very large for complex geometries.
costCodeCode	string	0-1	15	Job	Cost Code
budgetCostCodeCode	string	0-1	15	Cost Code	Budget Code
officerCode	string	1	4	Action Officer	Code
customerReference	string	0-1	20	Job	Customer Reference
jobStatusNotes	string	0-1	2000	Job	Notes
parentJobJobNumber	decimal	0-1	8	Job	Parent Job’s Job Number
parentJobContractCode	string	0-1	6	Job	Parent Job’s preferred Contract
parentJobOrderNumber	decimal	0-1	8,0	Job	Parent Job’s Order Number
jobTypeCode	string	1	4	Job	Job Type

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
jobItem	**jobItem**	0-n		Job Item	
documentLink	**documentLink**	0-n		Document Links	
jobAttribute	**jobAttribute**	0-n		Job Attribute	
jobRiskAssessment	**jobRiskAssess-ment**	0-n		Risk Assessment	
extSystemNumber	decimal	0-1	8,0	External System	System Number
extOrderRef	string	0-1	50	Job	External System - Order Reference
extJobRef	string	0-1	50	Job	External System - Job Reference
actualCompDate	dateTime	0-1		Job	Actual Completion
liabilityDate	dateTime	0-1		Job	Liability Date
targetCompDate	dateTime	0-1		Job	Target Completion
actualStartDate	dateTime	0-1		Job	Actual Start Date
jobEntryDate	dateTime	0-1		Job	Entered
statusLogEffect-iveDate	dateTime	0-1		Job Status	Effective Date
townName	string	1	35	Town	Name
jobTypeName	string	1	50	Job Type	Name
workTypeName	string	1	30	Work Type	Name
enquiryNumber	decimal	0-1	8,0	Enquiries	Enquiry
serviceCode	string	0-1	4	Type of Service	Type of Service Code
serviceName	string	0-1	30	Type of Service	Description
subjectCode	string	0-1	4	Enquiry Subject	Code
subjectName	string	0-1	30	Enquiry Subject	Description
defectNumber	string	0-1	8,0	Defects	Defect Number
defectTypeCode	string	0-1	4	Defect Type	Code
defectTypeName	string	0-1	30	Defect Type	Name
trafficCode	string	0-1	4	Traffic Management	Code
trafficName	string	0-1	40	Traffic Management	Name
extTrafficRef	string	0-1	20	Traffic Management	External Reference

*Wkt is exported only when 'Export Job Geometry to Contractor' setting is checked on **Job System Settings** screen.

jobItem

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
jobItemNumber	decimal	1	4,0	Job Item	Item No

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
sorItemCode	string	1	8	SOR Item	SOR Item Code
quantity	decimal	1	10,2	Job Item	Quantity
itemRogueDesc	string	0-1	2000	Job Item	Rogue Description
costCodeCode	string	1	15	Job Item	Cost Code
budgetCostCo-deCode	string	1	15	Cost Code	Budget Code
gangCode	string	0-1	4	Work Ticket	Gang
sorItemName	string	1	55	SOR Item	Description
sorItemFullName	string	0-1	2000	SOR Item	Full Description

worksOrder

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
contractCode	string	1	6	Order Header	Contract Code
orderNumber	decimal	1	8,0	Order Header	Order Number
workTypeCode	string	1	4	Work Type	Code
workTypeName	string	1	30	Order Header	Work Type
orderText	string	1	2000	Order Header	Notes
orderDate	dateTime	1		Order Header	Date/Time
orderCommitTime	dateTime	1		Order Job	Status Log (tab), Logged Date
orderValue	decimal	1	14,2	Order Header	Order Value
orderConfFlag	boolean	1	1	Order Header	Confirmation of Works Already Requested (Y/N)
contractAreaCode	string	1	4	Contract Area	Code
contractAreaName	string	1	30	Order Header	Contract Area
orderExternalRef	string	0-1	20	Order Header	External Ref.
orderCompletion	date	0-1		Order Header	Est. Completion Date
orderJob	**orderJob**	1-n		Order Job	
documentLink	**documentLink**	0-n		Document Links	

orderJob

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
jobNumber	decimal	1	8	Order Job	Job Number
siteCode	string	1	10	Site	Code
siteName	string	1	40	Site	Name

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
townName	string	0-1	35	Locality	Town
plotNumber	decimal	1	10,2	Feature	Asset Number
featureId	string	1	15	Feature	Asset ID
featureLocation	string	0-1	2000	Feature	Location
areaName	string	1	30	Area	Description
wardName	string	1	30	Ward	Name
wardCode	string	1	4	Ward	Code
priorityCode	string	1	4	Priority	Priority Code
estCompleteDate	dateTime	0-1		Order Job	Est. Completion
costCodeCode	string	0-1	15	Cost Code	Cost Code
budgetCostCodeCode	string	0-1	15	Cost Code	Budget Code
jobStartDate	dateTime	0-1		Order Job	Start Date
jobNotes	string	0-1	2000	Order Job	Description
jobLocation	string	0-1	2000	Order Job	Work Location
officerCode	string	0-1	4	Action Officer	Code
officerName	string	0-1	30	Action Officer	Name
officerTel	String	0-1	20	Action Officer	Telephone number
jobStatusFlag	String	1	1	Order Job	Greyed out box C = Committed A = Archived
jobValue	decimal	1	14,2	Order Job	Job Value
jobSeqNumber	decimal	0-1	10	Job Create Batch	Job Sequence Number
statusCode	String	1	4	Job	Job Status Code
localityName	String	0-1	35	Locality	Name
customerCode	String	1	4	Customer	Code
customerRef	String	0-1	20	Job	Customer Reference
priceFactorCode	string	1	4	Price Factor	Price Factor Code
centralAssetId	string	1	20	Feature, Additional	Central Asset
jobX	decimal	0-1	10,2	Order Job	Easting. If no coordinates are specified for the Job, the Feature's coordinates are used.
jobY	decimal	0-1	10,2	Order Job	Northing. If no coordinates are specified for the Job, the Feature's coordinates are used.
wkt*	string	0-1		Job	Geometry. This is used to display job's spatial data. This could be very

