



City of Madison
Software Evaluation
Appendix 6 - System Interface Background

#	Process	Department	Integration System Name	Interface From (ERP or System Name)	Interface To (ERP or System Name)	Expected Mode (batch vs. real time)	If batch, frequency (daily, weekly, etc.)	Source Database (SQL, DB2, Access, etc...)	Interface Expectations / Data	Transformation & Validation Requirements	Notes
Level 1 - Base Software Interfaces											
1	Payroll	Police	TeleStaff	TeleStaff	ERP	Batch	TBD	Sybase	Payroll Timesheet Entry input into ERP		Frequency to be determined upon review of integration strategy
2	Payroll	Police	TeleStaff	ERP	TeleStaff	Batch	TBD	ERP database TBD	ERP Payroll data (vacation/sick/comp time) made available to external system ERP HR data (Employee data) - Eliminate re-keying of employee data in Telestaff	Need method/report to reconcile leave balances between systems	Frequency to be determined upon review of integration strategy
3	Payroll	Transit	Trapeze Software	Trapeze	ERP	Batch	TBD	SQL	Payroll Timesheet Entry input into ERP		Frequency to be determined upon review of integration strategy
4	Payroll	Transit	Trapeze Software	ERP	Trapeze	Batch	TBD	ERP database TBD	ERP Payroll data (vacation/sick/comp time) made available to external system ERP HR data (Employee data) - Eliminate re-keying of employee data in Trapeze		Frequency to be determined upon review of integration strategy
5	Payroll	Payroll	WI Retirement System	ERP	WRS	Batch	As Needed	ERP database TBD	Data extract to support WI Retirement System reporting requirements		
6	GL	Treasurer	OCR for Treasurer	OCR	ERP	Batch	As Needed	Text File	Import of payment data for AR / Cash Receipting		
7	AP (P-Cards)	Comptroller	Bank Provider (JP Morgan)	Bank Provider (JP Morgan)	ERP	Batch	As Needed	CSV File	Procurement Card (P-Card) data - Level 3 or Level 4 to support detailed transaction analysis and Accounts Payable		Expect that a file will be provided from the bank daily
8	AP	Housing Software	Elite	Elite	ERP	Batch	Daily	Text File	Import AP Vouchers from Elite to ERP		
9	AP	Housing Software	Elite	Elite	ERP	Real Time		SQL	Lookup Receivables from Elite in ERP		
10	AR	Housing Software	Elite	ERP	Elite	Real Time / Batch	Daily	ERP database TBD	Import Cash Receipt from ERP into Elite and relieve Receivable in Elite		Desire for real time or very frequent batch updates to destination system
11	AR	Parking Utility	PU Ticket	ERP	PU Ticket	Real Time / Batch	Daily	ERP database TBD	Import Cash Receipt from ERP into PU Ticket and relieve Receivable in PU Ticket	PU Ticket - Progress database; custom developed	Desire for real time or very frequent batch updates to destination system
12	AR	Police	New World	ERP	New World	Real Time / Batch	Daily	ERP database TBD	Import Cash Receipt from ERP into New World and relieve Receivable in New World		Desire for real time or very frequent batch updates to destination system
13	AR	Police	New World	New World	ERP	Real Time		DB2	Lookup Receivables from New World in ERP		
14	AR	Court	Muni Court	ERP	Muni Court	Real Time / Batch	Daily	ERP database TBD	Import Cash Receipt from ERP into Muni Court and relieve Receivable in Muni Court		Desire for real time or very frequent batch updates to destination system
15	AR	Court	Muni Court	Muni Court	ERP	Real Time		Progress	Lookup Receivables from Muni Court in ERP		
16	GL	Online Payment	MadisonPay.com	MadisonPay.com	ERP	Batch	Daily	XML type format (facilitated through US Bank)	Integration of existing City developed MadisonPay.com website to ERP for AR/Cash Receipting		
17	Cash Receipts, TBD	Comptroller	Accela (ELAM)	Accela (ELAM)	ERP	Real Time / TBD		SQL	Cash Receipt Data from Accela to ERP TBD (Implementation currently in progress)		
18	Cash Receipts, TBD	Comptroller	Accela (ELAM)	ERP	Accela (ELAM)	Real Time / TBD		ERP database TBD	TBD (Implementation currently in progress)		
19	Electronic Document Management	IT	Docfinity (EDMS)	Docfinity	ERP	Real Time		SQL	Integration with Docfinity (City's primary electronic document management system) for document attachments in ERP		
20	Electronic Document Management	IT	Docfinity (EDMS)	ERP	Docfinity	Real Time		ERP database TBD	Integration with Docfinity (City's primary electronic document management system) for document attachments in ERP		
21	AR, Cash Receipts	Parks	RecTrac	RecTrac	ERP	Batch	Daily	Progress	Integration of existing RecTrac program to ERP for AR/Cash Receipting		
22	AP, AR, GL	Monona Terrace, Overture Center	USI	USI	ERP	Batch	Daily	SQL	AP Voucher AR Cash Receipt TBD		
23	AP, AR, GL	Monona Terrace, Overture Center	USI	ERP	USI	Batch	Daily	SQL	Payment Data Receivables Data TBD		



