

## EXHIBIT F: INTERFACES

This Exhibit describes the scope of work as part of the FMS 2.0 Project. It is broken into two sections based on the two subprojects: FMS Upgrade and SMS Replacement.

### FMS UPGRADE

The following FMS interfaces will be analyzed as part of the FMS Upgrade – Upgrade Analysis as described in Exhibit A:

#	Interface Type:	Specific Interface:
1	WOSUP Interface (115-119)	--> General Services - Work Order Setup Run Transform
2	WOSUP Interface (115-119)	--> ITA Service Desk - Work Order Setup (Transform)
3	WOSUP Interface (115-119)	--> Engineering - Work Order Setup (Transform)
4	Budget Interface (120-129)	Controller - Appropriation Budgets Run Transform
5	Budget Interface (120-129)	Controller-Allotments for Appr Bud Run Transform
6	Budget Interface (120-129)	Controller - Activity Budgets Run Transform
7	Budget Interface (120-129)	Controller - Revenue Budgets Run Transform
8	RE Interface (130-139)	--> City Clerk - Detailed Receivables Transform
9	RE Interface (130-139)	--> Sanitation - Detailed Receivables Transform
10	RE Interface (130-139)	--> Planning - Detailed Receivables Transform
11	RE Interface (130-139)	--> Sanitation - LOPEZCYN Detailed Receivables Transform
12	CR Interface (140-154)	Treasurer - Cash Receipts and Interest Alloc (T)
13	CR Interface (140-154)	--> Cash Receipt from Lock Box - Transform
14	CR Interface (140-154)	--> LATAX - Cash Receipt Correction run Transform
15	CR Interface (140-154)	--> Recs and Parks - Cash Receipt Correction Transform
16	CR Interface (140-154)	--> Public Works - Cash Receipt Correction Transform
17	SMS JV Interface (155-169)	SMS - Journal Voucher Run Transform
18	Refund Interface (170-174)	LATAX - Refunds (Transform)
19	GAE, EGA-GAX and DEX Interface (175-179)	-->Police - Expenditures Run (Transform)
20	GAE, EGA-GAX and DEX Interface (175-179)	--> Harbor - Expenditures (Transform)
21	GAE, EGA-GAX and DEX Interface (175-179)	--> City Clerk - Expenditures (Transform)
22	GAE, EGA-GAX and DEX Interface (175-179)	-->PaySR - Garnishments Run Transform
23	IETPR & IVSMS Interface (180-189)	--> SMS - Internal Voucher (Transform)
24	Journal Voucher Interface (155-169)	-->CTR GCDS - JV Treasurer Paid Warrants (Transform)