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
					large for complex geo-metries.
jobStatusNotes	string	0-1	2000	Order Job	Notes
parentJobJobNum-ber	decimal	0-1	8	Job	Parent Job's Job Num-ber
parentJobContract-Code	string	0-1	6	Job	Parent Job's preferred Contract
parentJobOr-derNumber	decimal	0-1	8,0	Job	Parent Job's Order Number
jobTypeCode	string	1	4	Order Job	Job Type
orderItem	**orderItem**	1-n		Order Item	
featureAttribute	**featureAttribute**	0-n		Feature Attribute	
inventoryUpdate	**InventoryUpdate**	0-n		Inventory	
referencedBy	**referencedBy**	0-n		Inventory Attribute	
documentLink	**documentLink**	0-n		Document Links	
jobAttribute	**jobAttribute**	0-n		Job Attribute	
jobRiskAssessment	**jobRiskAssess-ment**	0-n		Risk Assessment	
extSystemNumber	decimal	0-1	8,0	External System	System Number
extOrderRef	string	0-1	50	Job	External System - Order Reference
extJobRef	string	0-1	50	Job	External System - Job Reference
actualCompDate	dateTime	0-1		Job	Actual Completion
liabilityDate	dateTime	0-1		Job	Liability Date
targetCompDate	dateTime	0-1		Job	Target Completion
actualStartDate	dateTime	0-1		Job	Actual Start Date
jobEntryDate	dateTime	0-1		Job	Entered
statusLogEffect-iveDate	dateTime	0-1		Job Status	Effective Date
jobTypeName	string	1	50	Job Type	Name
workTypeCode	string	1	30	Work Type	Code
workTypeName	string	1	30	Work Type	Name
enquiryNumber	decimal	0-1	8,0	Enquiries	Enquiry
serviceCode	string	0-1	4	Type of Service	Type of Service Code
serviceName	string	0-1	30	Type of Service	Description
subjectCode	string	0-1	4	Enquiry Subject	Code
subjectName	string	0-1	30	Enquiry Subject	Description
defectNumber	string	0-1	8,0	Defects	Defect Number

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
defectTypeCode	string	0-1	4	Defect Type	Code
defectTypeName	string	0-1	30	Defect Type	Name
trafficCode	string	0-1	4	Traffic Management	Code
trafficName	string	0-1	40	Traffic Management	Name
extTrafficRef	string	0-1	20	Traffic Management	External Reference

*Wkt is exported only when 'Export Job Geometry to Contractor' setting is checked on **Job System Settings** screen.

orderItem

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
jobItemNumber	decimal	1	4,0	Order Item	Item No
sorItemCode	string	1	8	SOR Item	SOR Item Code
originalQuantity	decimal	1	10,2	Order Item	Original Quantity
originalItemRate	decimal	1	14,4	Order Item	Old Rate (or Rate if original and current are the same)
originalItemValue	decimal	1	12,2	Order Item	Original Value
itemCostCode	string	0-1	15	Order Item	Cost Code
itemRougeDesc*	string	0-1	200	Order Item	Rogue Description
itemRogueDesc**	string	0-1	200	Order Item	Rogue Description
itemBudgetCost-Code	string	0-1	15	Cost Code	Budget Code
jobItemLength	decimal	1	8,2	Order Item	Length
jobItemWidth	decimal	1	8,2	Order Item	Width
jobItemDepth	decimal	1	8,2	Order Item	Depth
sorItemName	string	1	55	SOR Item	Description
sorItemFullName	string	0-1	2000	SOR Item	Full Description

* NB This is a typographical error in the code not an error in this document. It has not been corrected because client xsl files are currently set up to use itemRougeDesc. However, the data in item-RogueDesc is identical and so itemRogueDesc should be used in new style sheets.

** Use this element name to get the Rogue Description.

featureAttribute

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
attribTypeCode	string	1	4	Attribute Type	Attribute Type Code

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
attribTypeName	string	1	30	Attribute Type	Attribute Name
attribTypeOrder	string	1	1	Attribute Type	Display Order
attribValueCode	string	0-1	4	Attribute Value	Code
attribValueName	string	0-1	30	Attribute Value	Value Name
attribTypeFlag	string	1	1	Attribute Type	Attribute Type
attribDate	datetime	0-1		Feature	Attribute Value
attribDecimal	decimal	0-1	14,2	Feature	Attribute Value
attribNotes	string	0-1	2000	Feature	Attribute Notes

InventoryUpdate

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
siteCode	string	1	10	Feature	Site Code
plotNumber	decimal	1	10,2	Feature	Plot Number
featureID	string	0-1	15	Feature	Feature ID
featureLocation	string	0-1	2000	Feature	Work Location
featureTypeCode	string	1	4	Feature	Feature Type Code
featureTypeName	string	1	30	Feature	Feature Type Name
attribTypeCode	string	1	4	Attribute Type	Attribute Code
attribTypeName	string	1	30	Attribute Type	Attribute Name
attribValueName	string	0-1	30	Attribute Value	Value Name
attribTypeFlag	string	1	1	Attribute Type	Attribute Type
attribNotes	string	0-1	2000	Feature	Attribute Notes
attribDate	datetime	0-1		Feature	Feature Attribute
attribDecimal	decimal	0-1	14,2	Feature	Feature Attribute
attribNumDPS	decimal	0-1	3	Attribute Type	Decimal Places
jobCompleteDate	datetime	0-1		Job	Est Completion Date
actualCompDate	datetime	0-1		Job	Actual Completion Date
invItemUpdate	string	1	1	* (See below)	* (See below)
invStartDate	datetime	0-1		Feature	Start Date
invEndDate	datetime	0-1		Feature	End Date
featureStartDate	datetime	0-1		Feature	End Date
feature-TypeCodeRef	string	0-1	4	Feature	Feature Type

