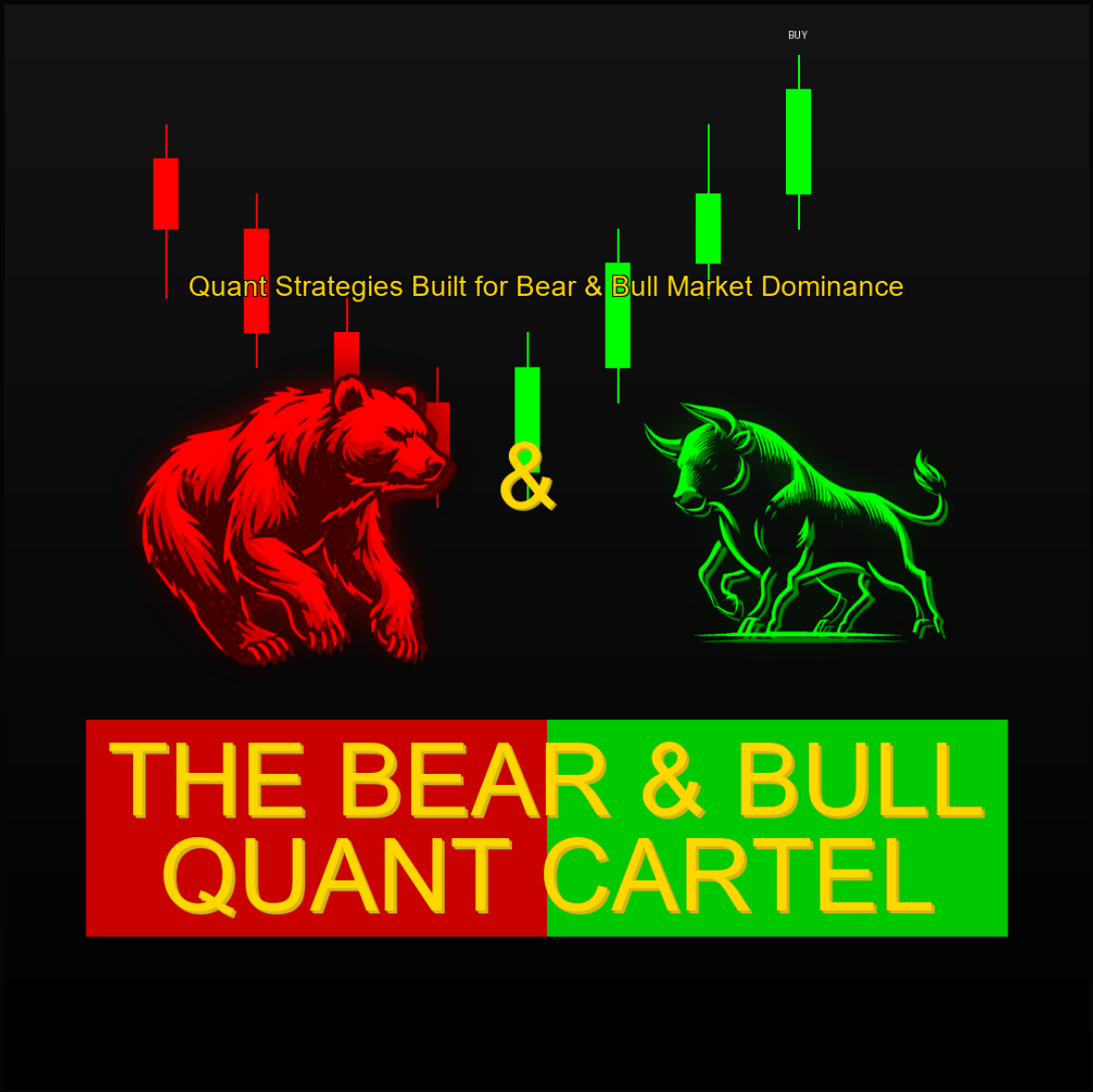

Bear & Bull EA Breakdown + Drawdown Survival Basic Guide

Robot diagnosis - cleanup plan - cleaned basket - survival rerun

Basic Guide Purpose

This guide explains how to read the EA Breakdown + Drawdown Survival Simulator as a practical workflow. It is built for traders who want to stop guessing which robots are strong, weak, dangerous, over-dependent, or worth keeping.

