# Orbit the Tool: Tutorial 01



2023

# How Orbit the Tool Works – (an introduction to the prototype tool)

1. In the slides that follow, we introduce you to the fully functional Orbit prototype – different from the planned cloud based version only in terms of the limitations of the MT4 trading platform.

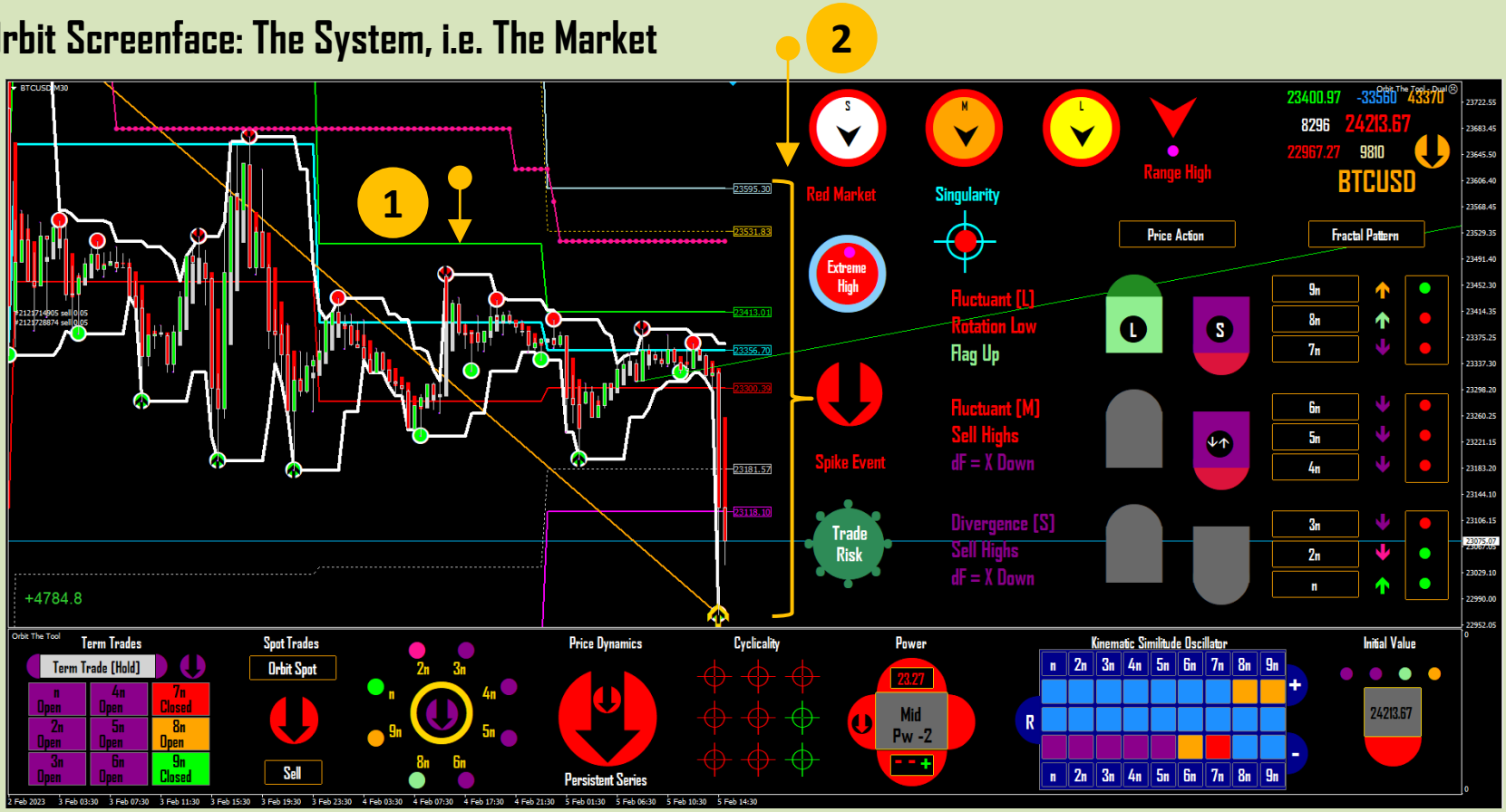
2. Our focus here is restricted to the **Interface** only, which is how a trader interacts with the tool to gain the amazing accuracy of the tool.

