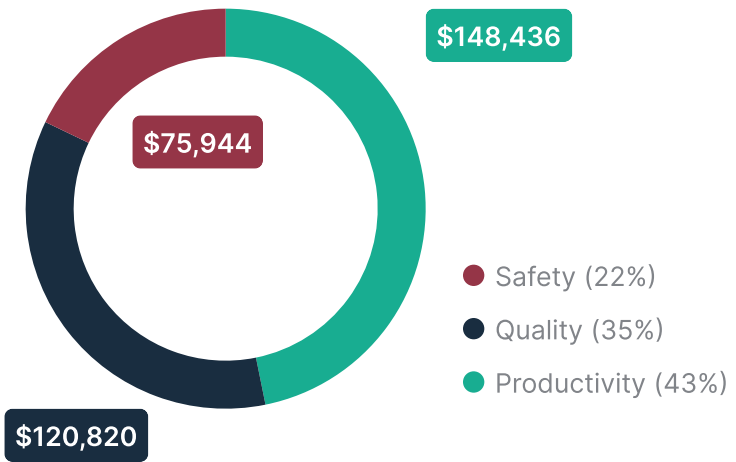# WorkClout

Potential ROI using WorkClout

WorkClout ROI Impact

The following use case provides an example of estimated savings and potential returns when using WorkClout.
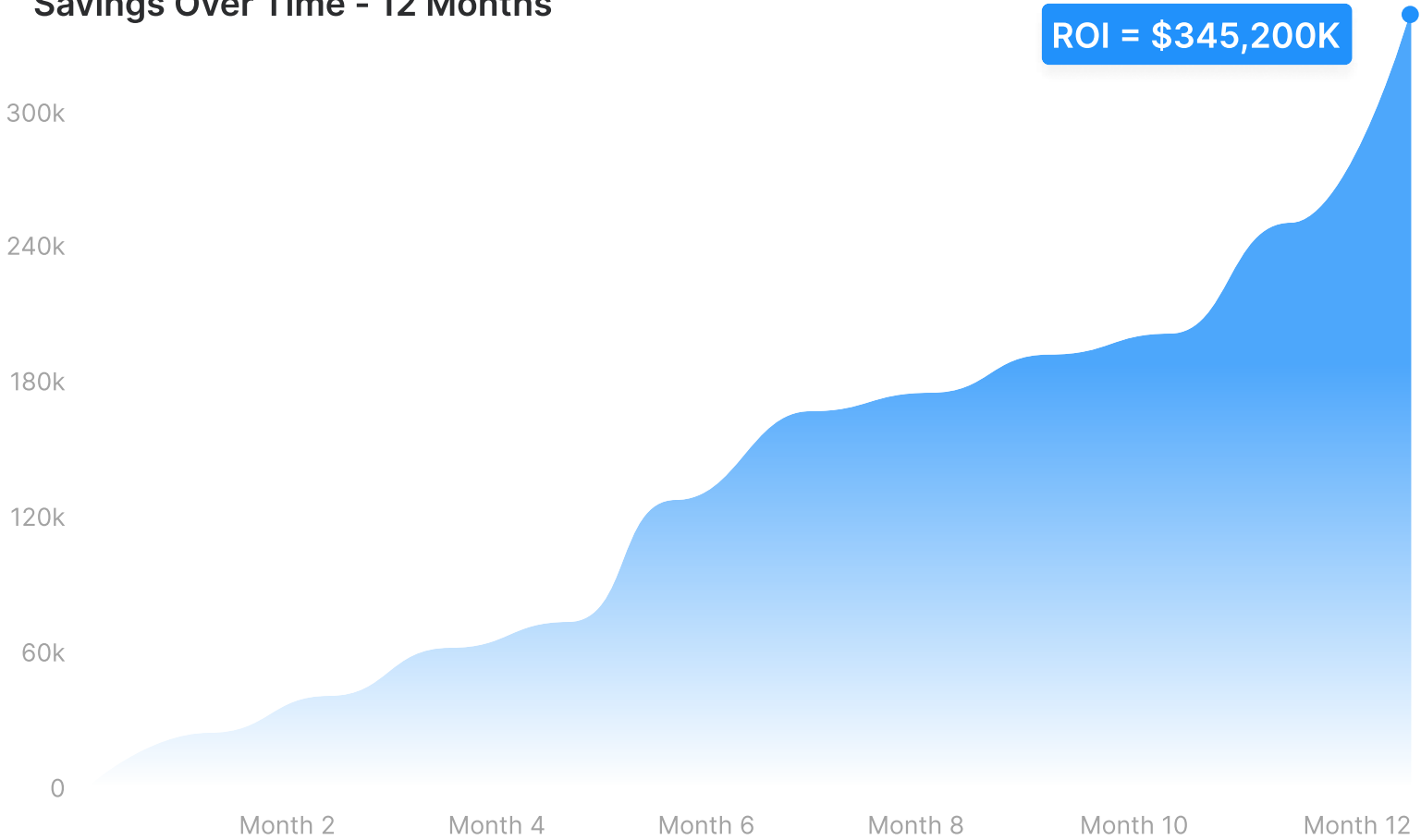
Annual Savings