CHAPTER 00

Guide Map

A complete basic walkthrough of the EA Breakdown + Drawdown Survival workflow.

#	Chapter	Purpose
01	What this tool is	Why this is not just a statement viewer.
02	The workflow in one picture	Upload, breakdown, cleanup, survival, before/after.
03	Upload and parser logic	How MT4 / MT5 statements become usable trade data.
04	Starting balance integrity	Why the starting balance must be resolved correctly.
05	Symbol + magic grouping	How the tool separates robots and manual trades.
06	Robot metrics	Profit, PF, SQN, DD, underwater, streaks and return/DD.
07	Robot Health Score	A practical 0-100 structural quality score.
08	Keep / Watch / Kill	How the first decision layer should be read.
09	Outlier Dependency	Finding robots carried by only a few winner trades.
10	Robot Trust Matrix	Turning metrics into capital trust pillars.
11	Portfolio Concentration	Finding dependency on one robot, symbol or profit cluster.
12	Failure Diagnosis	Understanding why a robot is weak.
13	Survival Contributor Layer	Finding which robots damage survival most.
14	Cleanup Plan	Turning diagnosis into practical action.
15	Cleaned Basket Rerun	Testing the basket after weak robots are removed.
16	Drawdown Survival Simulator	Shuffle and bootstrap survival pressure.
17	Survival Regime	Break risk, path risk, sizing pressure and capital read.
18	Before vs After	How to judge whether cleanup really improved the basket.
19	Basic workflow checklist	What to do every time you upload statements.
20	What belongs in the paid guide	Where the advanced framework starts.

Bear & Bull principle

Most people look at profit first. I look at survival first. Profit without structure is just a temporary illusion.

CHAPTER 01

What This Tool Is

A full robot diagnosis and survival workflow, not a simple report viewer.

The EA Breakdown + Drawdown Survival Simulator is designed to answer one practical question: which robots deserve to stay inside the account, and which robots create hidden survival pressure?

A normal account statement shows totals. This tool breaks the account into its real components: every symbol, every magic number, every robot, every manual group, every damage source, and every concentration problem.

The idea is simple: before you trust a basket of EAs with capital, you need to know what each robot is doing inside the account. A profitable portfolio can still be weak if one or two robots carry all the profit, or if a few dangerous robots create most of the drawdown.

- Statement viewer = what happened.
- EA Breakdown = which robot caused it.
- Cleanup Plan = what should be removed or watched.
- Survival Simulator = what happens if the path becomes worse.
- Before/After = whether cleanup actually improved survival.

Personal View

I built this because live trading teaches you that portfolio risk is not only about one robot. It is about how all robots behave together.

Core Goal

Less guessing, more structure. The tool turns raw account history into decisions: Keep, Watch, Kill, Reduce, Remove, Rerun.

Not A Magic Button

It does not predict the future. It shows historical structure, weakness, concentration and survival pressure.

Capital Mindset

The goal is not to find the prettiest curve. The goal is to protect capital from hidden portfolio damage.

CHAPTER 02

The Workflow In One Picture

Five steps: upload, diagnose, clean, simulate, compare.

The workflow is intentionally linear. First you upload statements. Then the tool breaks the account down by robot. Then it builds the cleanup logic. After that, you rerun survival on the full basket and on the cleaned basket.

This is important because a single survival result is not enough. A basket can survive, but still contain bad robots. A cleaned basket can improve, but still be too small or too concentrated. So every step adds context.

Step	Name	Meaning
1	Upload Statement	MT4 / MT5 HTML statements are parsed into closed trades and account context.
2	EA Breakdown	Trades are grouped by symbol + magic number and robot metrics are calculated.
3	Cleanup Plan	Weak robots, outlier robots, concentration damage and survival contributors are translated into actions.
4	Survival Simulator	The selected basket is stressed with shuffled or bootstrapped trade paths.
5	Before / After	The full basket is compared with the cleaned basket to see whether cleanup removed real risk.

