

# Technical Specifications

## AP XML Warrant Printing-AP\_CUST\_005

Specifications confirmed: Jan 17, 2023  
Document Ref: AP\_CUST\_005  
Version: 1.0

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## Overview

This document defines the technical components required to implement customization **AP\_CUST\_005 KC AP XML Warrant Printing V1.0**. This Customization Technical Design document complements the Customization Functional Design document for [AP\\_CUST\\_005\\_XML Warrant Printing\\_FS](#) and you should consider this set to be the complete detailed design.

## Business Requirements

King County issues warrants to various vendors, contractors, individuals, parties and employees. Warrants are issued in IBIS (Oracle). A standardized format and tool is necessary with the new Oracle implementation.

## Objectives

The customization will be named '**KCAP XML Warrant Printing** with the unique identification of AP\_CUST\_005.

## Description

King County will process payments for invoices using Oracle BI/XML Publisher template to generate a singular output to print warrants. This check writing program enables warrants to be printed on blank Standard Register check stock that fully supports solution for printing King County warrants.

## Business Purpose

Central Accounts Payable is responsible for printing King County warrants. The primary benefit of implementing this functionality is to retain the use of BI/XML Publisher currently used by IBIS and which provides an integrated Oracle supported solution that would be maintained and upgraded within the Oracle Financials support model. Oracle Technical Support assistance would be available to King County staff as a resource within the annual maintenance support agreement to manage and escalate any technical issues encountered. BI/XML Publisher improves productivity, quality and/or usability of internal and/or external county services and/or reduces future expenditures. It is also intended to improve security and provide legally mandated services and basic operations' support formats and mailing efficiencies.

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## Business Rules

These rules form the basis of user acceptance. Specific business rules that the customization must provide:

1. Installation of MICR font cartridge with the use of IDAutomation Developer License to automate check printing and provide scalability with the operating system, application and printer independencies.
2. MICR font shall be calibrated and stored on the server.
3. PDF Publisher print style shall be used as the default.
4. The output format shall be XML.
5. Shall print output to a dedicated printer (HP9050)
6. Shall support printing on blank check stock
7. Shall support output that accommodates Oracle field size for check and invoice numbers (with template design providing wrapping and truncation of field sizes as required).
8. Shall support international address display including the identification of country code.
9. Warrants shall include: supplier name and supplier number, total payment amount, invoice number(s) associated with the payment, invoice number and amount, discounts taken, and PO number.
10. Remittance advice for electronic and wire transfers shall include the invoice number, invoice date, description, discount, net amount and total amount of warrant.
11. Shall enable an original warrant to be printed multiple times (RCW 39.72.010)
12. Shall validate the current HP printer is compatible the output
13. Shall validate bank acceptance of the font on the warrant
14. Shall not enable printing of zero dollar warrants
15. King County Executive warrant signature file will be stored on the server and applied to each warrant.

## Templates and Sample data Files

- Are attached separately as:
  - D-1\_Sample1\_AP Warrant
  - D-1\_Sample2\_KCAP-Warrant



King County

Finance and Business Operations Division  
Department of Executive Services  
401 Fifth Avenue, M/S CNK-ES-0323  
Seattle, WA 98104-1818

Payable Thru US Bank  
Canby, Oregon

96-651  
1232

No. 14752195

WARRANT DATE	WARRANT NO.	WARRANT AMOUNT
04-MAR-2014	14752195	\$1,200.00

PAY One Thousand Two Hundred Dollars And Zero Cents\*\*\*\*\*

TO THE  
ORDER  
OF

AAHAA- MARK HAMPTON  
1402 AUBURN WAY N #271  
AUBURN, WA 98002-3384 UNITED STATES

\*\*\* Not valid after one year from date of issue\*\*\*

Authorized Signature

⑈ 14752195⑈ ⑆ 123206516⑆ 153210000920⑈



King County

Finance and Business Operations Division  
Department of Executive Services  
401 Fifth Avenue, M/S CNK-ES-0323  
Seattle, WA. 98104-1818

Warrant No. 14752195

DATE 04-MAR-2014 VENDOR NAME AAHAA- MARK HAMPTON

VENDOR NO. 10020

INVOICE NUMBER	INV. DATE	DESCRIPTION	DISCOUNT	NET AMOUNT
36527-5	20-FEB-14	/	\$0.00	\$300.00
37208-2	09-JAN-14	/	\$0.00	\$300.00
37384-1	15-FEB-14	/	\$0.00	\$300.00
37384-2	01-MAR-14	/	\$0.00	\$300.00



King County

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Department of Executive Services  
401 Fifth Avenue, M/S CNK-ES-0323  
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Canby, Oregon