#	Interface Type:	Specific Interface:
25	Journal Voucher Interface (155-169)	-->PaySR-Emergency Checks Jrnal Voucher Run Transform
26	Journal Voucher Interface (155-169)	-->Office of Finance- Bond Interest JV Run Transform
27	Journal Voucher Interface (155-169)	-->PaySR - ERIP Defer Payment Payout JV Run Transform
28	Journal Voucher Interface (155-169)	-->PaySR - Retro Journal Voucher Run Transform
29	CV Interface (190-199)	--> PaySR - Manual CV Journal Voucher Run Transform
30	CV Interface (190-199)	--> PaySR - ERIP CV Journal Voucher Run Transform
31	CV Interface (190-199)	--> PaySR - Retro CV Journal Voucher Run Transform
32	CV Interface (190-199)	--> PaySR-Cancellation CV Journal Vouch Run Transform
33	CV Interface (190-199)	--> PaySR - Recharge CV Journal Voucher Run Transform
34	CV Interface (190-199)	-->  --> PaySR-Labor CV Journal Voucher Run Transform
35	CH Interface (200-209)	--> Street Services - Asphal Internal Charges Trnsfor
36	CH Interface (200-209)	--> Street Serv - Equipment Usage Charges Transf
37	CH Interface (200-209)	--> Street Services - Truck Internal Charges:Transform
38	CH Interface (200-209)	--> PaySR - Manual Charges Run Transform
39	CH Interface (200-209)	--> PaySR - Cancellations Charges Run Transform
40	CH Interface (200-209)	--> PaySR - Labor Charges Run Transform
41	ICT Interface (210-219)	--> PaySR - Manual Internal Costing Run Transform
42	ICT Interface (210-219)	--> Street Lighting - Internal Costing - Run Transform
43	ICT Interface (210-219)	--> Street Services - Asphal Internal Costing Transform
44	ICT Interface (210-219)	--> Street Serv - Equipment Usage Intern Cost Transf
45	ICT Interface (210-219)	--> Street Serv - Truck Internal Costing Transf
46	ICT Interface (210-219)	PaySR - ERIP Internal Costing Run Transform
47	ICT Interface (210-219)	PaySR - Retro Internal Costing Run Transform
48	ICT Interface (210-219)	--> PaySR - Adjustment Internal Costing Run Transform
49	ICT Interface (210-219)	--> PaySR - Banked OT Internal Cost Run Transform
50	ICT Interface (210-219)	--> PaySR-Cancellations Internal Costing Run Transform
51	ICT Interface (210-219)	-->  -->  --> PaySR-Labor Distrib Internal Cost Run Transform
52	ICT Interface (210-219)	--> PaySR-Mileage Distrib Internal Cost Run Transform
53	ICT Interface (210-219)	--> PaySR - Recharge Internal Costing Run Transform
54	COLLR Interface (220-224)	--> Office of Finance - Collection Returns Transform
55	COLLR Interface (220-224)	--> External Agency - Collection Returns Transform
56	CARR Interface (230-236)	--> Office of Finance - LTX - CARR Transform

#	Interface Type:	Specific Interface:
57	CARR Interface (230-236)	--> Fire Dept - VMS - CARR Transform
58	CARR Interface (230-236)	--> Fire Dept - Envision - CARR Transform
59	CARR Interface (230-236)	--> Housing - HIMS - CARR Transform
60	CARR Interface (230-236)	--> Building and Safety - FSS - CARR Transform
61	CARR Interface (230-236)	--> Sanitation - PIMS - CARR Transform
62	CARR Interface (230-236)	--> Police - CRYWF - CARR Transform
63	Outbound Interfaces (285-299)	Housing - Encumbrances
64	Outbound Interfaces (285-299)	Housing - Expenditures
65	Outbound Interfaces (285-299)	CTR GCDS - Positive Pay
66	Outbound Interfaces (285-299)	LATAx - Warrant
67	Outbound Interfaces (285-299)	Harbor - Warrant
68	Outbound Interfaces (285-299)	Housing - Warrant
69	Outbound Interfaces (285-299)	External Agency - Collection Payments
70	Outbound Interfaces (285-299)	EFT ACH Transactions (ALL)
71	Outbound Interfaces (285-299)	Export IN_AUD_LOG to text file
72	Outbound Interfaces (285-299)	Office of Finance - Collection Referrals
73	Outbound Interfaces (285-299)	External Agency - Collection Referrals
74	VCC	I --> SMS/GSD
75	VCM	I --> SMS/GSD
76	VCM	I --> FMS Generated update Legal Name & TIN from LATAx
77	BTRC	I -->LATAx
78	CLR_CHK	I --> CTR_GCDS - Cleared Checks
79	Outbound	Check Print
80	Outbound	Direct Deposit EFT/ACH
81	WOUPD Interface	--> General Services - Work Order Update
82	WOUPD Interface	--> ITA - Work Order Update
83	WOUPD Interface	--> Engineering - Work Order Update
84	WOUPD Interface	--> Economic and Workforce Development - Work Order Update
85	WOUPD Interface	--> Department of Public Works - Work Order Update
86	RE Interface (130-139)	--> Fire - Detailed Receivables Transform (HR-HighRise) - onDemand
87	CV Interface (190-199)	--> PaySR - ERIP CV Journal Voucher Run Transform
88	ICT Interface (210-219)	PaySR - ERIP Internal Costing Run Transform

