

Comparison with Minitab

What is EngineRoom?

EngineRoom provides you with a complete suite of powerful, simple-to-use tools for data analysis and process improvement, delivered within an intuitive, drag-and-drop graphical interface. It's everything you need for a DMAIC project in one place.

Since the application is available online, you can access both the tools and your projects from any place, at any time, on any device.

Why is EngineRoom the Right Choice?

1. Save Year After Year



EngineRoom delivers essential analysis tools at a fraction of the cost of other platforms.

- Licenses start at \$495 annually, with volume discounts available.
- To match EngineRoom's capabilities, you'd need both Minitab (\$1,851) and Workspace (\$1,481), totaling \$3,332¹ per user, per year. The savings add up fast.
- Lower license costs mean more room to expand your program and reinvest in people.

2. Supports Process Improvement Work

EngineRoom includes all of the tools you need to execute continuous improvement projects.

- Over 80+ tools and templates for data analysis, project planning, and Lean Six Sigma problem-solving.
 - **Process Modeling** - Discrete Event Simulation, Monte Carlo
 - **Statistical Tools** - SPC, DOE, MSA, Hypothesis Tests, Regression Tools
 - **Diagramming and Mapping** - Value Stream Map, Root Cause Analysis, SIPOC
 - **Process Documentation and Templates** - Control Plan, Corrective Action, and RACI Matrix
- Organized by DMAIC phases to support structured thinking from Define through Control with alternate roadmaps like DCDOV and PDCA available to match your team's approach.
- Includes Process Playground, our built-in process modeling software for studying and predicting how your process behaves under real-world variation and giving you the flexibility to rapidly scenario-test.

¹ Total published price of Minitab products as of 3/14/2025

3. Cloud-Based and Always Up-to-Date

No installs. No IT bottlenecks. Just click and go.

- Collaborate and share your data or results instantly with others on your team with the click of a button.
- You always have access to the latest version with no need for updates or patches.
- Frequent updates add new tools, improved charting, and enhancements driven by user feedback—so the platform keeps evolving with your needs.

4. Designed for Ease of Use

Your focus should be on interpreting the data, not on how to use the tools.

- EngineRoom wizards (Hypothesis testing and DOE) guide users to the appropriate test or design, with a direct option for experienced users.
- The tools are simplified, contain step-by-step instructions and color coding, and provide easy-to-interpret, annotated output.
- Tools are linked to streamline work—Affinity Diagrams connect to CTQC Trees, which then feed into tools like QFD, C&E Matrices, and Design Scorecards so you won't have to re-enter the same information.

5. Connected to a Full Improvement Platform

EngineRoom is part of a fully integrated platform for continuous improvement.

- Organize your data, charts, and notes in one workspace, seamlessly connected to [TRACtion](#) for centralized project tracking.
- Available in 10 languages to support global teams: English, German, Spanish, Portuguese, French, Chinese, Japanese, Korean, Italian, Polish.
- EngineRoom is integrated into MoreSteam's eLearning, with practice exercises, tutorials, and walkthroughs that reinforce concepts and keep students focused on problem-solving.

6. Real Support from Real People

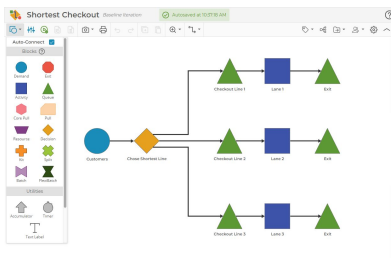
When you need help, you won't get a chatbot or a call center script.

- Our support team is made up of engineers and Lean Six Sigma practitioners who understand your questions—and your work.
- No phone trees. No robots. Just smart, responsive humans who are ready to help you solve problems and keep moving forward.