* - The invItemUpdate element represents the ‘updated’ marker (represented by an asterisk) against inventory items on the Feature screen when opened from the Other -> Inventory Updates

option on the Job screens. If an inventory item has been updated by a job, the invItemUpdate element will be set to ‘Y’. Otherwise, it will be set to ‘N’.

referencedBy

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
siteCode	string	1	10	Feature	Site Code
siteName	string	1	40	Site	Name
plotNumber	decimal	1	10,2	Feature	Plot Number
featureID	string	0-1	15	Feature	Feature ID
featureLocation	string	0-1	2000	Feature	Work Location
featureTypeName	string	1	30	Feature	Feature Type Name
featureTypeCode	string	1	4	Feature	Feature Type Code
featureGroupCode	string	1	4	Feature Type	Feature Group Code

documentLink

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
documentPath	String	1	1000	Document Link	Document Name
documentDescrip-tion	String	0-1	2000	Document Link	Description

variationHeader

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
contractCode	string	1	6	Variation Header	Contract
variationNumber	decimal	1	8	Variation Header	Variation Number
varExternalRef	string	0-1	20	Variation Header	External Ref
varCommitTime	datetime	0-1			
varConfFlag	string	0-1	1	Variation Header	Confirmation Only
variationText	string	0-1	2000	Variation Header	Notes
variationDate	datetime	0-1		Variation Header	Date/Time
workTypeCode	string	1	4	Variation Header	Code
workTypeName	string	1	30	Variation Header	Work Type
variationJob	**variationJob**	1-n		Variation Job	

variationJob

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
orderJobNumber	decimal	1	8	Variation Job	
newPriceFactor	string	0-1	4	Variation Job	New Price Factor
newTargetDate	datetime	0-1		Variation Job	New Job Target Date
parentJobJobNumber	decimal	0-1	8	Job	Parent Job's Job Number
parentJobContractCode	string	0-1	6	Job	Parent Job's preferred Contract
parentJobOrderNumber	decimal	0-1	8,0	Job	Parent Job's Order Number
jobTypeCode	string	1	4	Job	Job Type
variationItem	**variationItem**	0-n		Variation Item	
extSystemNumber	decimal	0-1	8,0	External System	System Number
extOrderRef	string	0-1	50	Job	External System - Order Reference
extJobRef	string	0-1	50	Job	External System - Job Reference

variationItem

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
itemNumber	decimal	1	4,0	Variation Item	Item Number
sorItemCode	string	1	8	Variation Item	SOR Item
newLength	decimal	1	8,2	Variation Item	New Length
newWidth	decimal	1	8,2	Variation Item	New Width
newDepth	decimal	1	8,2	Variation Item	New Depth
newQuantity	decimal	1	8,2	Variation Item	New Quantity
newRate	decimal	1	12,4	Variation Item	New Rate
newValue	decimal	1	10,2	Variation Item	New Value
oldValue	decimal	0-1	10,2	Variation Item	Old Value
sorItemName	string	1	55	SOR Item	Description
sorItemFullName	string	0-1	2000	SOR Item	Full Description

paymentBatch

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
paymentJob	**paymentJob**	1-n		Payment Job	
contractCode	string	1	6	Payment Batch	Contract Code
paymentNumber	decimal	1	8,0	Payment Batch	Payment Number
financePeriodCode	string	1	4	Finance Period	Code
payCommitDate	dateTime	0-1		n/a	n/a

paymentJob

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
orderNumber	decimal	1	8,0	Payment Job	Order No
jobNumber	decimal	1	8,0	Payment Job	Job Number
jobCloseFlag	boolean	1		Payment Job	Job Complete
jobStartDate	dateTime	0-1		Order Job	Start Date
actualCompDate	dateTime	0-1		Order Job	Act Completion
workTypeCode	string	1	4	Work Type	Code
priceFactorCode	string	1	4	Price Factor	Code
payRequestRef	string	0-1	20	Payment Request Header and Fast Payment Request	Request Ref.
payRequestText	string	0-1	2000	Payment Request Header and Fast Payment Request	Text
payRequestJobNotes	string	0-1	2000	Payment Request Job and fast payment Request	Text
parentJobJobNumber	decimal	0-1	8	Job	Parent Job's Job Number
parentJobContractCode	string	0-1	6	Job	Parent Job's preferred Contract
parentJobOrderNumber	decimal	0-1	8,0	Job	Parent Job's Order Number
jobTypeCode	string	1	4	Job	Job Type
paymentItem	**paymentItem**	1-n		Payment Item	
extSystemNumber	decimal	0-1	8,0	External System	System Number
extOrderRef	string	0-1	50	Job	External System - Order Reference