$148,436

$75,944

$120,820

- Safety (22%)
- Quality (35%)
- Productivity (43%)

Save hundreds of thousands ($) annually in Safety, Quality, and Productivity, when adopting modern connected process improvement software.

ROI: $345,200 or 11X the cost of the software with a payback period that is well below 12 months.
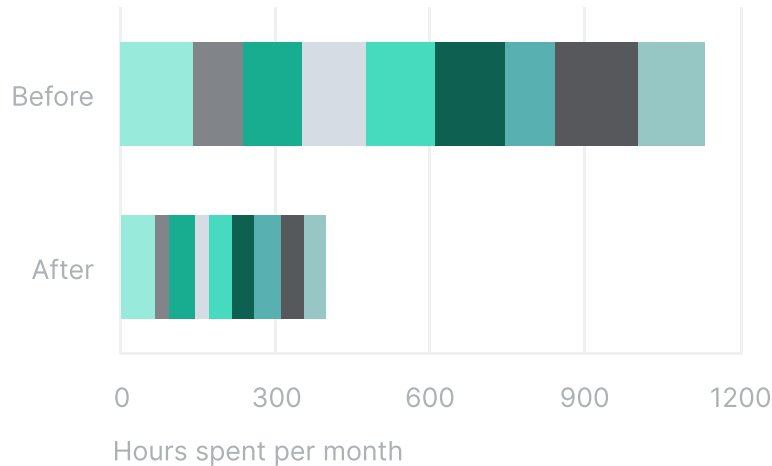
Savings Over Time - 12 Months