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24	Accounting	Comptroller	ACH (US Bank)	ACH (US Bank)	ERP	Batch	Daily	CSV/Text File	Integration of ERP to ACH provider (Cleared Checks)		
25	Accounting	Comptroller	ACH (US Bank)	ERP	ACH (US Bank)	Batch	Daily	ERP database TBD	Integration of ERP to ACH provider (Positive Pay/EFT)		
26	AP	Various	Various Systems	Various Systems	ERP	Batch	As Needed	CSV/Text File	Data input from various systems to support AP creation for payment		Would apply to Election Official Pay, Possibly TR Tax, Special Assessment Overpayments Question if 1099 would apply
Level 2 - Supporting Software Interfaces											
28	Municipal Services Billing Option 1 - Keep CIS Infinity software	Water, Storm, Sewer	CIS Infinity / Utility Billing Software	CIS Infinity / Utility Billing Software	ERP	Batch	Daily	SQL	Utility billing receivables data from CIS Infinity to ERP		TBD - Only if ERP provider does NOT provide an integrated or superior third party solution for Utility Billing
29	Municipal Services Billing Option 1 - Keep CIS Infinity software	Water, Storm, Sewer	CIS Infinity / Utility Billing Software	ERP	CIS Infinity / Utility Billing Software	Batch	Daily	ERP database TBD	Utility Billing Cash Receipt data from ERP to CIS Infinity (detail cash receipt data)		TBD - Only if ERP provider does NOT provide an integrated or superior third party solution for Utility Billing
30	Municipal Services Billing Option 2 - New Utility Billing software	Water, Storm, Sewer	ESRI ArcGIS	ESRI ArcGIS	ERP / Utility Billing Software	Batch	Daily	SQL	Address and parcel information		TBD - Only if ERP provider DOES provide an integrated or superior third party solution for Utility Billing
31	Municipal Services Billing Option 2 - New Utility Billing software	Water, Storm, Sewer		Tax TBD	ERP / Utility Billing Software	Tax TBD	Daily		Transfer and payment of delinquent bills		TBD - Only if ERP provider DOES provide an integrated or superior third party solution for Utility Billing
32	Municipal Services Billing Option 2 - New Utility Billing software	Water, Storm, Sewer		Tax TBD	Tax TBD	ERP / Utility Billing Software	Daily		Transfer and payment of delinquent bills		TBD - Only if ERP provider DOES provide an integrated or superior third party solution for Utility Billing
33	Municipal Services Billing Option 2 - New Utility Billing software	Water, Storm, Sewer		ERP	ERP / Utility Billing Software	Batch	Daily		Detail cash receipt data		TBD - Only if ERP provider DOES provide an integrated or superior third party solution for Utility Billing
34	Ambulance Billing - If an integrated module/functionality of ERP	Comptroller	CityScape	CityScape	ERP	Batch	Daily	Text File	ERP is provided with data input from CityScape system to support AR creation for invoicing		TBD - Only if ERP provider does provide an integrated solution for Ambulance Billing
35	Tax Processing - Option 1 (ERP Includes Tax Module/Functionality)	Assessor	CAMA	CAMA	ERP/Tax	Batch	As Needed	Text File	CAMA Appraisal Data to support Tax processing into ERP with integrated Tax functionality		TBD - Only if ERP provider does provide an integrated solution for Tax Processing
36	Tax Processing - Option 2 (ERP does not include Tax Module/Functionality)	Treasurer	TR Tax	ERP	TR Tax	Batch	As Needed	ERP database TBD	Cash Receipt data from ERP to TR Tax (detail cash receipt data), assuming City of Madison legacy Tax systems are retained.		
37	Special Assessment Processing	Comptroller	Special Assessment	ESRI ArcGIS	ERP / Special Assessment System	Batch	As Needed	SQL	Address and parcel information		
38	Special Assessment Processing	Comptroller	Special Assessment	Tax TBD	ERP / Special Assessment System	Batch	As Needed		Transfer and payment of payment installments		
39	Special Assessment Processing	Comptroller	Special Assessment	ERP / Special Assessment System	Tax TBD	Batch	As Needed		Transfer and payment of payment installments		
40	Special Assessment Processing	Comptroller	Special Assessment	ERP / Special Assessment System	ERP	Batch	As Needed		Detail cash receipt data		