

# The Business Value of Splunk for Manufacturing



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Interviewed manufacturing organizations achieved significant benefit from deploying Splunk to decrease the complexity of security and observability operations. Through cost savings, performance enhancements, and greater staff efficiency, IDC estimates that interviewed organizations achieved benefits worth an annual average of \$18 million which resulted in a three-year ROI of 480%.

## Key results

**\$1.5 million**  
average annual benefits  
per 10,000 managed endpoints

**480%**  
three-year return on investment

**6.4-month**  
payback period

Customer quote:

“One of the most significant benefits of using Splunk is that it has improved uptime and real-time visibility into OT systems. It also has enabled predictive maintenance by analyzing logs and sensor readings to forecast potential equipment failures before they happen. Additionally, Splunk automates workflows — such as generating maintenance tickets automatically — which enhances staff efficiency and streamlines operations across departments.”

## Security and compliance benefits

→ **32% more**  
efficient security  
operations team

→ **80% more**  
threats identified

→ **55% more**  
efficient threat detection

→ **58% reduction**  
in impactful security  
incidents

→ **45% more**  
efficient threat response

→ **16% more**  
productive compliance team

## Application management benefits

→ **19% more**  
productive DevOps

→ **24% more**  
productive IT engineers

→ **32% quicker**  
detection of application  
problems

## Performance benefits

→ **55% less**  
IT related unplanned  
downtime

→ **61% less**  
production environment  
related downtime

## IT and OT benefits

→ **28% more**  
efficient IT  
infrastructure team

→ **148% more**  
IT environment monitored

→ **22% more**  
efficient OT team

→ **129% more**  
OT environment  
monitored