ROI = $345,200K

300k

240k

180k

120k

60k

0

Month 2   Month 4   Month 6   Month 8   Month 10   Month 12

*Calculated based on 300 employees making a national average salary of $16/hour

Total Productivity Savings $148,436

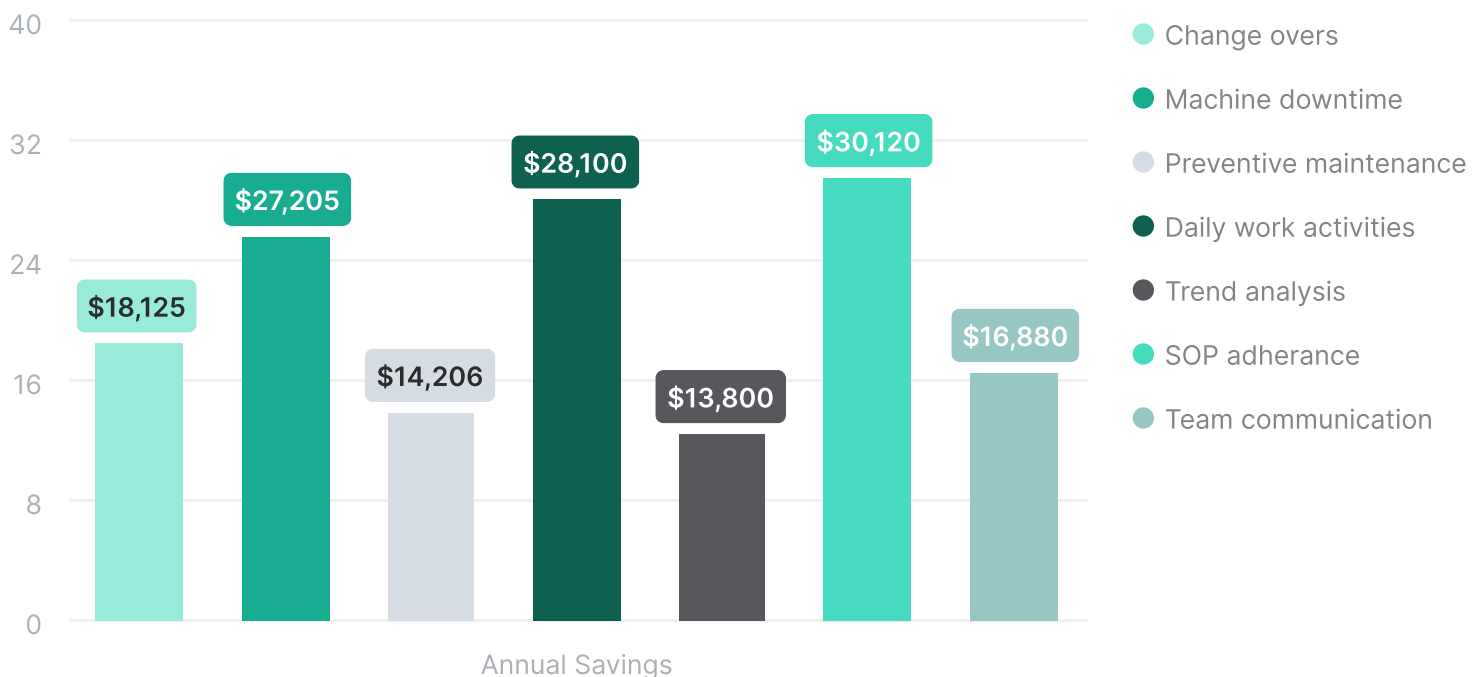## Monthly Time Savings - Productivity

WorkClout helps your organization redefine efficiency by centralizing your important data and knowledge and automating activities to significantly improve productivity.

The bar graph on the left shows an example of potential time saved per activity per month.

- Change overs
- Line production
- Machine downtime
- Preventive maintenance
- SOP adherance
- Daily work activities
- Data collection
- Trend analysis
- Team communication

Annual Savings by Productivity Activity

- Change overs
- Machine downtime
- Preventive maintenance
- Daily work activities
- Trend analysis
- SOP adherance
- Team communication