3. We show the various information that the tool obtains from real-time market data, processes, and how it then presents these to the trader to inform correct trade decision making in real-time.

4. The interface is unique in that it is visual, employing a graphical mode to keep the trader engaged with its accurate reading of market dynamics at all times. The planned cloud based version extends this form of presentation as well as the scope in analysis and the coverage of all trading platforms – not just the MT4, thereby reaching a much wider (more than double the current target population of traders) worldwide.

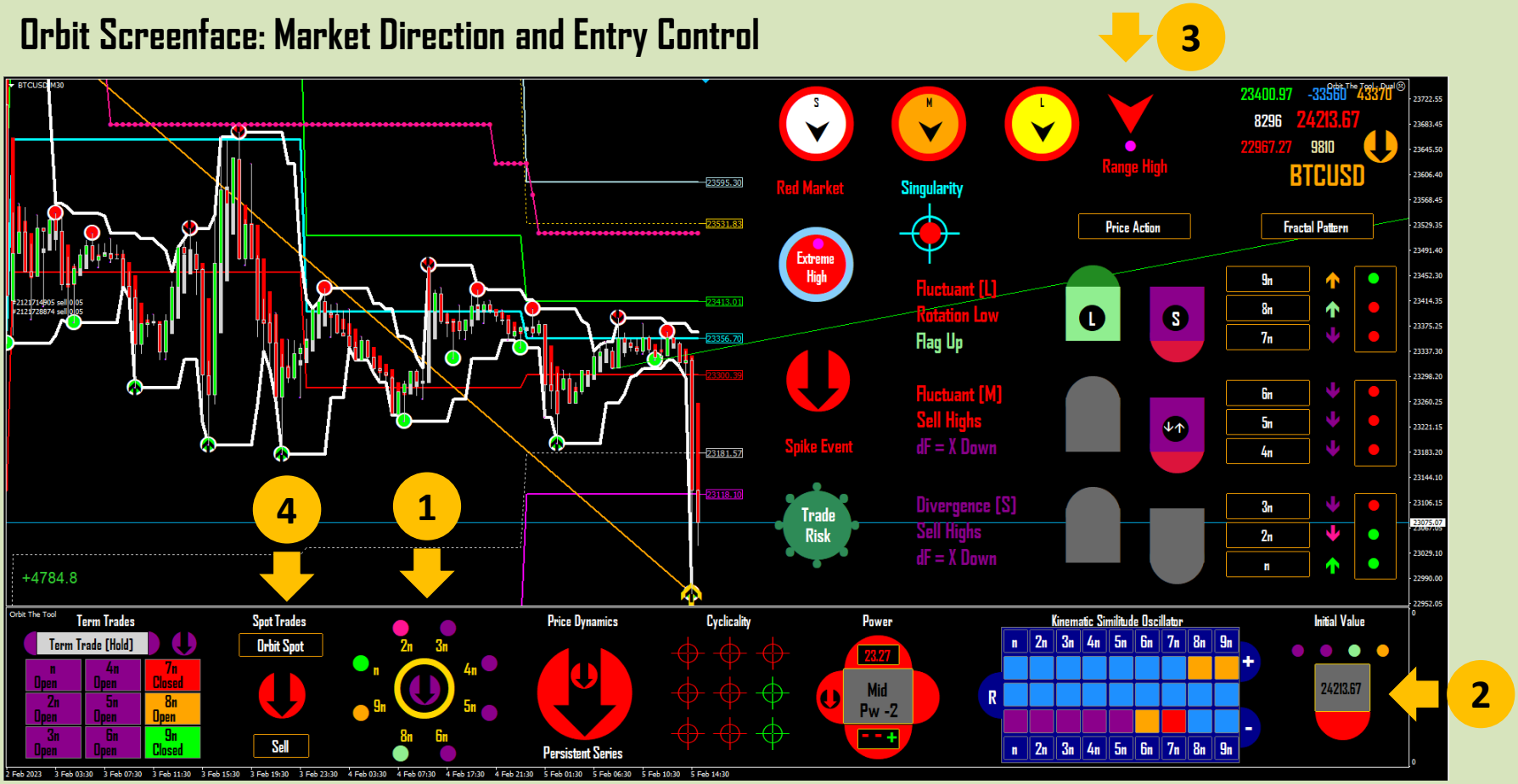
*2023*

# Orbit Screenface: The System, i.e. The Market

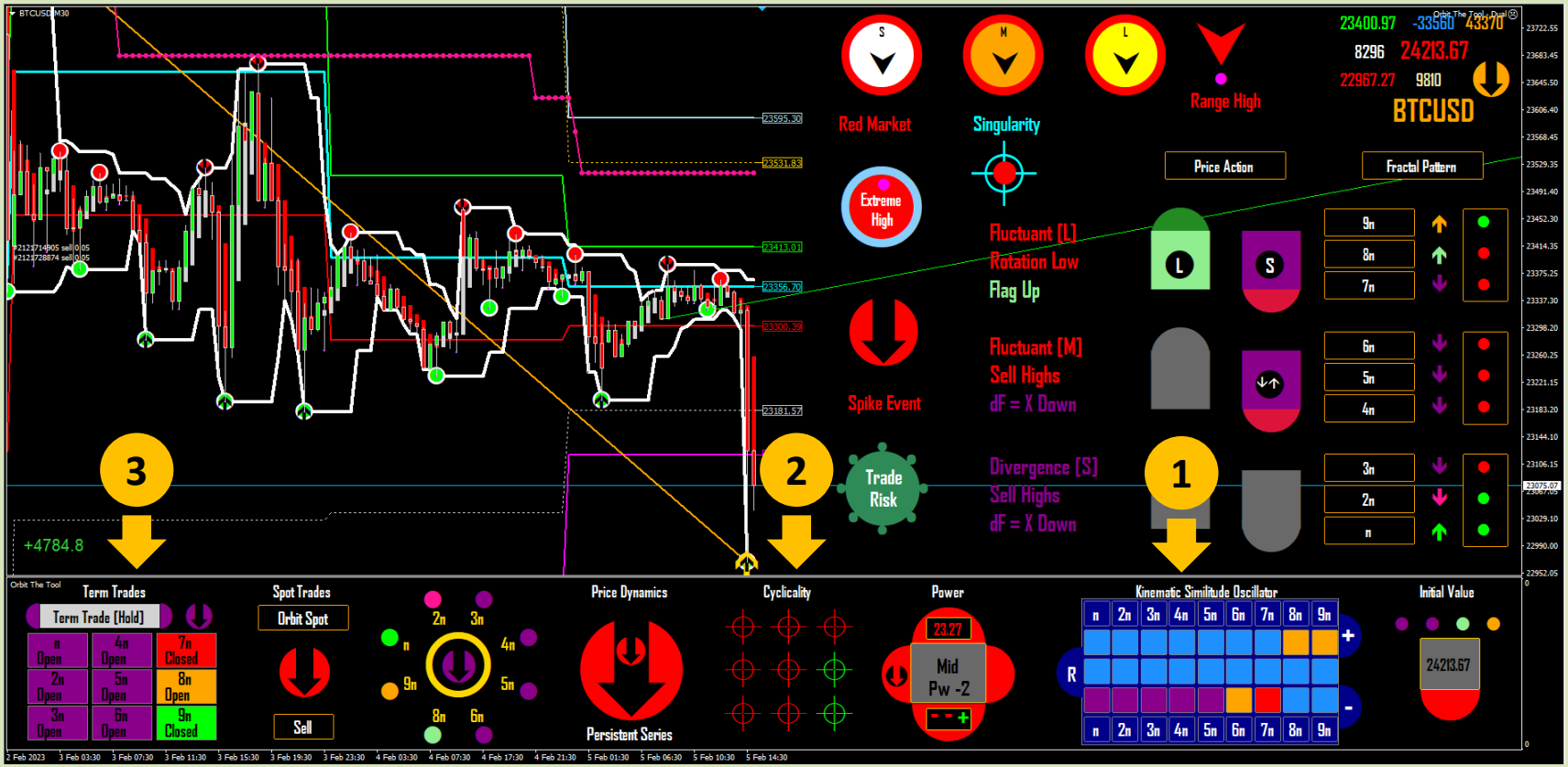



1. **Price Range:** Shows a) Stops or Pivots marked by Chaos Semaphores (flags), that visually describe price movements as **strictly** up and down in one direction at a time (bijections). b) The Semaphores are scaled 1-5 and marked differently for seniority of effect (i.e. whether they are significant or less significant as turning points for entry/exit). c) This movement is seen within white bands marking ambient space (bounded space), that constrain price to follow the up and down pattern in one and ONLY one direction only.
2. **The Mean Reversion Tool:** The setup we see in "1" is **NOT** artificial it follows a mathematical function or pattern and is the correct view of how a deterministic market works (very important). The MRI tool (a set of estimated price levels), measure the behaviour of price in this range split into a **folding** part and a **stretching** part consistent with the definition of chaos. When price is in the folding part the trader must find a pivot to enter trade. A significantly senior enough pivot in the stretching part is trade exit (take profit). After each stretching, price returns to folding to start again because price is a mean reverting variable. Therefore, price is cyclical at all scales as described here, and that is to say, from folding to stretching back to folding is a phase on any scale.

