

# OrderCloseBy Example:

## Scenario Setup

### Open Trades:

- 10 BUY orders @ 1.0 lot each = **10 lots total BUY exposure**
- Symbol: EURUSD
- **NET 100 pips profit = Average 10 pips per trade**
- **Total Floating Profit: \$1,000**

BUY Orders (Simple Example):

```
#12345 - 1.0 lot @ 1.0840 (in profit +10 pips) = +$100
#12346 - 1.0 lot @ 1.0840 (in profit +10 pips) = +$100
#12347 - 1.0 lot @ 1.0840 (in profit +10 pips) = +$100
#12348 - 1.0 lot @ 1.0840 (in profit +10 pips) = +$100
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#12352 - 1.0 lot @ 1.0840 (in profit +10 pips) = +$100
#12353 - 1.0 lot @ 1.0840 (in profit +10 pips) = +$100
#12354 - 1.0 lot @ 1.0840 (in profit +10 pips) = +$100
```

Current Market Price: 1.0850 (Bid) / 1.0851 (Ask)

Total: 10 pips × 10 trades = 100 pips NET

Total Profit: 100 pips × \$10/pip = \$1,000

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## Without OrderCloseBy (Standard Close All)

### What Happens:

EA closes each BUY order one by one at **current market BID price** As you dump 10 lots on the market, price drops against you

### Execution in Volatile Market:

Time: 00:00.000 - Start closing (Bid = 1.0850)

```
00:00.100 - Close #12345 at Bid 1.0850 → +10 pips = $100 ✓
00:00.200 - Close #12346 at Bid 1.0849 → +9 pips = $90 (lost 1 pip)
00:00.300 - Close #12347 at Bid 1.0848 → +8 pips = $80 (lost 2 pips)
00:00.400 - Close #12348 at Bid 1.0847 → +7 pips = $70 (lost 3 pips)
00:00.500 - Close #12349 at Bid 1.0846 → +6 pips = $60 (lost 4 pips)
00:00.600 - Close #12350 at Bid 1.0845 → +5 pips = $50 (lost 5 pips)
00:00.700 - Close #12351 at Bid 1.0844 → +4 pips = $40 (lost 6 pips)
00:00.800 - Close #12352 at Bid 1.0843 → +3 pips = $30 (lost 7 pips)
00:00.900 - Close #12353 at Bid 1.0842 → +2 pips = $20 (lost 8 pips)
00:01.000 - Close #12354 at Bid 1.0841 → +1 pip = $10 (lost 9 pips)
```

Time: 00:01.000 - All orders closed (1 second total)

## Slippage Impact:

Expected Profit: \$1,000 (100 pips total)

Actual Profit: \$550 (55 pips total)

Slippage Loss: -\$450 (45 pips lost!)

That's 45% of our profit GONE!

**Problems:** ✗Price dropped 9 pips while closing (1.0850 → 1.0841) ✗Total slippage = 45 pips across 10 orders ✗Average slippage = 4.5 pips per order ✗Lost \$450 of our \$1,000 profit! ✗ In news events, could be MUCH worse!

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## With OrderCloseBy (Hedge First Method)

### Strategy:

1. **Open 10 SELL orders** instantly at Ask (hedges all BUY positions)
2. **Profit LOCKED** - market can't touch it anymore
3. **Use OrderCloseBy** to close BUY+SELL pairs (no market execution!)

### Step 1: Hedge All Positions (0.1 seconds)

Time: 00:00.000 - Start hedging (Ask = 1.0851)

```
Open SELL #22345 - 1.0 lot @ 1.0851 (hedge for BUY #12345)
Open SELL #22346 - 1.0 lot @ 1.0851 (hedge for BUY #12346)
Open SELL #22347 - 1.0 lot @ 1.0851 (hedge for BUY #12347)
Open SELL #22348 - 1.0 lot @ 1.0851 (hedge for BUY #12348)
Open SELL #22349 - 1.0 lot @ 1.0851 (hedge for BUY #12349)
Open SELL #22350 - 1.0 lot @ 1.0851 (hedge for BUY #12350)
Open SELL #22351 - 1.0 lot @ 1.0851 (hedge for BUY #12351)
Open SELL #22352 - 1.0 lot @ 1.0851 (hedge for BUY #12352)
Open SELL #22353 - 1.0 lot @ 1.0851 (hedge for BUY #12353)
Open SELL #22354 - 1.0 lot @ 1.0851 (hedge for BUY #12354)
```

Time: 00:00.100 - All hedges placed

### Magic Moment - Profit LOCKED:

Each pair:

BUY @ 1.0840 + SELL @ 1.0851 = +11 pips locked


10 orders × 11 pips = 110 pips TOTAL LOCKED

110 pips × \$10 = \$1,100 LOCKED!