$18,125 $27,205 $14,206 $28,100 $13,800 $30,120 $16,880

Annual Savings

*Calculated based on 300 employees making a national average salary of $16/hour

Total Quality Savings $120,820

Monthly Time Savings - Quality

Before

After

0   300   600   900   1200
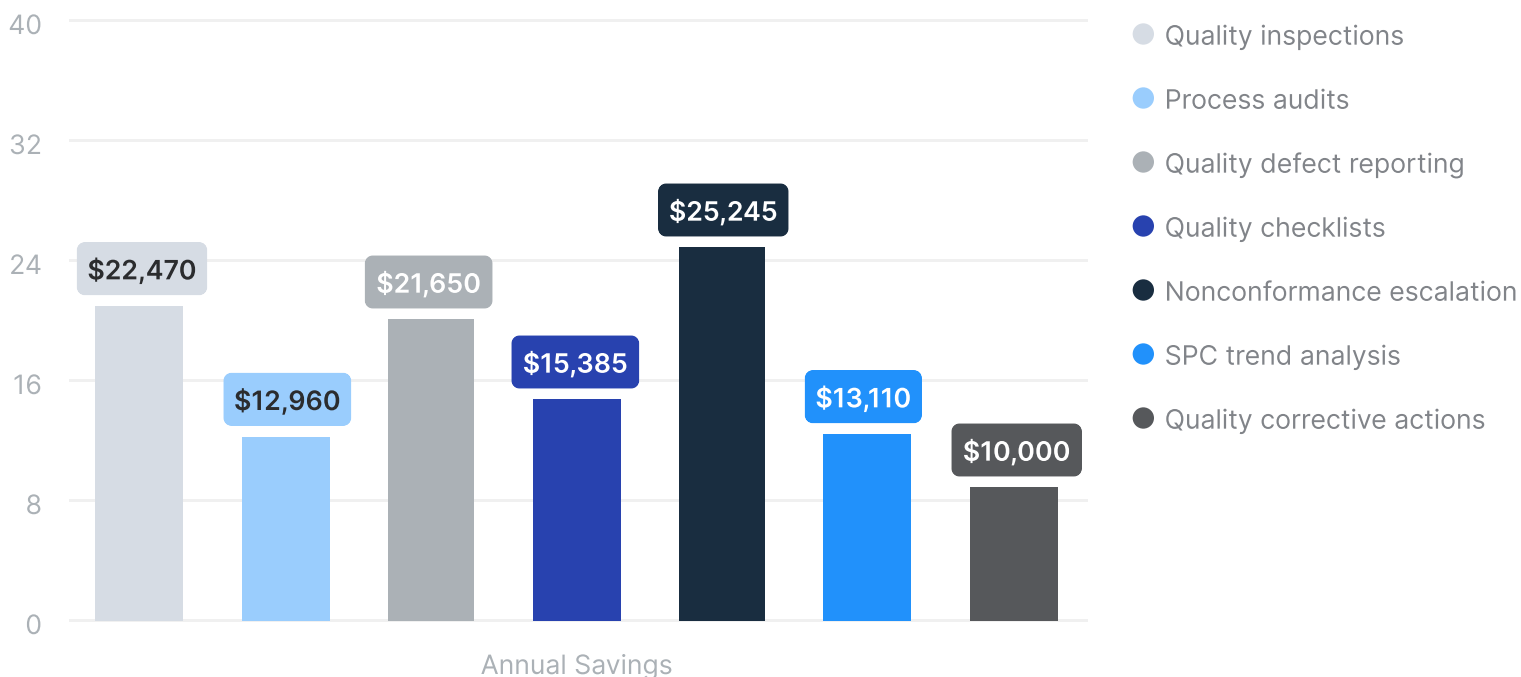
Hours spent per month
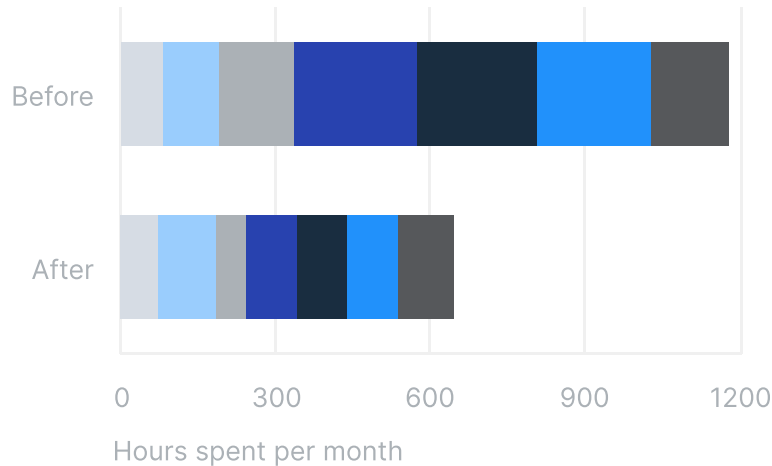
The cost of quality is compounded exponentially over time (1-10-100 rule). WorkClout helps with cost avoidance by reducing the time and error rate that comes with quality processes. By automating these processes as much as possible, your organization can get a boost in quality and customer satisfaction.

