

What is Value?



Promotion Award



Pay Raise Bonus



Personal Fullfillment





Best of
your
Ability

Satisfy Curiosity



Value in Business World



MARKET SHARE





HIGHEST QUALITY

HIGHEST QUALITY

100%

BEST CHOICE

SATISFACTION GUARANTEED

Value in Reliability World



Knowledge

Decisions



Results



How is
Reliability
Seen Today



**As reliable as the
sun and the
moon.**



Failure is bad



Priorities

How Important
is Reliability?



“What if we don’t change at all ...
and something magical just happens?”

**Cost,
Warranty
Material
or Risk
Reduction**





**Time to Market
Time to Volume
Opportunities
Customer
Satisfaction
& Engineering
Effort**

What is the
Value
of a
HALT?



Find
weaknesses

Test to
Failure(s)



HALT

cost and benefits

**What
approach
to use?**

Cost Reduction

Chance of finding fault

Fixing it earlier

10x less expensive

What is the
Value
of an
ALT?



Compress Time

Focus on Failure Mechanisms





ALT

cost and benefits

What
approach
to use?

Risk Reduction

Estimated Life
accuracy

Warranty/recall cost

What is the
Value
of a
Webinar?

Networking



Avoid Travel



Professional Development



Webinar cost and benefits

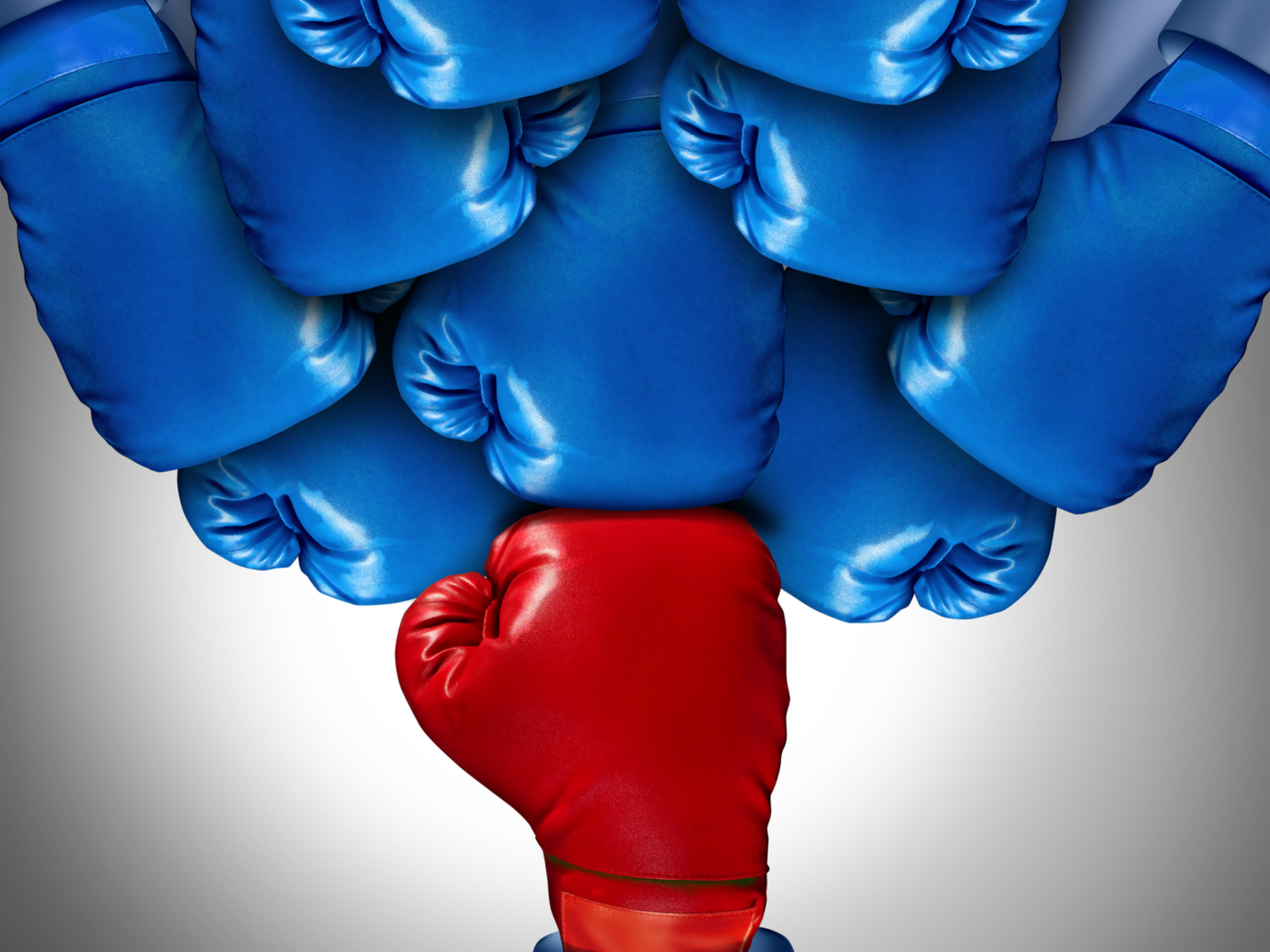
What
approach
to use?

Engineering Effort Saved

Chance of Learning

Time saved

Conclusion





Finding Value

How to Determine the Value of
Reliability Engineering Activities

Fred Schenkelberg

**Pick up a
copy today**

With a little work
we can
estimate/calculate
the value
provided
by
Reliability Engineering