#	Interface Type:	Specific Interface:
89	CARR Interface (230-236)	--> Fire – ADPI IMX (Ambulance Billing) – CARR Transform
90	CARR Interface (230-236)	--> DOT – eTIMS – CARR Transform
91	CARR Interface (230-236)	--> LACC – EBMS – CARR Transform
92	Journal Voucher Interface	--> PAYSR Regular Payroll
93	Journal Voucher Interface	-->P PAYSR Cancellation of Checks
94	Journal Voucher Interface	-->PAYSR Payroll Deduction
95	Journal Voucher Interface	--> PAYSR Vendor Deduction
96	Journal Voucher Interface	-->Controller Monthly Budget Allocation (XML)
97	Journal Voucher Interface	-->Controller Monthly Interest Allocation (XML)
98	Journal Voucher Interface	-->Controller Monthly User's Tax (XML)
99	Journal Voucher Interface	-->Controller Monthly Property Tax (XML)
100	Internal Transfer Agreement (ITA) Interface	-->Public Works ITI Payment
101	Internal Transfer Initiator (ITI) Interface	-->Public Works ITI Cancellation
102	Internal Exchange Transfer (IET) Interface	-->Public Works ITI Payment

Additionally, any new Performance Budgeting interfaces will be analyzed as well as the impacts to the following Excel Workbook Toolkits:

- Planning RE Workbook
- Budget Workbooks
- ITI Workbook
- JVXML Workbook

# SMS REPLACEMENT

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## Summary of Interfaces

Outbound from FMS 2.0	7
Inbound to FMS 2.0	2
<b>Total Interfaces</b>	<b>9</b>

## List of Interfaces to be Created

The table below provides the total list of interfaces that were analyzed during the Envision Phase of the implementation. The columns identified are as follows:

- **Interface Description** – This column identifies a description of the interface, along with other specifications (as applicable):
  - **Current Process** – Describes the current interface process as it exists today between SMS and the external interfacing system
  - **Direction** – Inbound/Outbound. The source system and target system is also identified.
  - **Frequency** – This identifies the frequency with which the interface will execute. Typical frequencies include Daily, Weekly, Monthly, Annually, On Demand
- **Disposition & Complexity**
  - **Disposition** – This column identifies whether or not the interface will be developed. The values identified are 'Replace', or 'Eliminate', as analysis determined that there are some interfaces that will no longer be required.
  - **Complexity** – Complexity estimates have been assigned based on the following:
    - **Low Impact** – Minor modification will be required to the interface, such as changes to format of data.
    - **Medium Impact** – A moderate level of changes will be required for the interface.
    - **High Impact** – A significant level of modification or complete re-write is required for the interface.
- **Comments** – Comments/Notes are identified here, including the Design Document that will detail the requirements and logic of the interface.
  - **Design Document** – The development of each interface will include a Design Document detailing the requirements of the interface.
    - **Inbound Design Document (IDD)** – The IDD details the requirements of an interface that is being sent from an external system into FMS 2.0.
    - **Outbound Design Document (ODD)** – The ODD details the requirements of an interface that is being sent from FMS 2.0 to an external system.