The EngineRoom Advantage

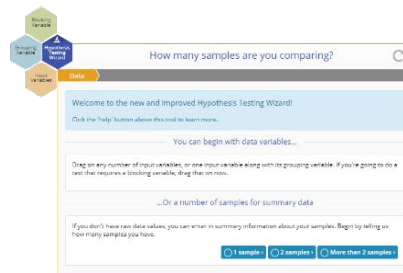
Process Modeling

- understand process variation
- rapidly test improvement ideas



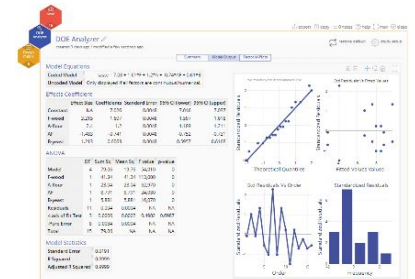
Hypothesis Testing Wizard

- step-by-step guidance
- explanation/interpretation of results



Easy to Use DOE Wizard

- step-by-step guidance
- explanation/interpretation of results



	General	Minitab Workspace	Minitab	EngineRoom
1	Web based access (access from any machine)	-	with web version	✓
2	Runs on a Mac	-	with web version	✓
3	Drag and Drop functionality (User interface)	-	-	✓
4	Guides user through the use of the tool	-	with "Assistant" feature	✓
5	Provides annotated output for ease of interpretation	-	with "Assistant" feature	✓
6	Critical Thought Map (project organization)	-	-	✓
7	Project file sharing	-	-	✓
8	Available in 10 languages: English, Portuguese, Spanish, German, Chinese, Korean, Japanese, French, Italian, Polish	-	✓	✓
9	Embedded team discussion and notes	-	✓	✓
10	Live linkage between data and output, auto-update of analyses	-	✓	✓
11	Customizable menu	-	✓	5 Options Available
12	Random sampling of large data	-	-	✓

	Six Sigma Specific Tools	Minitab Workspace	Minitab	EngineRoom
1	Affinity Diagram	✓	-	✓
2	Cause & Effect (C&E) Matrix	✓	✓	✓
3	Check Sheet	-	-	✓
4	Control Plan	✓	-	✓
5	Corrective Action Matrix	✓	-	✓
6	Critical To Quality Characteristics (CTQC) Tree	✓	-	✓
7	Data Measurement/Collection Plan	-	-	✓
8	Failure Modes & Effects Analysis (FMEA)	✓	-	✓
9	Financial Analysis	✓	-	✓
10	Fishbone (C&E) Diagram	✓	-	✓
11	Gantt Chart	✓	-	✓
12	Input Screening	✓	-	✓
13	Monte Carlo Simulation	✓	-	✓
14	Process Modeling/Discrete Event Simulation	-	-	✓
15	Process Flow Chart	✓	-	✓
16	Process Map	✓	-	✓
17	Project Charter	✓	-	✓
18	Project Closeout template	-	-	✓
19	Project Prioritizer	✓	-	✓

20	Project tracking capability	✓	-	✓ (TRACtion – separate license)
21	Pugh Matrix	✓	-	✓
22	Quality Function Deployment (QFD)	✓ (House of Quality)	-	✓
23	Sigma Level Calculator	✓	-	✓
24	SIPOC	✓	-	✓
25	Solution Selection	✓	-	✓
26	Root Cause (Fault) Tree Analysis	-	-	✓

	Lean Tools	Minitab Workspace	Minitab	EngineRoom
1	5 Why	-	-	✓
2	5S (CHECK) checklist	✓	-	-
3	A-3 Report	✓	-	-
4	Core Process Pull	-	-	✓
5	Little's Law	-	-	✓
6	Replenishment Process Pull	-	-	✓
7	Standard Work	-	-	✓
8	Value Stream Map (VSM)	✓	-	✓

	Data Manipulation	Minitab Workspace	Minitab	EngineRoom
1	Data functions (Copy/paste, Select multiple cells, delete/insert rows/columns, Sort)	-	✓	✓
2	Descriptive Statistics (numeric/graphical)	-	✓	✓
3	Pivot Table	-	✓	-

	Graphical	Minitab Workspace	Minitab	EngineRoom
1	Bar Chart	-	✓	✓
2	Box Plots	-	✓	✓
3	Dotplot	-	✓	✓
4	Histogram	-	✓	✓
5	MultiVari Charts	-	✓	✓
6	Pareto Chart	-	✓	✓
7	Scatter plot/Matrix plot	-	✓	✓
8	Trend/Run Chart/Time Series Plot	-	✓	✓
9	Distribution Identification	-	✓	✓
10	Graphical Summary (includes Histogram, Box Plot, Scatter Plot, and optional Trend Chart)	-	✓	✓

	Measurement System Analysis	Minitab Workspace	Minitab	EngineRoom
1	Attribute Agreement Analysis (Attribute MSA)	-	✓	✓
2	Gauge R&R (Variance Components)	-	✓	✓
3	Gauge R&R (AIAG)	-	✓	✓
4	Type I Gauge Study	-	✓	✓
5	Bias and Linearity Study	-	✓	✓
6	VDA5 Prestudy	-	-	✓
7	VDA5 Gauge R&R	-	-	✓
8	VDA5 Attribute	-	-	✓

	Statistical Process Control	Minitab Workspace	Minitab	EngineRoom
VARIABLE				
1	CUSUM	-	✓	✓
2	EWMA	-	✓	✓
3	Xbar-R	-	✓	✓
4	Xbar-S	-	✓	✓
5	XmR/ ImR	-	✓	✓
ATTRIBUTE				
1	c	-	✓	✓
2	g	-	✓	✓
3	np	-	✓	✓
4	p	-	✓	✓
5	u	-	✓	✓