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
extJobRef	string	0-1	50	Job	External System - Job Reference

paymentItem

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
itemCloseFlag	boolean	1		Payment Item	Completed
paymentItemNum-ber	decimal	1	6,0	Payment Item	Item No.
paymentValue	decimal	1	14,2	Payment Item	Value This Payment
paymentQuantity	decimal	1	12	Payment Item	Quantity This Payment
completedValue	decimal	1	12,2	Payment Item	Value Completed To Date
originalQuantity	decimal	1	10,2	Payment Item	Original Quantity on Or-der
completedQuantity	decimal	1	12,2	Payment Item	Quantity Completed To Date
sorItemCode	string	1	8	SOR Item	SOR Item Code
paymentRate	decimal	1	14,4	Payment Item	Rate
rogueDescription	String	1	2000	Payment Item	Rogue Description
sorItemName	string	1	55	SOR Item	Description
sorItemFullName	string	0-1	2000	SOR Item	Full Description

jobAttribute

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
attribTypeCode	string	1	4	Operational Attribute Type	Code
attribTypeName	string	1	30	Operational Attribute Type	Name
attribTypeFlag	string	1	1	Operational Attribute Type	Parameter Type
attribPickValue	string	0-1	4	Job Attribute	
attribPickName	string	0-1	30	Job Attribute	
attribDecimalValue	decimal	0-1	12,2	Job Attribute	
attribStringValue	string	0-1	2000	Job Attribute	
attribDateValue	dateTime	0-1		Job Attribute	

jobRiskAssessment

Element	Type	No. of	Max Size	Confirm Screen	Confirm Label
riskWarning	string	1	2000	Risk Assessment	Risk Warning
assessmentNotes	string	0-1	2000	Risk Assessment	Assessment Notes
assessmentStatus	string	1	16	Risk Assessment	Assessment Status
assessedBy	string	0-1	41	Risk Assessment	Last Update By
assessmentDate-Time	dateTime	1		Risk Assessment	On

Import Format

FIELD DESCRIPTIONS

Field types are shown as one of the following codes:

- A - Alphanumeric.
- C - Alphanumeric,capitals only. Generally used for codes.
- D - Date. Always ten characters in format DD/MM/YYYY.
- D(Local) - Date in local format, as defined in the 'Short Date Format' Windows setting
- N - Numeric.
- T - Time. Eight characters in format HH:MM:SS

Field lengths are shown for all fields except date and time. In the case of numeric fields the total number of digits and the number of digits on the right hand side of the decimal point is shown. i.e. the number 999999.99 would be shown as 8.2.

FILE FORMAT

The format of the import files will be tab delimited ASCII text (.TXT). This is a variable length format which uses the tab character (ASCII value 9) to delimit data fields, with a new line sequence (Carriage Return / Line feed combination under Windows) used to delimit records.

FILE STRUCTURE

All data will be supplied within one text file, with different record types (e.g. Payment Request Header, Job Status Update) being identified by the first two fields of each record.

TRAILER RECORD

A trailer record must appear at the end of all tab delimited files loaded from the Import Directory specified on the Contractor screen.

For files loaded using an Import Transformation, the trailer record is optional, but if present it must be correct.

The trailer contains the count of all records contained in the file (excluding the trailer record itself, but including all other record types).

Field	Type	Size	Contents	Description
1	N, fixed.	2	99	Trailer identifier
2	N, fixed	2	99	Record type identifier, Trailer Record
3	N	8.0		Number of records in file
4	D(Local)			Date file was generated
5	T			Time file was generated

VALIDATION

This facility will accept ALL imported details from the Contractors System, and will accept multiple files for import.

If there are any syntactical errors in the file, such as invalid data types used or an invalid record count, then the entire file will be rejected.

Any semantic errors, such as a Payment Request being received for a non-existent Job, will cause the items in error to be ignored. All complete records that are acceptable will be updated even though other records in the same input file are not accepted. Note that in the case of Payment Requests all Jobs in the Request must be valid before the Request is accepted, to maintain data integrity.

The Task Processor will email the error log (see below) to a designated systems administrator if there are any problems with a file.

EXTERNAL SYSTEM JOB IDENTIFIERS

Uniquely Identifying a Job using an External Job Reference

Where a Job raised in Confirm is required to match to an equivalent Job in an external System, an External Job Reference can be stored against a Job in Confirm when it is raised.

This External Job Reference can be used to identify a Job where the Job Number field in the import file is left blank.

Both the External System Number and External Job Reference must be supplied and match those on the Job in Confirm. Only Jobs that do not have a Parent Job can be matched using the External Job Reference.

IMPORT FILES

File Naming and Use of Directories

Files with names of the format *.TXT will be selected. These files will be taken from the Import Directory specified against a Contractor.

Files successfully imported will be written to a “READ” sub-directory of the Import Directory with no warning given before overwriting existing files. If the sub-directory does not exist then an error / alert will be generated and the Contractor Access XML Agent Scheduled Task will stop.

Note that import records of different Record Types may be mixed in the same file and will all be processed by the same Import facility. The system will verify that the records found in a directory belong to a particular Contractor. A separate directory should be used for each Contractor to maintain competitive security.

Transforming Files

File Transformation information is set up using the Import button on the Contractor screen. Details of the File Transformation process are available in the **Import Transformation** section of the Help.

ERROR LOGGING

The import process will detect various errors in the import data. When a file of data is imported an error file will be generated containing any errors found in the data, this will happen whether or not the update takes place. An indication of the line in the text file where the problem has been detected will also be included. This will allow location and correction of such errors.

The error file will take the same name as the imported file but will take the extension ".ERR".

Where errors mean that the entire file cannot be read (e.g. incorrect format or inconsistent totals), then the original import file and error file will be placed in an "INVALID" sub-directory of the import directory. If the "INVALID" sub-directory does not exist, then an error / alert will be generated, and the Contractor Access XML Agent Scheduled Task will stop.

If the error(s) only applied to certain records in the file, but others may have been imported, then the error file is placed in the "READ" sub-directory with the main file.