# Orbit Screenface: Market Direction and Entry Control

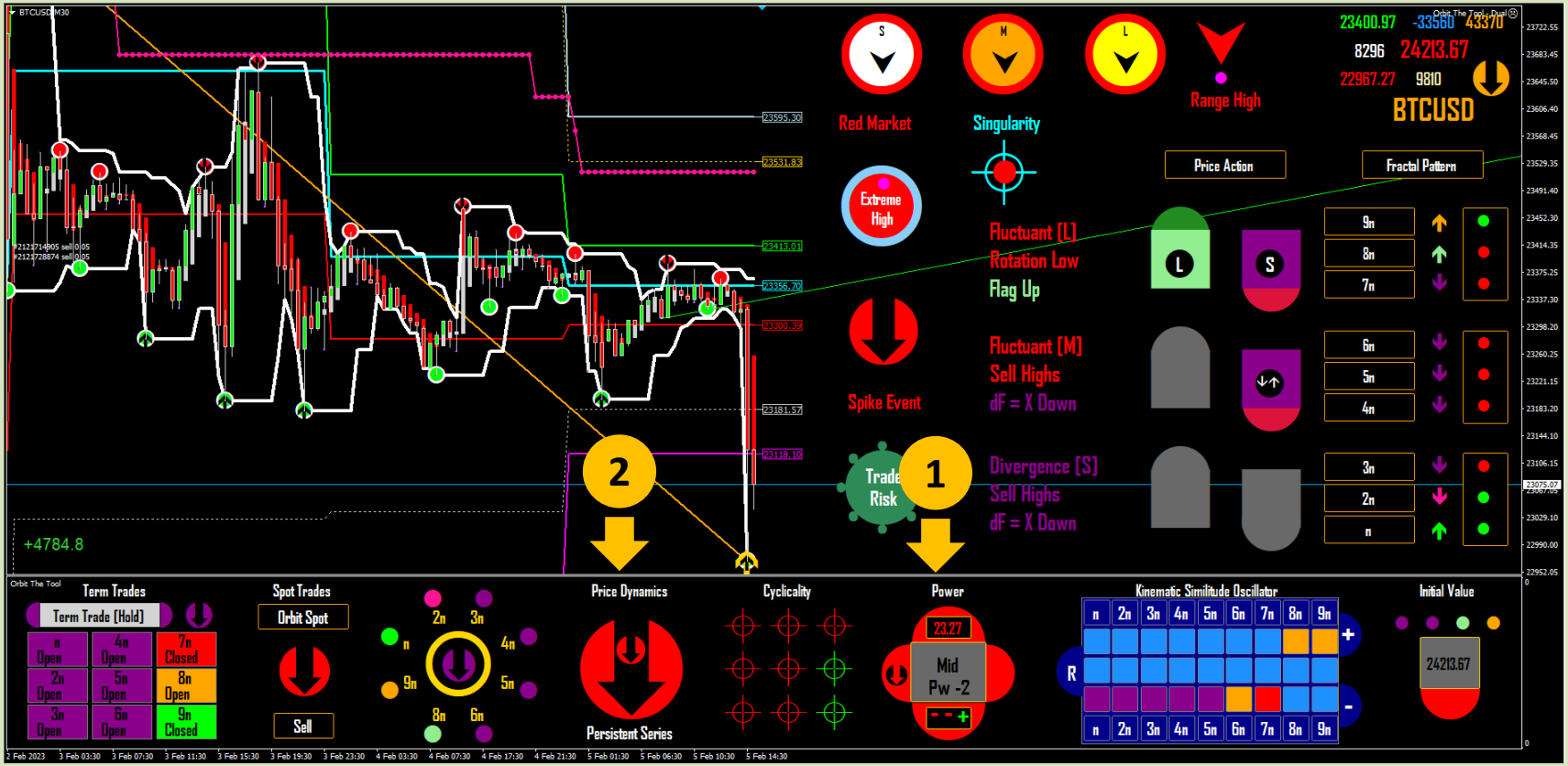

3
Red Market
Singularity
Range High
Extreme High
Price Action
Fractal Pattern
Fluctuant [L]
Rotation Low
Flag Up
Fluctuant [M]
Sell Highs
dF = X Down
Spike Event
Trade Risk
Divergence [S]
Sell Highs
dF = X Down
BTCUSD
24213.67
4
1
+4784.8
Term Trades
Spot Trades
Price Dynamics
Cyclicality
Power
Kinematic Similitude Oscillator
Initial Value
Orbit Spot
Sell
Persistent Series
Mid
Pw -2
2
1. **The Orbit Arrow:** Reads the primary direction in which an asset market is invested (i.e. the immediate trend).
2. **Initial Value:** Reads the specific turning point (point of change), and confirms invested direction.
3. **The Range Arrow:** Reads the fluctuations in the invested direction. A red Range Arrow (as in this case), reads no fluctuation but a change to green while the Orbit Arrow is red and pointing down reads a pullback.
4. **Spot Arrow:** Reads the correct timing for entry and works with **Trade Risk**. If Spot Arrow agrees with Range Arrow (as in this case), a new entry is safe (for the distance in pips/points left in range), and if it disagrees (arrow is Green), entry in direction is risky to make at that time point.