Interface Description	Disposition & Complexity	Comments
<p><b>Commodity Vendors</b></p> <ul style="list-style-type: none"> <li>• <b>Current Process:</b> Limited vendor information is interfaced from SMS to EMPAC to keep the vendor information in EMPAC in sync with SMS</li> <li>• <b>Direction: Outbound</b> from FMS 2.0 to EMPAC</li> <li>• <b>Frequency:</b> Daily</li> </ul>	Replace – High Impact	<p>Current EMPAC &amp; SMS system interdependencies (such as shared tables) require the interface to be redesigned and redeveloped.</p> <p><b>Design Document:</b> Commodity Vendors ODD</p>
<p><b>Inventory Items Catalog</b></p> <ul style="list-style-type: none"> <li>• <b>Current Process:</b> Inventory items are interfaced from SMS to EMPAC to keep the items information in EMPAC in sync with SMS</li> <li>• <b>Direction: Outbound</b> from FMS 2.0 to EMPAC</li> <li>• <b>Frequency:</b> Daily</li> </ul>	Replace – High Impact	<p>Current EMPAC &amp; SMS system interdependencies (such as shared tables) require the interface to be redesigned and redeveloped.</p> <p><b>Design Document:</b> Inventory Items Catalog ODD</p>
<p><b>New Requisitions</b></p> <ul style="list-style-type: none"> <li>• <b>Current Process:</b> Requisitions are originated within EMPAC and are interfaced to SMS</li> <li>• <b>Direction: Inbound</b> from EMPAC to FMS 2.0</li> <li>• <b>Frequency:</b> Daily</li> </ul>	Replace – High Impact	<p>Current EMPAC &amp; SMS system interdependencies (such as shared tables) require the interface to be redesigned and redeveloped.</p> <p><b>Design Document:</b> New Requisitions IDD</p>
<p><b>Rejected Requisitions</b></p> <ul style="list-style-type: none"> <li>• <b>Current Process:</b> Requisitions that are received by SMS and subsequently rejected for business reasons are interfaced back to EMPAC</li> <li>• <b>Direction: Outbound</b> from FMS to EMPAC</li> <li>• <b>Frequency:</b> Daily</li> </ul>	Replace – High Impact	<p>Current EMPAC &amp; SMS system interdependencies (such as shared tables) require the interface to be redesigned and redeveloped.</p> <p><b>Design Document:</b> Rejected Requisitions ODD</p>
<p><b>Purchase Orders</b></p> <ul style="list-style-type: none"> <li>• <b>Current Process:</b> Requisitions received and approved from EMPAC by SMS result in</li> </ul>	Replace – High Impact	<p>Current EMPAC &amp; SMS system interdependencies (such as shared tables) require the interface to be</p>

Interface Description	Disposition & Complexity	Comments
<p>Purchase Orders within SMS</p> <ul style="list-style-type: none"> <li>• These PO's are interfaced to EMPAC to keep the systems in sync</li> <li>• <b>Direction: Outbound</b> from FMS 2.0 to EMPAC</li> <li>• <b>Frequency:</b> Daily</li> </ul>		<p>redesigned and redeveloped.</p> <p><b>Design Document:</b> Purchase Order ODD</p>
<p><b>Receivers</b></p> <ul style="list-style-type: none"> <li>• <b>Current Process:</b> Goods are received by EMPAC as a result of PO's created in SMS. Receivers are interfaced to SMS to support the invoice matching process</li> <li>• <b>Direction: Inbound</b> from EMPAC to FMS 2.0</li> <li>• <b>Frequency:</b> Daily</li> </ul>	<p>Replace – High Impact</p>	<p>Current EMPAC &amp; SMS system interdependencies (such as shared tables) require the interface to be redesigned and redeveloped.</p> <p><b>Design Document:</b> Receivers IDD</p>
<p><b>Vouchers (Invoice Actuals)</b></p> <ul style="list-style-type: none"> <li>• <b>Current Process:</b> Vouchers created in SMS as a result of the invoice matching process are interfaced to EMPAC for tracking purposes</li> <li>• <b>Direction: Outbound</b> from FMS 2.0 to EMPAC</li> <li>• <b>Frequency:</b> Daily</li> </ul>	<p>Replace – High Impact</p>	<p>Current EMPAC &amp; SMS system interdependencies (such as shared tables) require the interface to be redesigned and redeveloped.</p> <p><b>Design Document:</b> Vouchers ODD</p>
<p><b>Fleet and Police Warehouse Transactions</b></p> <ul style="list-style-type: none"> <li>• <b>Current Process:</b> All valid SMS transactions occurring in a fleet warehouse are interfaced to VMS. This includes: <ul style="list-style-type: none"> <li>○ Issues</li> <li>○ Customer Returns</li> <li>○ Miscellaneous Issues/Returns</li> <li>○ IN &amp; OUT</li> </ul> </li> <li>• <b>Direction: Outbound</b> from</li> </ul>	<p>Replace – Medium Impact</p>	<p>Extracts occurring in SMS will need to be redeveloped to retrieve equivalent data from FMS.</p> <p><b>Design Document:</b> Warehouse ODD</p>