The bar graph on the left shows an example of potential time saved per quality activity per month.

- Quality inspections
- Process audits
- Quality defect reporting
- Quality checklists
- Nonconformance escalation
- SPC trend analysis
- Quality corrective actions
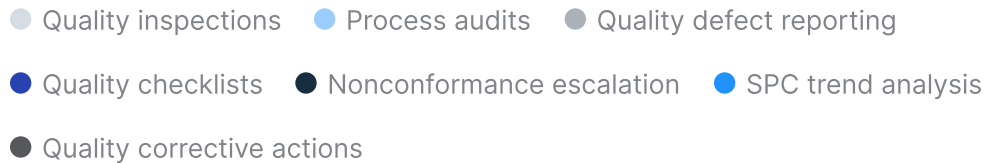
Annual Savings by Quality Activity

	Annual Savings
$22,470	
$12,960	
$21,650	
$15,385	
$25,245	
$13,110	
$10,000	

- Quality inspections
- Process audits
- Quality defect reporting
- Quality checklists
- Nonconformance escalation
- SPC trend analysis
- Quality corrective actions

*Calculated based on 300 employees making a national average salary of $16/hour

The Compounding Costs In Quality

Every deviation in quality that is identified results in thousands of dollars in savings. Over the course of a year, these identified quality deviantions that are corrected compounds to hundreds of thousands of dollars in cost avoidance.

Imagine catching these deviations in real-time?

| Employee	Task	Deviation
Zaire Philips	#233 – KBA 57' Print QC Score	FAIL – Confirm that there are no damages or nicked blades
Zaire Philips	#234 – KBA 57' Print QC Score	FAIL – Confirm that shims behind the doctor blade and end seals and correct
Mark Hu	#236 – KBA 57' Print QC Score	FAIL – Confirm that shims behind the doctor blade and end seals and correct
Mark Hu	#213 – Daily Safety Walk	FAIL – Is there a non-conformity for the job?
Tyrone Ch...	#215 – Shipping QC	FAIL – Does the shipping label reference the correct job number?
Tyrone Ch...	#211 – Lockout / Tagout	FAIL – Is the emergency light still lit on the machine when the power is off?