# Orbit Screenface: Market Movement Control 1



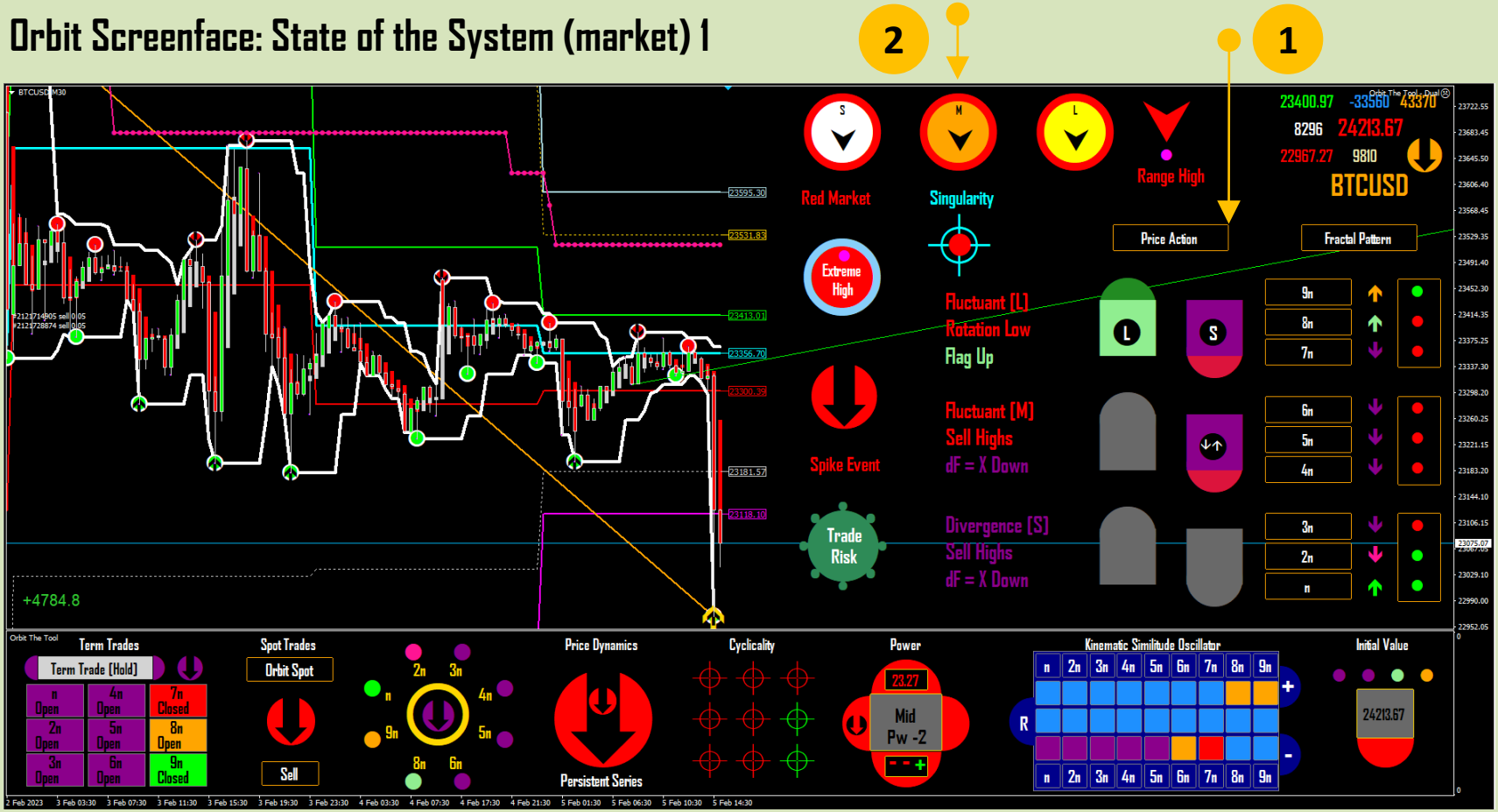

1. **The KSO:** Reads the phasing (up or down movement), per time partition until the first 6 synchronize in colour and level at high or low, i.e. KSO reads from **low** (-), (**R**), **to** (+) **high** and vice versa. Price moves in one and only one direction at a time (all partitions as a unit), therefore the KSO reads **amplitude bottom** when first 6 partitions synchronize at (-) and **amplitude top** when they synchronize at (+). Synchrony in R with green dots means price is prepared to attack highs and if red dots, lows.
2. **Cyclicality:** Reads phase coherence (strength in direction), agreement in the colour of the first 6 partitions (as in this case), assures KSO will reach amplitude low, or amplitude high where price is phased up (first 6 partitions are all green).
3. **Term Trade:** Reads volatility deviation and assures entry is correct for direction where the first 6 partitions agree in colour (as in the case here). The main Term Trade Arrow always agrees with the Orbit Arrow.