Key Principle

Do not jump directly to survival. First understand the robots. Survival without component diagnosis tells you the basket result, but not why the basket behaves that way.

CHAPTER 03

Upload And Parser Logic

The quality of the guide starts with the quality of the parsed statement.

The tool is built around MT4 / MT5 detailed HTML statements. Those statements contain closed trades, symbols, magic numbers, comments, profits, times, and sometimes balance events.

The parser turns this messy statement data into a structured trade table. From there, every later layer depends on clean columns like net profit, close time, symbol, magic number and source file.

This is why upload quality matters. If a statement is incomplete, missing magic numbers, missing balance events or contains strange broker formatting, the result must be interpreted with caution.

- Upload one or more detailed statements.
- Use the same account universe when comparing results.
- Avoid mixing unrelated accounts unless that is the exact portfolio you want to analyze.
- Check whether the tool can resolve starting balance and closed trades correctly.

MT4 / MT5 Statement

The input is not a screenshot. It needs real statement data so trades can be grouped and calculated.

Multiple Files

Multiple statements can be used, but they must make sense together. Otherwise the portfolio read becomes polluted.

Source File Context

The tool can keep source file context so you know where trades came from.

Data Integrity

Bad input creates bad decisions. Always check the integrity block first.

CHAPTER 04

Starting Balance Integrity

Survival simulation needs a correct account base.

Drawdown percentages and account-break logic only make sense if the starting balance is resolved correctly. If starting balance is wrong, survival pressure becomes wrong too.

The tool tries to reconstruct the real starting balance from the statement context. It does not simply sum all deposits blindly, because deposits, withdrawals and transfers can distort the account history.

For survival simulation, the starting balance is the base from which equity paths are rebuilt. The same trade sequence can look safe on a large balance and dangerous on a small one.

Problem	Why It Matters	What To Do
Missing starting balance	Drawdown % and break threshold become unreliable.	Use statements with proper account summary and balance events.
Deposits / withdrawals	Final balance alone does not show original account capital.	Use parser-derived balance logic and review the integrity block.
Mixed accounts	One starting balance may not represent all uploaded trades.	Only combine statements when they belong to the same intended portfolio read.

Real Talk

A survival simulator without correct capital context can give false confidence. Start balance is not a detail. It is the foundation.

CHAPTER 05

Symbol + Magic Grouping

This is how the tool identifies the real robots.

A robot is normally recognized by the combination of symbol and magic number. The symbol tells you the market. The magic number tells you which EA opened and managed the trade.

This is crucial when many robots trade the same symbol. Ten XAUUSD robots can be running at the same time, but each one should have its own magic number. Without that separation, the account looks like one big result instead of separate systems.

Manual trades are also important. In MetaTrader, manual trades often have no magic number or magic number 0, depending on the environment. The tool separates EA and manual groups so manual intervention does not pollute robot analysis.

symbol_magic

The practical robot key. It combines market and EA identity.

Manual vs EA

Manual trades must be separated, otherwise you may blame a robot for human decisions.

Same Symbol, Different Robots

Multiple EAs on XAUUSD can look similar, but their magic numbers reveal separate systems.

Portfolio Truth

Grouping shows who actually made money and who actually caused damage.

CHAPTER 06

Robot Metrics

The first layer of truth per robot.

After grouping, the tool calculates practical robot-level metrics. These metrics are not meant to impress. They are meant to expose structure.

Net profit is only the starting point. You also need profit factor, SQN, expected payoff, return versus drawdown, max drawdown percentage, underwater time and loss streak pressure.

A robot can be profitable and still be weak. A robot can have good profit factor and still be carried by one lucky trade. A robot can have a smooth result but stay underwater too long for real capital pressure.