PAYMENT REQUEST IMPORT

This import facility allows a Contractor to submit Requests for Payment against issued Works Orders.

It is possible for the Contractor to claim for Items that were not originally ordered or to claim for Ordered Items at a different quantity.

Data Format - Payment Request Header

Field	Type	Size	Contents	Description
1	N, fixed.	2	10	Header identifier
2	N, fixed	2	12	Record type identifier, Payment Request
3	C	6		Contract Code
4	C	20		Contractors reference for Payment Request
5	C	2000		Request textual justification
6	D(Local)			Date Payment Request submitted
7	N	12.2		Payment Request Value. If supplied, this must match the total Item Value of the Items in the file for this Request.
8	C	6		Request Classification Code (Optional)

Data Format - Payment Request Job

Field	Type	Size	Contents	Description
1	N, fixed.	2	20	Detail identifier

Field	Type	Size	Contents	Description
2	N, fixed	2	12	Record type identifier, Payment Request
3	C	6		Contract code
4	C	20		Payment Request reference
5	N	8.0		Job number. Not required if External System Number and External System Job Reference are used to identify the Job. Mandatory for Child Jobs.
6	C	4		Price Factor code (may have changed)
7	N	12.2		Payment Request Job Value. If supplied, this must match the total Item Value of the Items in the file for this Job.
8	C	1		Job close flag (“Y”es or “N”o)
9	N	8		External System Number. Used to identify the Job using the field shown on the Job screen's Additional Tab. Not required if Job Number is supplied. Child Jobs are not Identified using this value.
10	C	50		External Job Reference. Used to identify the Job using the field shown on the Job screen's Additional Tab. Not required if Job Number is supplied. Child Jobs are not Identified using this value.

Data Format - Payment Request Item

Field	Type	Size	Contents	Description
1	N, fixed.	2	30	Sub-detail identifier
2	N, fixed	2	12	Record type identifier, Payment Request
3	C	6		Contract code
4	C	20		Payment Request reference
5	N	8.0		Job number. Not required if External System Number and External System Job Reference are used to identify the Job. Mandatory for Child Jobs.
6	N	4.0		Item number
7	C	8		SOR Item code. This should be equivalent to the SOR Item code for this Item number on the Job in Confirm.
8	N	10.2		Item Quantity
9	N	12.4		Item Rate. If the supplied Item Rate does not match the one in Confirm, a Rate mismatch warning will be reported and the correct Item Rate will be used instead.

Field	Type	Size	Contents	Description
10	N	10.2		Item Value. If the supplied Item Value does not match the Item Quantity and Item Rate, a warning will be reported and the supplied value will be overwritten.
11	C	1		Item close flag (“Y”es or “N”o)
12	C	2000		Rogue Item Description
13	C	15		Cost Code
14	N	8		External System Number. Used to identify the Job using the field shown on the Job screen's Additional Tab. Not required if Job Number is supplied. Child Jobs are not Identified using this value.
15	C	50		External Job Reference. Used to identify the Job using the field shown on the Job screen's Additional Tab. Not required if Job Number is supplied. Child Jobs are not Identified using this value.

The Item Number above may be left blank / zero, in which case Confirm will automatically associate the record with the first Item on the Job stored in Confirm that has the same SOR code. If the SOR did not previously exist on the Job then Confirm will automatically generate a new Item Number for it.

The Rogue Item Description should only be supplied when a non-standard, pound value SOR is being used and will be ignored if this is not the case.

Cost Code is optional for new and existing items.

- If the Cost Code is blank for an existing item then the existing Cost Code will continue to be used for the item.
- If the Cost Code is blank for a new item then Cost Code will be determined according to the normal rules used in Confirm.
- If the Cost Code is supplied for an existing item then the original item (with the original Cost Code) will have it’s quantity and value set to zero and an new item will be created using the new Cost Code.
- If the Cost Code is supplied for a new item, the item will use the supplied Cost Code.

There is a Contractor setting that determines the processing of closing payment request jobs where only a portion of the items are included:

- Default the quantities on items to zero when they are not present in the file.
- Default the quantities on items to the ordered quantity when they are not present in the file.

Note: Dead Cost Codes and the (System Setting) blocker Cost Code are not permitted. There is also a Payment System Settings in Confirm that enables/disables this functionality. If this functionality is disabled then any Cost Codes supplied are ignored.

JOB STATUS UPDATE IMPORT

These records contain details of the Status of Works Order Jobs that have been issued to a Contractor. Only Jobs for which the Contractor wishes to notify Confirm of a change of Status need be included in the import file.

Confirm will apply its normal rules for Job Status changes when validating imported data. For instance it will not be possible for a Contractor to change a Job to a status to which Contractors do

not have access. The status of the Job in Confirm and that supplied in the import file must have the “Import Contractor Quote” check box ticked in Confirm.

It will not be possible to change the status of a Job which is already at a Status to which Contractors do not have access, i.e. if has been changed since the Job was issued to the Contractor.

Details stored in the Status Log that are not included in the import file will be carried forward from the previous Status Log entry. These details are Follow-up code, Follow-up date and Allocated Officer code.

Logged Date is set to the time of the import.

The Job Start date/time and Estimated Completion date/time, if supplied, will be used to update the Job Start Date and Estimated Completion Date fields. The Job must be at a status that allows contractor Job Status updates and imports for this to occur.

The Status code is optional. The Log Effective Date is mandatory, but where the Status is not supplied the Follow Up will not be recalculated. Job Status Updates imported via the agent will not subsequently be re-exported when the relevant Job would be exported.

The External System, Order and Job references can be updated using this record.

External System Number and External Job Reference can be used to find a Job without supplying the Job Number.

