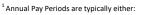
Date: 6/15/2023 Prepared For: City of Buchanan

TimeClock Savings Calculator

For Illustration Purposes Only

Company Inputs			
Number of Pay Periods per Year ¹	26		
Number of Work Weeks per Year (typically 52)	52		
Number of Employees	75		
Average Number of Hours per Week per Employee	40		
Payroll's Hourly Rate (industry standard)	\$23		
Average Hourly Rate of Employees (industry standard)	\$28		
Consumer Price Index(CPI) / Wage Inflation ²	5%		

Company Costs	
Time & Attendance	
Number of Pay Periods per Year	26
Minutes Spent per Employee per Pay Period to calculate Payroll ³	5.0
Number of Employees	75
Total Minutes Spent to Calculate Hours	9,750
Total Hours Spent Calculating Payroll	163
Payroll's Hourly Rate	\$23
Manual Computation of Hours	\$3,738
Average Number of Employees	75
Average Number of Hours per Week per employee	40
Number of Total Work Week Hours	3,000
Number of Annual Work Weeks	52
Number of Annual Worked Hours	156,000
Average Hourly Rate of Employees	\$28
Estimated Annual Payroll	\$4,368,000
Error Rate ⁴	1.0%
Error Factor	\$43,680
Organization Lost Hours per Employee per Week ⁵	1.00
Lost Hours per Employee per Year	52
Average number of Employees	75
Total Hours Lost per year	3.900
Average Hourly Rate of Employees	\$28
Time Theft / Lost	\$109,200
Total Company Cost	\$156,618



- 52 (weekly)
- 26 (bi-weekly)
- 24 (semi-monthly)
- 2 Consumer Price Index is the most well-known indicator for inflation. 10% is a typical benchmark.
- ³ Industry experts, including the American Payroll Association, estimate that it takes 2.5 5 minutes to manually compute hours for each employee in a bi-wee
- 4 The American Payroll Association estimates that payroll typically has an error rate of at least 1% and can go as high as 8%.
- ⁵ TCP Estimates most organizations are losing between 2-4 hours per employee per week on lost time. The American Payroll Association estimates this to be an average of 7% of their payroll costs annually.



Investment in TCP			
		PEPM	
Annual Subscription Fees	\$5,670	\$6.30	
Annual Add On Modules Fees	\$900	\$1.00	
Hardware	\$1,879		
Annual Hardware Support and Maintenance Fees	\$376	20%	
Professional Services	\$4,425		
Initial Investment in TCP	\$13,250		
Annual Recurring Fees**	\$6,946		

Return on Investment			
Estimated Payback Period (In Months)	1.0		
Estimated Return Ratio (Savings/Cost) - 1 year	10.8	x	
Estimated Return Ratio (Savings/Cost) - 5 year	20.1	x	
Estimated Savings (5 Years)	\$824,378		

	Annual Cash Flow			
	Status Quo	TCP	Savings	
Year 1:	\$156,618	\$13,250	\$143,368	
Year 2:	\$164,448	\$6,946	\$157,503	
Year 3:	\$172,671	\$6,946	\$165,725	
Year 4:	\$181,304	\$6,946	\$174,359	
Year 5:	\$190,370	\$6,946	\$183,424	

	Cumulative Cash Flow		
	Status Quo	TCP	Savings
Year 1:	\$156,618	\$13,250	\$143,368
Year 2:	\$321,066	\$20,196	\$300,870
Year 3:	\$493,737	\$27,141	\$466,595
Year 4:	\$675,041	\$34,087	\$640,954
Year 5:	\$865,411	\$41,033	\$824,378

^{**} Annual recurring fees are subject to annual price increase as stipulated by the contract.