Metric	What It Tells You	Basic Read
Net Profit	Total closed trade result for the robot.	Positive is required, but not enough.
Profit Factor	Gross profit divided by gross loss.	Higher is better, but sample size matters.
SQN	Average edge versus trade variation and sample size.	Quality and consistency read.
Return/DD	Net profit divided by max drawdown currency.	Efficiency of return versus pain.
Max DD %	Deepest historical percentage drawdown.	Capital pressure and account survival.
Underwater Days	Longest time below a previous equity peak.	Psychological and operational pressure.
Loss Streak	Longest consecutive losing sequence.	Emotional and sizing stress.

Important

Profit is what attracts beginners. Drawdown, recovery and survival are what decide whether the robot can stay.

CHAPTER 07

Robot Health Score

A practical 0-100 read of structural robot quality.

The Robot Health Score compresses multiple metrics into one practical quality read. It is not a prediction and not a guarantee. It is a structured diagnostic score.

The score rewards sample depth, profitability, profit factor, SQN, return/DD, controlled drawdown, controlled underwater time and reasonable loss streak behavior. It penalizes negative profit, weak PF, poor return/DD, high drawdown, long underwater periods and heavy loss streaks.

This helps you avoid one common mistake: judging robots by one metric only. A robot should not be kept only because it made money. It should be kept because the overall structure is healthy enough.

Score Zone	Label	Meaning
80-100	Strong	Robot shows strong structural quality in the uploaded history.
70-79	Good	Usable candidate, but still needs context and survival confirmation.
55-69	Watchable	Interesting but not clean enough for confident scaling.
40-54	Weak	Visible problems. Needs review before any trust.
0-39	Critical	Usually a kill or reject candidate.

Personal Rule

A score is not the final decision. It is the first warning light. The final read comes from all layers together.

CHAPTER 08

Keep / Watch / Kill

The first decision bucket, not the final truth.

Keep / Watch / Kill gives you a fast first classification. It helps you stop drowning in hundreds of robots and forces the account into decision language.

Keep does not mean full capital immediately. Watch does not mean useless. Kill does not mean the robot is evil forever. It means that based on this uploaded history, the structure does not deserve the same trust.

In practice, I use this as a first pass. Then I look at outlier dependency, trust, concentration, survival contributor pressure and cleaned basket survival.

Bucket	Meaning	Basic Action
Keep	The robot passed the first structural checks.	Keep in analysis and survival rerun.
Watch	The robot is usable but not clean enough for full trust.	Monitor, do not scale blindly.
Kill	The robot shows structural weakness.	Remove, disable, or only revisit after deeper reason.

Do Not Misread This

Keep / Watch / Kill is not ego. It is capital discipline. If a robot cannot prove structure, it does not deserve trust.

CHAPTER 09

Outlier Dependency Layer

Finding robots that survive only because of a few huge winners.

Outlier dependency is one of the most important hidden risks in EA analysis. A robot can look profitable because one, three or five trades carried the whole result.

This layer removes the best 1, best 3 and best 5 trades and checks what remains. If the robot turns negative after removing only a few winners, it is not structurally distributed. It is dependent on rare events.

That does not automatically mean the robot must die. Some trend systems naturally depend on large winners. But it does mean you must understand the logic before trusting it.

Check	Meaning	Warning Sign
Without best 1	Profit after removing the single best trade.	If it turns negative, dependency is heavy.
Without best 3	Profit after removing top 3 winners.	If the robot collapses, profit is concentrated.
Without best 5	Profit after removing top 5 winners.	Shows whether edge is spread or isolated.
Top trade dependency %	How much total profit came from the best trades.	High values mean fragile profit distribution.

Real Talk

If one trade is the reason a robot looks good, you are not looking at a stable robot. You are looking at a story that needs proof.

CHAPTER 10

Robot Trust Matrix

Turning raw performance into capital trust pillars.

The Trust Matrix asks a deeper question: does this robot deserve practical capital trust? It reads sample integrity, edge quality, risk control, recovery quality, psychology pressure and capital readiness.