Data Format - Job Status

Field	Type	Size	Contents	Description
1	N, fixed.	2	10	Header identifier
2	N, fixed	2	20	Record type identifier, Job Status Update
3	N	8.0		Job number. Not required if External System Number and External System Job Reference are used to identify the Job. Mandatory for Child Jobs.
4	C	4		Status code (optional)
5	C	4		“Logged by” Officer code
6	D			Log Effective date
7	C	2000		Log text
8	T			Log time (optional)
9	D			Estimated Start date (optional)
10	T			Estimated Start time (optional)
11	D			Estimated Completion date (optional)
12	T			Estimated Completion time (optional)
13	N	4		External System Reference Number (optional). Used to populate the field shown on the Job screen's Additional Tab.
14	C	50		External Order Reference (optional). Used to populate the field shown on the Job screen's Additional Tab.

Field	Type	Size	Contents	Description
15	C	50		External Job Reference (optional). Used to populate the field shown on the Job screen's Additional Tab.
16	N	8		External System Number. Used to identify the Job using the field shown on the Job screen's Additional Tab. Not required if Job Number is supplied. Child Jobs are not Identified using this value.
17	C	50		External Job Reference. Used to identify the Job using the field shown on the Job screen's Additional Tab. Not required if Job Number is supplied. Child Jobs are not Identified using this value.

JOB ITEM IMPORT

A Contractor can be sent details of a Job via the Contractor Access XML Agent and in turn will send back the SOR Items and quantities they regard as necessary to do the Job. This data are included in the same import file as the Job Status. On import the validation occurs to make sure that in Confirm the Job Status has the “Import Contractor Quote” check box ticked.

If a quotation is resubmitted the original data will be deleted and replaced.

The Job rows are children of a Job Status row and a Job Status update must be supplied when SOR Items are imported.

The “Rogue Description” import value is only valid for SOR Items based on a Unit Of Measure that is not valid for rate uplift. If a “Rogue Description” is imported for an SOR Item that is based on a Unit Of Measure that is not valid for rate uplift, the value will be ignored.

Data Format – Job Item

Field	Type	Size	Contents	Description
1	N, fixed.	2	20	Detail identifier
2	N, fixed	2	20	Record type identifier, Job
3	N	8.0		Job number. Not required if External System Number and External System Job Reference are used to identify the Job. Mandatory for Child Jobs.
4	N	4.0		Item number (optional)
5	C	8		SOR item code
6	N	10.2		SOR quantity
7	N	8.2		Length (optional)
8	N	8.2		Width (optional)
9	N	8.2		Depth (optional)
10	C	2000		Rogue Description

Field	Type	Size	Contents	Description
11	N	8		External System Number. Used to identify the Job using the field shown on the Job screen's Additional Tab. Not required if Job Number is supplied. Child Jobs are not Identified using this value.
12	C	50		External Job Reference. Used to identify the Job using the field shown on the Job screen's Additional Tab. Not required if Job Number is supplied. Child Jobs are not Identified using this value.

JOB DOCUMENT LINK IMPORT

Document Links may be imported against a Job that is available to the Contractor. The import file must contain a Job Status Update for the Job that the Document Link is to be held against.

The import file may contain many document links for the same Job.

If a document Link already exists with the same document name on the same Job, it will be assumed that the import file contains an update and the Document Notes will be updated accordingly.

Data Format – Document link

Field	Type	Size	Contents	Description
1	N, fixed	2	30	Detail identifier
2	N, fixed	2	20	Record type identifier, Job
3	N	8.0		Job number. Not required if External System Number and External System Job Reference are used to identify the Job. Mandatory for Child Jobs.
4	A	1000		Document Name. The full document link file path. No validation is applied to this path. (Mandatory)
5	A	2000		Document Notes (Optional)
6	N	8		External System Number. Used to identify the Job using the field shown on the Job screen's Additional Tab. Not required if Job Number is supplied. Child Jobs are not Identified using this value.
7	C	50		External Job Reference. Used to identify the Job using the field shown on the Job screen's Additional Tab. Not required if Job Number is supplied. Child Jobs are not Identified using this value.

VARIATION ORDER IMPORT

This import facility allows a Contractor to submit Variation Orders against jobs already issued.

Successful processing of the data will create Uncommitted Variation Order(s) in Confirm by default. With the Commit Flag set to "Y"es then the Variation will also be committed, provided that it passes the normal validation checks. If the Variation fails the Commit checks then it will still be imported but a warning will be given that it has not been committed.

It is possible for the Contractor to send a variation order for Items that were not originally raised on the job or to send a Variation Order for Ordered Items at a different quantity.

Data Format – Variation Header

Field	Type	Size	Contents	Description
1	N, fixed.	2	10	Header identifier
2	N, fixed	2	30	Record type identifier, Variation Order
3	C	6		Contract Code
4	C	8		Variation ID
5	C	2000		Variation Text (Notes; optional)
6	D(Local)			Variation Date (optional)
7	T			Variation Time (optional)
8	C	4		Work Type Code
9	C	20		External Reference (optional)
10	C	1		Confirmation Flag (“Y”es or “N”o)
11	C	1		Commit Flag (“Y”es or “N”o)

Data Format - Variation Job

Field	Type	Size	Contents	Description
1	N, fixed.	2	20	Detail identifier
2	N, fixed	2	30	Record type identifier, Variation Order
3	C	6		Contract code
4	C	8		Variation ID
5	N	8.0		Job number. Not required if External System Number and External System Job Reference are used to identify the Job. Mandatory for Child Jobs.
6	C	4		Price Factor code (may have changed; optional)
7	D(Local)			Target Date (optional)
8	T			Target Time (optional)
9	N	8		External System Number. Used to identify the Job using the field shown on the Job screen's Additional Tab. Not required if Job Number is supplied. Child Jobs are not Identified using this value.