A single inspection FAIL can cost upwards of **$1000**

Costs increase over time by a factor of 10x when unresolved **X10**

Inspection FAIL cost overtime **$10,000**

Inspection — $1
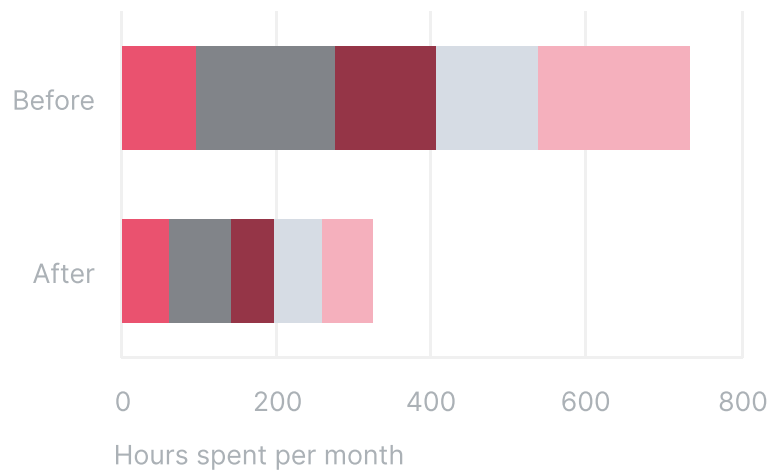Nonconformance — $10
CAPA — $100
Complaint — $1,000
Recall — $10,000
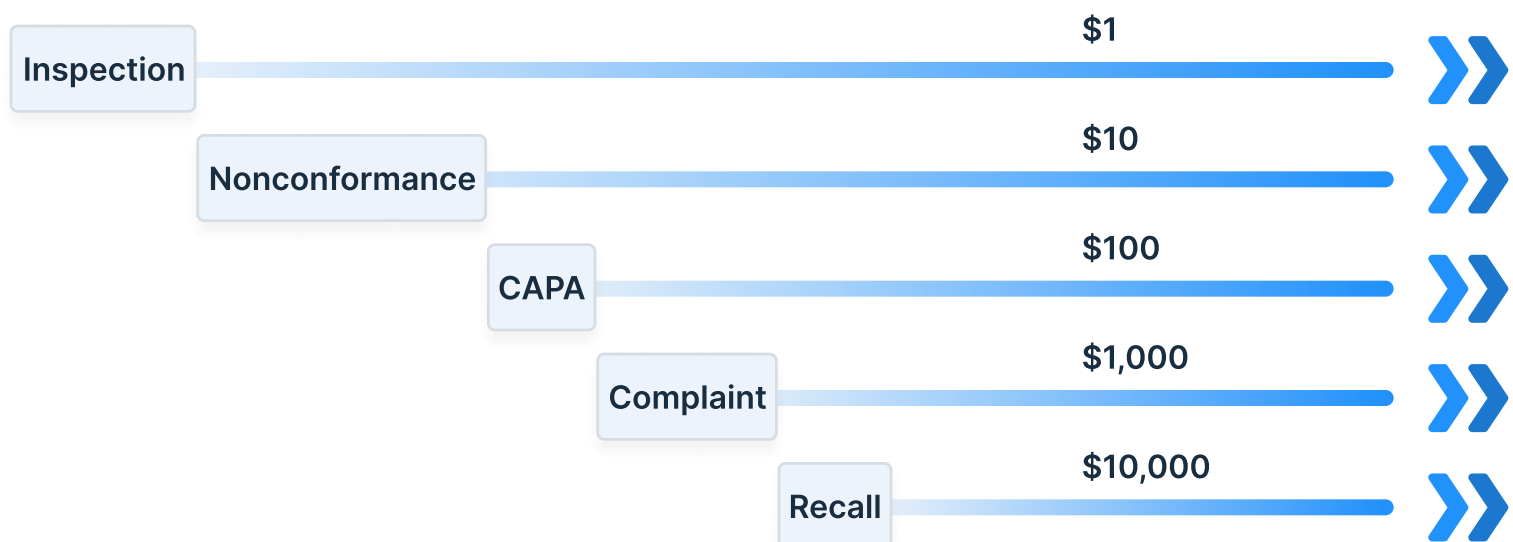
*Figures on this page do not represent real costs; the intent is to illustrate that capturing a quality problem later in the manufacturing process cost by a factor of at least 10x.

Total Safety Savings $75,944

Monthly Time Savings - Safety

Hours spent per month

● Incident reporting ● Lockout tagout ● Safety checklists

● Safety procedures ● Safety corrective actions

Manufacturing is hectic, typical workdays involve several employees cycling in-and-out, running into new issues, and performing multiple activities.

WorkClout helps keep your employees safe so they can focus on reaching benchmarks. WorkClout helps by automating safety inspections and enabling instant communication of incidents across teams.

The bar graph on the left shows an example of potential time saved per safety activity per month.