This is important because a high-health robot can still be weak in trust. For example, it may have good profit but low sample depth, or strong PF but heavy underwater time.

The Trust Matrix is meant to make decisions more institutional. It moves you away from emotional attachment to one EA and toward evidence-based trust.

Sample Integrity

Do we have enough trades and time to believe the result?

Edge Quality

Is the profit coming from a real edge or from unstable randomness?

Risk Control

Does drawdown, loss streak and return/DD make sense?

Capital Readiness

Is this robot only interesting, or actually ready for small capital / demo / live?

Core Message

Trust is earned by structure, not by one nice equity curve.

CHAPTER 11

Portfolio Concentration Layer

Finding when the basket depends on too few robots or one market.

A portfolio can look diversified while still being dangerously concentrated. If one robot carries most of the profit, the portfolio is not really diversified. If one symbol creates almost all exposure, the basket is not broad.

This layer checks profit concentration, damage concentration, symbol concentration and activity concentration. It shows whether the basket is carried by many systems or secretly dependent on a small cluster.

This matters especially for EA baskets on XAUUSD. You can have 20 robots, but if they all react to the same gold movement, risk can stack fast.

Concentration Type	Question It Answers	Risk
Top robot profit share	Does one robot carry too much profit?	If removed, portfolio edge can disappear.
Top 3 robot share	Is profit spread or clustered?	High cluster = fragile portfolio.
Symbol concentration	Is one market dominating?	One shock can hit many robots together.
Damage share	Which robots created most losses?	Bad robots may be hidden behind good totals.

Portfolio Truth

More robots does not automatically mean diversification. Sometimes it only means more ways to lose the same trade.

CHAPTER 12

Robot Failure Diagnosis

Understanding why a robot is weak.

The Failure Diagnosis layer tries to explain the main weakness instead of only giving a score. This is important because not all weak robots fail for the same reason.

One robot may fail because it has negative edge. Another may fail because drawdown is too large. Another may be profitable but stuck underwater too long. Another may have outlier dependency or poor recovery.

When you understand the failure type, the next action becomes clearer. Some robots are remove candidates. Others are reduce-size candidates. Others only need more forward proof.

Negative Edge

Robot does not make money structurally in the uploaded history.

Drawdown Pressure

Profit may exist, but risk is too heavy relative to return.

Underwater Pressure

The robot can stay too long below previous peaks.

Recovery Weakness

The robot struggles to recover after loss phases.

CHAPTER 13

Survival Contributor Layer

Which robots are damaging portfolio survival the most?

This layer ranks robots by their contribution to survival pressure. It reads robot metrics, failure diagnosis, outlier dependency and concentration data to expose which robots hurt the basket before the survival rerun.

This is the bridge between diagnosis and action. Instead of only saying "this robot is weak," it asks: is this robot creating enough survival pressure that it should be removed, reduced or reviewed before capital can be trusted?

The highest contributors are the first cleanup candidates. They are the robots that usually need attention before the cleaned basket rerun.

Column / Read	Meaning	Use
Survival Contributor Score	How much pressure the robot adds to survival.	Sort highest to lowest.
Contributor Severity	Controlled, Low, Medium, High, Extreme.	Find the worst damage sources first.
Main Survival Pressure	Primary reason for survival damage.	Understand the cause, not only the score.
Capital Blocker	Whether this robot blocks serious capital trust.	Do not scale until this is solved.
First Survival Action	Recommended first action.	Remove, reduce, review, monitor or leave alone.

Personal View

This is where the tool starts acting like a risk desk. It does not care which robot you like. It shows which robot creates pressure.

CHAPTER 14

Cleanup Plan

Turning diagnosis into practical action.

The Cleanup Plan converts survival contributor data into an action route. It decides which robots should be removed, which should stay under watch, which remain as keep candidates, and what the next rerun basket should contain.

The purpose is not to delete everything. The purpose is to remove the robots that create the most pressure while keeping enough structure to retest the basket realistically.

This is important because an over-aggressive cleanup can make the basket cleaner but too small. A weak cleanup can leave too much risk inside. The goal is balance.