Field	Type	Size	Contents	Description
10	C	50		External Job Reference. Used to identify the Job using the field shown on the Job screen's Additional Tab. Not required if Job Number is supplied. Child Jobs are not Identified using this value.

Target Date/Time – Leaving the Target Time and/or Target Date blank will result in the Job Target Completion Date remaining unchanged. There is, currently, no means by which the Job Target Completion Date can be ‘removed’ via the Variation Order Import routine.

Data Format – Variation Item

Field	Type	Size	Contents	Description
1	N, fixed.	2	30	Sub-detail identifier
2	N, fixed	2	30	Record type identifier, Variation Order
3	C	6		Contract code
4	C	8		Variation ID
5	N	8.0		Job number. Not required if External System Number and External System Job Reference are used to identify the Job. Mandatory for Child Jobs.
6	N	4.0		Item number (optional)
7	C	15		Cost code (optional)
8	C	8		SOR item code
9	N	10.2		New SOR quantity
10	N	8.2		New Length (optional)
11	N	8.2		New Width (optional)
12	N	8.2		New Depth (optional)
13	C	2000		Item Rogue Description (optional)
14	N	8		External System Number. Used to identify the Job using the field shown on the Job screen's Additional Tab. Not required if Job Number is supplied. Child Jobs are not Identified using this value.
15	C	50		External Job Reference. Used to identify the Job using the field shown on the Job screen's Additional Tab. Not required if Job Number is supplied. Child Jobs are not Identified using this value.

Variation Header Number - The Variation Header Number is supplied from the Contractor’s system. It is used solely to provide a link in the import files between a) the Variation Header and Variation Job records and b) the Variation Job and Variation Item records. It will be replaced with the system generated Confirm Variation Number when the data is transferred to the Variation Header, Variation Job and Variation Item tables.

Contract Areas - All Jobs included on a Variation Order will be validated to ensure that they are in the same Contract Area. If they are not, the import will be rejected.

Item Numbers - The Item Number above may be left blank / zero, in which case Confirm will automatically associate the record with the first Item on the Job stored in Confirm that has the same SOR code. If the SOR did not previously exist on the Job then Confirm will automatically generate a new Item Number for it.

If the SOR exists on more than one item, and no item number is supplied, Confirm will match the first SOR and treat all subsequent occurrences as new Items.

Rogue Description - The “Rogue Description” import value is only valid for SOR Items based on a Unit of Measure that is not valid for rate uplift. If a “Rogue Description” is imported for an SOR Item that is based on a Unit of Measure that is not valid for rate uplift (e.g. a “pound” item), the value will be ignored.

Price factors - If a price factor is not specified, then it remains as per the job. If a new Price Factor is specified (i.e. different from the current one for the Job) then all items from the Job will be added to the Variation Order. There will be no change in quantity if they are not included in the import file.

SOR Banding - If the SORs are banded, the import of the Variation Order will be rejected if there are any outstanding uncommitted Variation Orders or Payment Requests on the Order.

The quantity for banding is determined for the SOR irrespective of its price factor, but the rate from the appropriate price factor is then used. The interface behaves the same as for the host.

Cost Codes - Cost Code is optional for new and existing items.

- If the Cost Code is blank for an existing item then the existing Cost Code will continue to be used for the item.
- If the Cost Code is blank for a new item then Cost Code will be determined according to the normal rules used in Confirm.
- If the Cost Code is supplied for an existing item then the original item (with the original Cost Code) will have it’s quantity and value set to zero and an new item will be created using the new Cost Code.
- If the Cost Code is supplied for a new item, the item will use the supplied Cost Code.