Annual Savings by Safety Activity

Annual Savings

● Incident reporting
● Lockout tagout
● Safety checklists
● Safety procedures
● Safety corrective actions
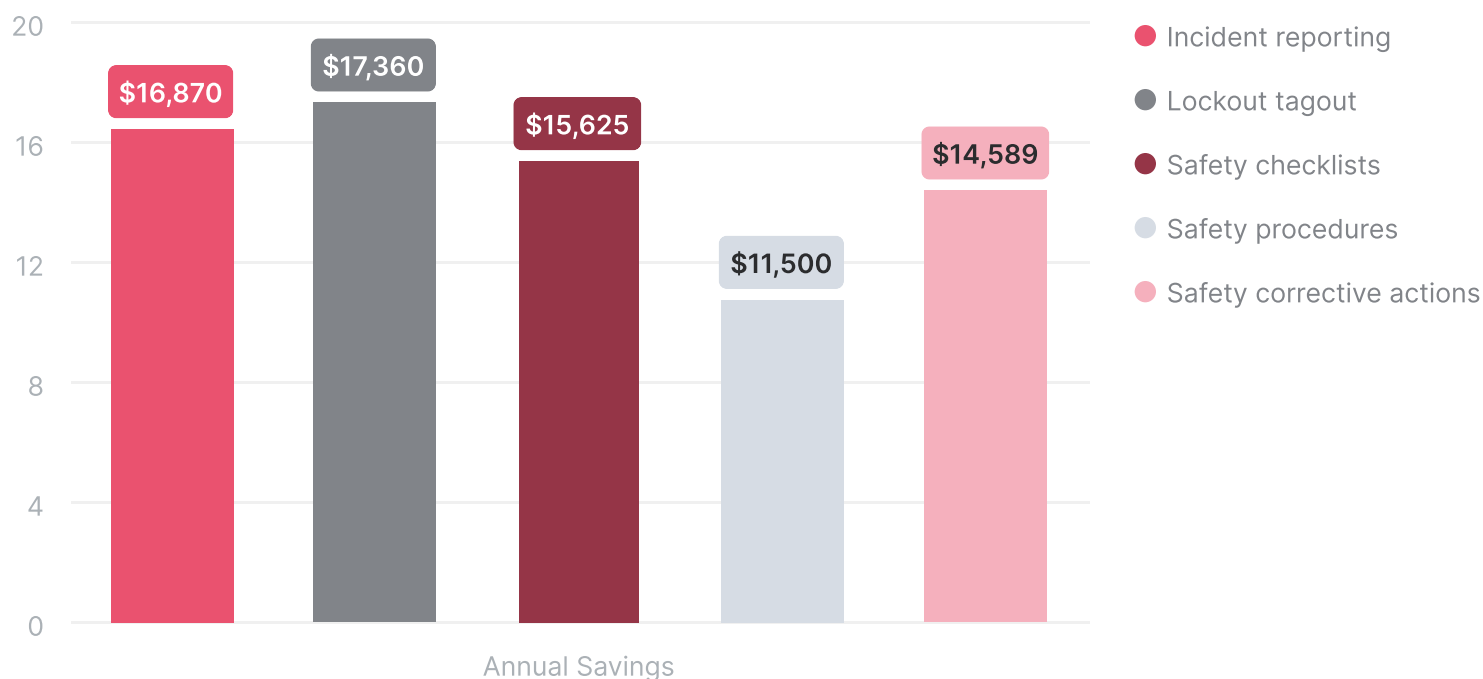
*Calculated based on 300 employees making a national average salary of $16/hour

WorkClout Use Cases

Productivity

Process Improvement

- Increase changeover speeds
- Increase line speeds
- Increase output per employee
- Reduce machine downtime
- Increase yield output

Daily Management

- Perform preventive maintenance
- Perform work instruction and procedure adherance
- Collect data from work activities
- Collect data from machines, tools, other systems
- View data trend analysis for OEE
- Communicate with workers and teams

Quality

Process Improvement

- Reduce inventory wastes
- Reduce operating costs
- Reduce excessive quality defects
- Prevent quality incidents from recurring

Daily Management

- Perform quality inspections
- Perform process audits
- Report quality incidents and defects
- Perform quality checklists
- Log nonconformance escalation
- View statistical process control (SPC)
- Report quality corrective actions

Safety

Process Improvement

- Reduce safety incidents
- Prevent safety incidents from recurring

Daily Management

- Report safety incidents
- Perform lockout tagout
- Perform safety checklists
- Perform safety work instructions
- Report safety corrective actions

"I have saved so much time by using Workclout - not only have I noticed my workers being able to get much more done in a day, but also I feel like our team dynamic and culture building has strengthened by far."

- Jason Walia, Operations Manager at Flex

WorkClout

The #1 Process Improvement Software helping manufacturers build a problem-solving culture that lasts.

www.workclout.com   info@workclout.com