# Orbit Screenface: Market Movement Control 2



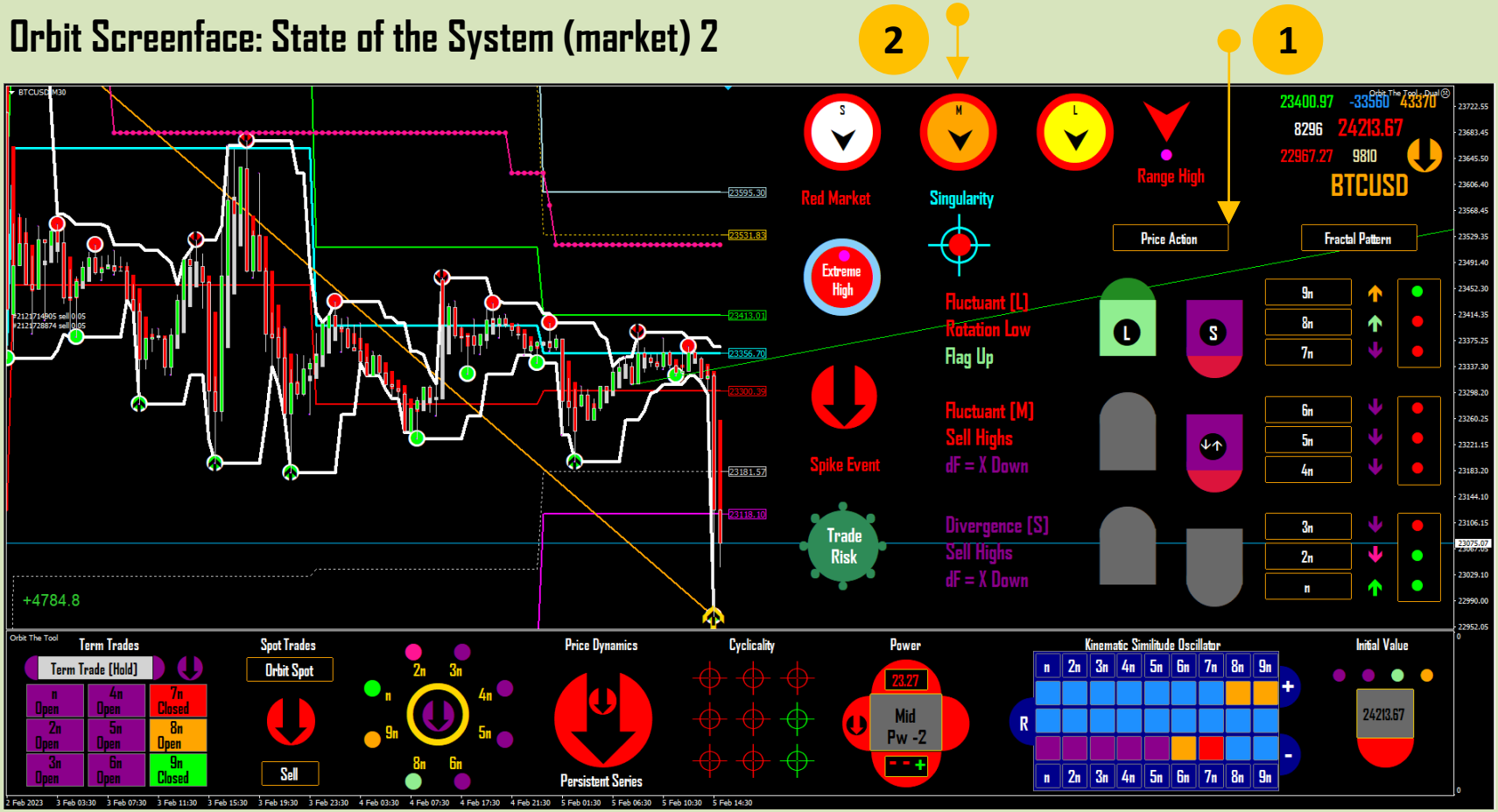

1. **Power:** Reads the summary disposition of **momentum** in direction, and the **space** (pips/points in range) to go before amplitude high or low is reached. Power at Pw -2 in this case, and space in direction (bounded space in the interval 0 – 100) at 21.27 red, favours persistence lower. 21.27 red is a long way away from 0 and Pw -2 indicates that 2 of 3 major partitions are actively selling off which means we are growing toward 3 major partitions selling off with significant space to go before we reach amplitude low (in this case).
2. **Price Dynamics:** Reads the type (and therefore the nature), of fluctuation that the market is experiencing at any time point. Chaos is defined as the repeated folding and stretching of the space to which a variable maps. So dynamics reflects 1 of 2 possibilities, either price is exponentially diverging from its last point of turn or it is folding (merely moving up and down a range going nowhere in particular and so is anti-persistent).**Type** affects how long a trader can safely hold any given trade up or down.

# Orbit Screenface: State of the System (market) 1




1. **Price Action:** Is split into **S** (Short-Term), **M** (Medium-Term) and **L** (Long-Term). Arrows point the direction and colours read the strength in that direction per term. To the left of Price Action are term letters or *strategy lines* which explain the **state** of the **system** per term given current fluctuations. To the right of the term arrows we read **Fractal Pattern** or components of the given term for strength and direction.