Example

Example of XML Created by Contractor Access XML Agent

```
<?xml version="1.0"?>
<contractorInterface>
   <batchNumber>38</batchNumber>
   <batchGeneratedDate>2004-08-17T13:47:33</batchGeneratedDate>
   <job>
      <jobNumber>10101035</jobNumber>
      <siteCode>30100003</siteCode>
      <siteName>BLACK DROVE</siteName>
      <plotNumber>100</plotNumber>
      <featureId>30100003/PCC</featureId>
      <featureLocation>o/s No. 56</featureLocation>
      <areaName>Cambridge - North</areaName>
      <wardName>No Code Allocated</wardName>
      <priorityCode>E</priorityCode>
      <estCompleteDate>2004-05-04T08:30:00</estCompleteDate>
      <jobNotes>severe trip</jobNotes>
      <jobLocation>second defect for Black Drove</jobLocation>
```

```
      <officerName>Iain M Banks</officerName>
      <jobStatusFlag>C</jobStatusFlag>
      <statusCode>030</statusCode>
      <localityName>THORNEY</localityName>
      <customerCode>NCA</customerCode>
      <centralAssetId>00023443</centralAssetId>
      <priceFactorCode>E</priceFactorCode>
      <contractorCode>CON1</contractorCode>
      <costCode>CC123<costCode>
      <budgetCode>BC789<budgetCode>
      <officerCode>IMB<officerCode>
      <customerReference>CR456<customerReference>
      <jobStatusNotes>fixes defect<jobStatusNotes>
     <parentJobJobNumber>10101034</parentJobJobNumber>
     <parentJobContractCode>WMES</parentJobContractCode>
     <parentJobOrderNumber>1001001</parentJobOrderNumber>
      <jobItem>
         <jobItemNumber>10</jobItemNumber>
         <sorItemCode>NTC0001</sorItemCode>
         <quantity>1</quantity>
         <costCode>CC123<costCode>
         <budgetCode>BC789<budgetCode>
      </jobItem>
      <jobItem>
         <jobItemNumber>20</jobItemNumber>
         <sorItemCode>DSCNT001</sorItemCode>
         <quantity>1307.91</quantity>
         <itemRogueDesc>Discount Item</itemRogueDesc>
         <costCode>CC123<costCode>
         <budgetCode>BC789<budgetCode>
      </jobItem>
      <jobAttribute>
         <attribTypeCode>BU02</attribTypeCode>
         <attribTypeName>Date Licence Ends</attribTypeName>
         <attribTypeFlag>D</attribTypeFlag>
         <attribDateValue>2004-05-04T14:28:00</attribDateValue>
      </jobAttribute>
      <jobRiskAssessment>
         <riskWarning>Risk of electric shock</riskWarning>
         <assessmentNotes>Assessment complete : All okay</assessment-
Notes>
         <assessmentStatus>No Risk</assessmentStatus>
         <assessedBy>JOHNSMITH</assessedBy>
         <assessmentDateTime>2004-05-04T14:31:17</assessmentDateTime>

      </jobRiskAssessment>
   </job>
   <worksOrder>
      <contractCode>NT01</contractCode>
      <orderNumber>1001002</orderNumber>
      <workTypeCode>QT01</workTypeCode>
      <workTypeName>Quoted Jobs (zero tolerance)</workTypeName>
      <orderText>XML export example</orderText>
      <orderDate>2004-08-17T11:53:46</orderDate>
      <orderCommitTime>2004-08-17T11:59:32</orderCommitTime>
      <orderValue>2181.76</orderValue>
      <orderConfFlag>false</orderConfFlag>
      <contractAreaCode>NCA</contractAreaCode>
      <contractAreaName>No Code Allocated</contractAreaName>
      <orderJob>
         <jobNumber>10101048</jobNumber>
```

```
 <siteCode>30100139</siteCode>
 <siteName>PEMBROKE AVENUE</siteName>
 <townName>PETERBOROUGH</townName>
 <plotNumber>100</plotNumber>
 <featureId>30100139</featureId>
 <areaName>Cambridge - North</areaName>
 <wardName>No Code Allocated</wardName>
 <wardCode>NCA</wardCode>
 <priorityCode>E</priorityCode>
 <estCompleteDate>2004-07-17T11:51:51</estCompleteDate>
 <costCodeCode>CC01-B2</costCodeCode>
 <budgetCostCodeCode>BC02</budgetCostCodeCode>
 <jobNotes>replace thing</jobNotes>
 <jobLocation>where the thing is</jobLocation>
 <officerCode>ANO</officerCode>
 <officerName>Another Officer</officerName>
 <jobStatusFlag>C</jobStatusFlag>
 <jobValue>2181.76</jobValue>
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<parentJobContractCode>WMES</parentJobContractCode>
<parentJobOrderNumber>1001001</parentJobOrderNumber>
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    <originalItemValue>123</originalItemValue>
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    <itemBudgetCostCode>BC02</itemBudgetCostCode>
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    <originalItemRate>1040.4</originalItemRate>
    <originalItemValue>2080.8</originalItemValue>
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    <jobItemDepth>0</jobItemDepth>
 </orderItem>
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    <attribTypeName>Date Licence Ends</attribTypeName>
    <attribTypeFlag>D</attribTypeFlag>
    <attribDateValue>2004-07-17T13:22:00</attribDateValue>
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    <attribTypeName>Warning Letter</attribTypeName>
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            <attribTypeFlag>P</attribTypeFlag>
            <attribPickValue>NOT</attribPickValue>
            <attribPickName>Not Written</attribPickName>
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         <jobRiskAssessment>
            <riskWarning>High voltages may be involved</riskWarning>

            <assessmentNotes>Electrical work required high risk</as-
sessmentNotes>
            <assessmentStatus>Risk</assessmentStatus>
            <assessedBy>JOESMITH</assessedBy>
          <assessmentDateTime>2004-07-17T14:32:20</assessmentDateTime>

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      <variationNumber>1005001</variationNumber>
      <varExternalRef>DB3747CNW/NT-VO/01</varExternalRef>
      <varCommitTime>2004-08-19T12:56:37</varCommitTime>
      <varConfFlag>N</varConfFlag>
      <variationText>VO for Order 1001005</variationText>
      <variationDate>2004-08-19T12:34:37</variationDate>
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      <workTypeName>Quoted Jobs (zero tolerance)</workTypeName>
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            <newDepth>0</newDepth>
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   </variationHeader>
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         <jobNumber>10101002</jobNumber>
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         <payRequestText>Request #2 for Job 10101002</payRequestText>

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</contractorInterface>
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Example stylesheet converting to SOAP

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<?xml version="1.0"?>
<xsl:stylesheet version="1.0" xmlns:xsl="ht-
tp://www.w3.org/1999/XSL/Transform">
<xsl:output method='xml'/>
<xsl:template match="batchNumber" />
<xsl:template match="batchGeneratedDate" />

<xsl:template match="job">
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/en-
velope/">
  <SOAP-ENV:Body>
    <tns:ProcessOperations xmlns:tns="http://www.confirm.co.uk/proxy-
webservice" xmlns:tnsa="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <tns:RequestXml>
<cI>
    <cC><xsl:value-of select="preferredContractCode"/></cC>

    <N><xsl:value-of select="jobNumber"/></jN>
    <sC><xsl:value-of select="siteCode"/></sC>
    <pN><xsl:value-of select="plotNumber"/></pN>
</cI><xsl:text></xsl:text>
      </tns:RequestXml>
    </tns:ProcessOperations>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
</xsl:template>

</xsl:stylesheet>
```