96-651  
1232

No. 14752196

WARRANT DATE	WARRANT NO.	WARRANT AMOUNT
04-MAR-2014	14752196	\$716.68

PAY Seven Hundred Sixteen Dollars And Sixty-Eight Cents\*\*\*\*\*

TO THE  
ORDER  
OF

ABRA INC  
PRECISION COLLISION  
7225 NORTHLAND DR STE 210  
BROOKLYN CENTER, MN 55428 UNITED STATES

\*\*\* Not valid after one year from date of issue\*\*\*

Authorized Signature

⑈ 14752196⑈ ⑆ 123206516⑆ 153210000920⑈



King County

Finance and Business Operations Division  
Department of Executive Services  
401 Fifth Avenue, M/S CNK-ES-0323  
Seattle, WA. 98104-1818

Warrant No. 14752196

DATE 04-MAR-2014

VENDOR NAME ABRA INC

VENDOR NO. 476105

INVOICE NUMBER	INV. DATE	DESCRIPTION	DISCOUNT	NET AMOUNT
4448	05-FEB-14 /		\$0.00	\$716.68



King County

Finance and Business Operations Division  
Department of Executive Services  
401 Fifth Avenue, M/S CNK-ES-0323  
Seattle, WA 98104-1818

Payable Thru US Bank  
Canby, Oregon

96-651  
1232

No. 14752197

WARRANT DATE	WARRANT NO.	WARRANT AMOUNT
04-MAR-2014	14752197	\$990.83

PAY Nine Hundred Ninety Dollars And Eighty-Three Cents\*\*\*\*\*

TO THE  
ORDER  
OF

ABRA INC  
7225 NORTHLAND DR STE 210  
BROOKLYN CENTER, MN 55428 UNITED STATES

\*\*\* Not valid after one year from date of issue\*\*\*

Authorized Signature

⑈ 14752197 ⑈ ⑆ 123206516⑆ 153210000920 ⑈



King County

Finance and Business Operations Division  
Department of Executive Services  
401 Fifth Avenue, M/S CNK-ES-0323  
Seattle, WA. 98104-1818

Warrant No. 14752197

DATE 04-MAR-2014

VENDOR NAME ABRA INC

VENDOR NO. 476105

INVOICE NUMBER	INV. DATE	DESCRIPTION	DISCOUNT	NET AMOUNT
5186	30-JAN-14 /		\$0.00	\$798.11
5197	30-JAN-14 /		\$0.00	\$192.72



**King County**

Finance and Business Operations Division  
 Department of Executive Services  
 401 Fifth Avenue, M/S CNK-ES-0323  
 Seattle, WA 98104-1818

Payable Thru US Bank  
 Canby, Oregon

96-651  
 1232

No. 14752198

WARRANT DATE	WARRANT NO.	WARRANT AMOUNT
04-MAR-2014	14752198	\$106.50

PAY One Hundred Six Dollars And Fifty Cents\*\*\*\*\*

TO THE  
 ORDER  
 OF

ACCESS INFORMATION MANAGEMENT  
 PO BOX 4837  
 HAYWARD, CA 94540-4837 UNITED STATES

\*\*\* Not valid after one year from date of issue\*\*\*

Authorized Signature

⑈ 14752198 ⑈ ⑆ 123206516⑆ 153210000920 ⑈



**King County**

Finance and Business Operations Division  
 Department of Executive Services  
 401 Fifth Avenue, M/S CNK-ES-0323  
 Seattle, WA. 98104-1818

Warrant No. 14752198

DATE 04-MAR-2014 VENDOR NAME ACCESS INFORMATION MANAGEMENT

VENDOR NO. 59234

INVOICE NUMBER	INV. DATE	DESCRIPTION	DISCOUNT	NET AMOUNT
14011092	31-JAN-14 /		\$0.00	\$106.50



Finance and Business Operations Division  
 Department of Executive Services  
 401 Fifth Avenue, M/S CNK-ES-0323  
 Seattle, WA 98104-1818

Payable Thru US Bank  
 Canby, Oregon

96-651  
 1232

No. CheckNumber

WARRANT DATE	WARRANT NO.	WARRANT AMOUNT
PAYMENT DATE	CheckNumber	\$ht.00

PAY PaymentAmtText

TO THE  
 ORDER  
 OF

SVIFNAME  
 ADDRESS\_LINE1  
 ADDRESS\_LINE2  
 ADDRESS\_LINE3  
 ADDRESS\_LINE4  
 CITY, STATE ZIP COUNTRYEVIF

\*\*\* Not valid after one year from date of issue\*\*\*

\*\*\*VOID\*\*\*

SVIF

SIGNATURE

EVIFEVIF

EVIF

VC\_MICR\_CHK C\_MICR\_R\_ACV

RTotInVar RTotInDisc



Finance and Business Operations Division  
 Department of Executive Services  
 401 Fifth Avenue, M/S CNK-ES-0323  
 Seattle, WA. 98104-1818

Warrant No. CheckNumber

DATE C PAY DATE	VENDOR NAME C	VENDOR NAME	VENDOR NO.	Vendor#
INVOICE NUMBER	INV. DATE	DESCRIPTION	DISCOUNT	NET AMOUNT
rp:InvInv_Num	INVDATE	Invoice_Desc	\$ht.00DT	\$ht.00TotEInv