Cleanup Action	Meaning	Basic Use
Remove	Robot is excluded before survival rerun.	Use for Kill / extreme contributors / capital blockers.
Reduce / Test Smaller	Robot may survive only with lower exposure.	Use when edge exists but pressure is high.
Keep Under Watch	Robot remains, but no scaling yet.	Use for Watch robots and medium pressure.
Keep Candidate	Robot remains in the cleaned basket.	Use for structurally cleaner robots.

Warning

Cleanup is a historical what-if. It does not guarantee the future. It only shows whether the existing history improves when weak robots are excluded.

CHAPTER 15

Cleaned Basket Rerun

Testing the portfolio after weak robots are removed.

Once the cleanup plan exists, the tool can build the cleaned basket. This is the set of robots that remains after robots marked as Remove are excluded.

Then you run survival again on that cleaned basket. This gives you a before/after comparison: full basket versus cleaned basket.

This is one of the most valuable parts of the workflow, because it shows whether the cleanup removed real structural risk or only reduced trade count.

Original Basket

The full selected trade set before cleanup.

Removed Robots

Robots excluded by cleanup action.

Cleaned Basket

Robots that remain for the rerun.

Survival Comparison

The proof layer: did break risk, DD and underwater pressure improve?

Key Sentence

Improved does not automatically mean safe. A cleaned basket can improve a lot and still be too risky for serious capital.

CHAPTER 16

Drawdown Survival Simulator

Stress-testing the trade path instead of trusting one historical order.

The Drawdown Survival Simulator takes the selected trade set and creates many alternative paths. The goal is to see what happens when the same trades arrive in a worse order, or when trade distribution uncertainty is tested.

This is not the same as the Monte Carlo validation inside EA Studio. This tool works on real account statement trades. It is about portfolio survival based on actual closed trade history.

Two basic methods are used: Shuffle existing trades and Bootstrap with replacement.

Method	What It Does	Meaning
Shuffle existing trades	Keeps the same trades but changes their order.	Tests sequence/path risk. Total profit stays based on same trade set.
Bootstrap with replacement	Resamples trades with replacement.	Tests distribution uncertainty, not only order risk.

Simple Explanation

A strategy can be profitable in the historical order but psychologically impossible in a worse order. Survival simulation shows that pressure.

CHAPTER 17

Survival Regime

Reading break risk, path risk, sizing pressure and capital readiness.

The survival summary translates simulations into a practical verdict. The most important values are break rate, worst simulated drawdown, 95th percentile underwater time and profitable rate.

Break rate shows how often simulations crossed the account-break threshold. Worst DD shows how deep the worst path went. P95 underwater shows how long the painful paths can stay below a previous peak.

This is the part where you stop asking "did it make money?" and start asking "can I survive the path?"

Metric	Meaning	Basic Read
Break Rate %	Percentage of simulations that hit the break DD threshold.	Lower is better. High break rate = danger.
Worst DD %	Deepest simulated drawdown across paths.	Shows extreme path pressure.
P95 Underwater	95th percentile underwater period.	Shows how long the painful scenarios can last.
Profitable Rate	How many simulations end profitable.	Useful but not enough without drawdown context.

Capital Mindset

The question is not whether the basket can win. The question is whether the basket can survive long enough to let the edge play out.

CHAPTER 18

Before Cleanup vs After Cleanup

How to judge whether cleanup actually worked.

The before/after comparison is one of the clearest decision layers. It compares the original full basket with the cleaned basket after removals.

You mainly look for improvement in break rate, worst drawdown, underwater time and profitability stability. If these improve after removing weak robots, cleanup probably removed real risk.

But improvement must be interpreted carefully. If the basket improves only because many trades were removed, or if the cleaned basket becomes too concentrated, the result is not automatically safe.

Improvement	Good Sign	Warning
Break rate drops	Account-break pressure reduced.	If still high, capital is still not safe.
Worst DD drops	Path pressure improved.	If cleaned basket is tiny, result may be unreliable.
Underwater time drops	Psychological pressure reduced.	If profit collapses, cleanup may remove too much edge.
Profit remains stable	Risk removed without killing edge.	If one robot carries all profit, concentration remains.