	Process Capability Analysis	Minitab Workspace	Minitab	EngineRoom
1	Normal Continuous	-	✓	✓
2	Non-Normal Continuous	-	✓	✓
3	Non-Normal Discrete	-	✓	✓
4	Empirical	-	-	✓

	Correlation and Regression Analysis	Minitab Workspace	Minitab	EngineRoom
1	Correlation Matrix	-	✓	✓
2	Generalized Linear Modeling	-	✓	✓
3	Logistic (Binary) Regression	-	✓	✓
4	Multiple Linear Regression	-	✓	✓

5	Nominal (multinomial) Regression	-	✓	-
6	Ordinal Regression	-	✓	-
7	Simple Linear Regression	-	✓	✓
8	Classification & Regression Tree	-	✓ (CART)	✓

Hypothesis Tests		Minitab Workspace	Minitab	EngineRoom
PARAMETRIC				
1	1 Proportion Test (Exact Binomial & Z)	-	✓	✓
2	2 Proportions Z Test	-	✓	✓
3	Multiple Proportions Chi-Square Test	-	✓	✓
4	1 Mean t Test	-	✓	✓
5	2 Means (paired) t Test	-	✓	✓
6	2 Means (pooled) t Test	-	✓	-
7	2 Means (independent) t Test	-	✓	✓
8	One-way ANOVA	-	✓	✓
9	Two-way ANOVA (or one-way with blocking)	-	✓	✓
10	One Variance Chi-Square Test	-	✓	✓
11	Two Variances F Test	-	✓	✓
12	Multiple Variances F (homogeneity) Test	-	✓	✓
13	Chi-Square Test of Independence	-	✓	✓
14	Anderson Darling Normality Test	-	✓	✓
NON-PARAMETRIC				
1	1 Sample Sign	-	✓	✓
2	1 Sample Wilcoxon Signed Ranks Test	-	✓	✓
3	Paired Sample Sign	-	✓	✓
4	Paired Sample Wilcoxon Signed Ranks Test	-	✓	✓
5	2 Sample Mann-Whitney	-	✓	✓
6	Kruskal-Wallis	-	✓	✓
7	Friedman	-	✓	✓
8	Chi-Square Test of Association / Contingency Table	-	✓	✓
9	Chi-Square Goodness-of-Fit	-	✓	✓
10	Poisson Goodness-of-Fit	-	✓	✓
11	One Sample Poisson Rate	-	✓	✓

Normality		Minitab Workspace	Minitab	EngineRoom
1	Normal Probability Plot	-	✓	✓
2	Normality Test	-	✓	✓

	Power and Sample Size	Minitab Workspace	Minitab	EngineRoom
1	Estimate 1 Proportion	-	✓	✓
2	Estimate 1 Mean	-	✓	✓
3	1 Proportion Test	-	✓	✓
4	2 Proportions Test	-	✓	✓
5	1 Mean t Test	-	✓	✓
6	2 Means t Test	-	✓	✓
7	One-way ANOVA	-	✓	✓
8	Design of Experiments (DOE)	-	✓	✓

	Design of Experiments	Minitab Workspace	Minitab	EngineRoom
1	Two-level Full Factorials	-	✓ (2-15 factors)	✓ (2-7 factors)
2	Two-level Fractional Factorials	-	✓ (2-15 factors)	✓ (3-15 factors)
3	General Factorials	-	✓ (2-15 factors)	✓ (2-6 factors, <=5 levels each)
4	Plackett-Burman Designs	-	✓ (2-47 factors)	-
5	Response Surface Methods	-	✓ (2-10 factors)	✓ (2-5 factors)
6	Mixture Designs	-	✓ (2-10 factors)	-
7	Taguchi Designs	-	✓	-
8	Includes Power analysis in DOE design process	-	Separate tool, not integrated in DOE	✓

	Optimization	Minitab Workspace	Minitab	EngineRoom
1	Response Optimizer (Regression and DOE)	-	✓	✓

	Reliability	Minitab Workspace	Minitab	EngineRoom
1	Parametric Distribution Analysis for Right Censored Data	-	✓	Coming Soon!
2	Shelf-Life Analysis	-	✓	Coming Soon!

	Time Series Analysis	Minitab Workspace	Minitab	EngineRoom
1	Decomposition	-	✓	✓



We build software to help people make important things work better

MoreSteam enables organizations of all sizes to advance their performance by delivering powerful, scalable online training and technology for enterprise process improvement.

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