


EHS Automation: Triple Bottom Line ROI



Investing in sustainable management measures like automated compliance reporting result in accurate reports being completed in a fraction of the time it takes to author manually. Automated reporting allows your EHS manager the time necessary to implement EH&S protocols which will mitigate a company's risk exposure by identifying and correcting procedures which result in workplace injury or incident, reduce your company's environmental impact, and benefit your bottom line.



Get a Personalized

**ERA EMS
Live Demo**

Interested in sustainability and optimizing your company's resources and profit margins. contact ERA now.



PEOPLE

Accurate compliance reports allow your EHS manager to identify and correct areas of opportunity and improvement in Health and Safety procedures which decrease the number and severity of workplace incidents.

- ↑ Job satisfaction
- ↑ Employee morale
- ↑ Productivity
- ↑ Employee engagement
- ↑ Staff retention
- ↑ Net promoter score (NPS)
- ↑ Transparent reporting builds trust

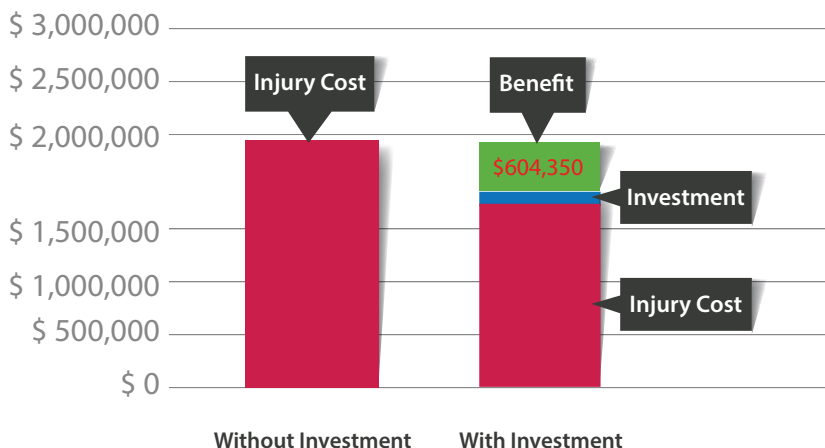


PROFIT

Accurate compliance reports help executives assess operating procedures and identify ways to optimize resources, cut costs, and attract investment.

- Decrease or eliminate non-compliance fines
- Decrease direct and indirect costs associated with workplace injury or incident
- Decrease in worker's compensation payouts
- Decrease operational costs
- Generate new revenue streams through circular supply chain
- Improved KPI
- Positive NPS attracts new private and gov't investment, consumers

Without proper EH&S investment, planning, and implementation, the cost/injury can significantly impact your profitability.



Benefit of **\$604,350** with ROI of **604.4%** on investment of **\$100,000**

$$ROI = \frac{\text{Reduction in Risk \$} - \text{Control Cost}}{\text{Control Cost (Investment)}}$$

Reduction in Risk (\$)	\$704,350
Control Cost (\$)	\$100,000
Net Benefit (\$)	\$604,350
Return on Investment (ROI)	604.4%

$$\text{Reduction in Risk} = \text{ARO} * \text{ELE} * \text{R} \%$$

Annualized Rate of Occurrence	10
Expected Monetary Loss Per Event	\$117,392
Reduction in Risk Percentage	60%
Reduction in Risk	\$704,350

$$\text{Total Injury Costs} = \text{D} + \text{I}$$

Direct Injury Costs (\$)	\$1,173,917
Indirect Injury Costs (10%)	\$1,291,309
Total Injury Costs (\$)	\$2,465,227

$$\text{OSHA Risk Assessment} = \frac{\sum I * 200,000}{\sum \text{EH}}$$

Number of Incidents	10
Total Employee Work Hours	20000000
OSHA Risk Assessment	0.1



PLANET

Because manufacturing carries such a heavy environmental load, even small sustainability measures can benefit the environment.

- Decrease facility's impact on surrounding eco-systems (air, land, water)
- Improved energy efficiency lowers our dependence on fossil fuels
- Repurposing waste items as habitats or gardening containers reduces landfill while re-establishing native pollinator colonies and promoting native biodiversity