Real Talk

A cleaned basket has to be cleaner and still meaningful. Cleaner but empty is not a solution. Cleaner and concentrated is still a risk.

CHAPTER 19

Basic Workflow Checklist

Use this every time before trusting the result.

This is the practical workflow I would use every time. Do not overcomplicate it in the beginning. The goal is repetition and discipline.

Step	Checklist Item	Decision
1	Upload MT4 / MT5 detailed statement.	Confirm parsing and starting balance.
2	Review data integrity and source file context.	Do not continue if data is unreliable.
3	Read robot overview and Keep / Watch / Kill.	Separate obvious damage from candidates.
4	Check outlier dependency.	Do not trust robots carried by one winner.
5	Check trust matrix and failure diagnosis.	Understand why robots are strong or weak.
6	Read portfolio concentration.	Find hidden dependency on one robot or symbol.
7	Build survival contributor and cleanup plan.	Prepare removal / watch / keep logic.
8	Run survival on full basket.	Save the baseline.
9	Run survival on cleaned basket.	Compare before/after.
10	Decide: keep testing, reduce size, remove more, or reject.	No emotional decisions.

Discipline

Do the same workflow every time. The edge is not only in the tool. The edge is in how consistently you use it.

CHAPTER 20

What Stays For The Paid Guide

The basic guide explains the tool. The paid guide will teach the deeper decision framework.

This basic guide gives the user enough understanding to use the EA Breakdown + Drawdown Survival Simulator properly. The paid guide should go deeper into decision-making, real case studies, allocation logic and portfolio construction.

The paid guide should not simply repeat this guide. It should become the serious framework: how to interpret conflicting layers, how to build staged capital plans, how to handle live deviation, how to decide between removing, reducing, resizing or rebuilding.

Advanced Capital Allocation

How much size a cleaned basket deserves based on survival pressure.

Robot Role Mapping

Which robots are trend runners, damage sources, diversifiers or false positives.

Live Drift Monitoring

How to compare live behavior against EA Studio, MT4, demo and statement metrics.

Case Study System

Real examples: full basket, cleanup, rerun, final decision.

Portfolio Surgery

When to remove, reduce, isolate or rebuild a robot group.

Psychology Layer

How drawdown duration, streaks and exposure stacking affect real decision-making.

Paid Guide Promise

The basic guide teaches the map. The paid guide teaches how to make hard capital decisions when the map shows mixed signals.

CHAPTER 21

Final Basic Guide Summary

The complete message in simple terms.

The EA Breakdown + Drawdown Survival Simulator is built to expose what a normal statement hides. It separates robots, identifies weak components, finds concentration, exposes outlier dependency, builds cleanup logic and tests whether the basket survives worse paths.

The basic workflow is simple: diagnose first, clean second, simulate third, compare fourth, decide last. Do not start with hope. Start with structure.

Diagnose

Robot Truth

Know what each EA actually did.

Clean

Remove Pressure

Take weak components out of the basket.

Simulate

Stress The Path

See whether the same edge survives worse order.

Decide

Protect Capital

Keep, watch, reduce, remove or reject.

Bear & Bull principle

I do not build systems for comfort. I build them to expose weakness before real capital does.

CHAPTER 22

Educational Disclaimer

Use this tool as research, not as blind permission to trade.

This guide is educational. It does not provide financial advice, investment advice, or a guarantee of future performance. Every simulation is based on uploaded historical trade data and assumptions selected by the user.

A strong survival result does not guarantee live profitability. A weak result does not prove a robot can never work. The purpose is to improve decision quality, risk awareness and portfolio discipline.

Final responsibility stays with the trader. Use demo, small capital, broker validation, live observation and disciplined risk control before scaling any EA basket.

Bear & Bull Closing Line

Look inward, not outward. The tool can show the structure, but discipline decides whether you survive it.