2. **Ordinals:** Read the sequential **order** of term dynamics from left to right (S – L+I) a) Pivots (stops) at high turn ordinals red and at low green b) Single arrow up or down points the trend in the named term c) double arrows one up and one down indicate intermittency in the term (i.e. term is not yet directed).
3. **Spike Event** points to the market objective as a low in the present case (i.e. yet to be reached). The **Flow Arrow** (top right Gold arrow) reaffirms direction and like Spike Event works with Initial Value. **Singularity** is an accurate measure of future tendency.

# Orbit Screenface: State of the System (market) 2




1. **Trading:** From all of the above, trading **s**imply involves a trader a) timing the market to when price is in **MRI** folding space b) forming a trade plan (trade idea), based on MRI levels in real-time, c) reading the indications (analysis), on the Orbit screenface in real-time and d) making an entry based on conclusions reached by the trader. A trader may also time entry based simply on changes in the **Range Arrow** (red, sell and green, buy). However, translation speeds (the time taken from a **low pivot** to **high pivot** and vice versa), are not controlled nor is the range of intervals fixed. Which more or less guarantees trade outcomes will not always be 100% even when the tool is 100% correct. As such judgement plays an important role in consistent success as does availability and present mindedness.
2. **Market Analysis:** Orbit covers all aspects of market analysis, and provides all the assessed information on the Orbit screenface in real-time and the trader (depending on his preferences and or trading style), takes a view.