Wait, we gained 10 pips?

Yes! The Ask price (1.0851) gave us 1 extra pip per trade

(10 pips from entry + 1 pip spread = 11 pips per trade)

**Result After Hedging:**  Net exposure = **ZERO** (10 BUY + 10 SELL = flat)  Profit  
**LOCKED at \$1,100**  Market crashes 50 pips? **Doesn't matter!**  Market rallies 50 pips?  
**Doesn't matter!**  You're 100% hedged! 

## Step 2: Close Using OrderCloseBy (0.2 seconds)

Time: 00:00.200 onwards

```
OrderCloseBy(12345, 22345) → +11 pips realized, instant
OrderCloseBy(12346, 22346) → +11 pips realized, instant
OrderCloseBy(12347, 22347) → +11 pips realized, instant
OrderCloseBy(12348, 22348) → +11 pips realized, instant
OrderCloseBy(12349, 22349) → +11 pips realized, instant
OrderCloseBy(12350, 22350) → +11 pips realized, instant
OrderCloseBy(12351, 22351) → +11 pips realized, instant
OrderCloseBy(12352, 22352) → +11 pips realized, instant
OrderCloseBy(12353, 22353) → +11 pips realized, instant
OrderCloseBy(12354, 22354) → +11 pips realized, instant
```

Time: 00:00.300 - All 20 orders closed (300ms total)

### How OrderCloseBy Works:

Internal netting calculation per pair:

BUY entry: 1.0840

SELL entry: 1.0851

Difference: 0.0011 = 11 pips

No market execution needed!

Both orders closed internally

Commission calculated

Done!

**Final Result:**  Zero slippage (no market execution)  Total realized: **\$1,100** (110 pips)   
**Gained \$100 extra** vs expected!  **\$550 MORE** than standard close!

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## Side-by-Side Timeline

### Standard Close:

```
00:00.000 - Profit: $1,000 (100 pips)
00:00.100 - Profit: $990 (losing...)
00:00.200 - Profit: $970 (still losing...)
00:00.300 - Profit: $940 (price falling...)
00:00.400 - Profit: $900 (panic!)
00:00.500 - Profit: $850
00:00.600 - Profit: $790
00:00.700 - Profit: $720
00:00.800 - Profit: $640
```

00:00.900 - Profit: \$560  
00:01.000 - FINAL: \$550 (only 55 pips left!)

Lost \$450 to slippage (45% of profit GONE!)

### **OrderCloseBy:**

00:00.000 - Profit: \$1,000 (100 pips)  
00:00.100 - LOCKED: \$1,100 (110 pips) ← SAFE!  
00:00.150 - Market drops 10 pips (doesn't affect us)  
00:00.200 - Closing pairs via OrderCloseBy...  
00:00.300 - FINAL: \$1,100 (110 pips realized!)

Gained \$100 vs expected  
Saved \$550 vs standard close  
TOTAL ADVANTAGE: \$550!

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## **Real-World Scenario: News Event**

**Situation:** NFP (Non-Farm Payroll) report coming in 10 seconds

- You have \$1,000 profit (100 pips net)
- Market can swing 50+ pips instantly
- You want to close and protect your profit

### **Without OrderCloseBy:**

NFP releases → Market drops 30 pips in 2 seconds  
You're still closing orders...  
Price at 1.0820 now (was 1.0850)  
Your \$1,000 profit becomes -\$200 LOSS!  
DISASTER: \$1,200 swing against you!

### **With OrderCloseBy:**

NFP releases → You already hedged!  
Market drops 30 pips → Doesn't matter!  
All positions locked at \$1,100  
OrderCloseBy completes closing  
Final: \$1,100 profit SAFE

You kept your profit during extreme volatility!

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# Cost-Benefit Analysis

## Standard Close Method:

Original Profit: \$1,000  
Slippage Loss: -\$450  
Commission (10 orders): -\$20  
NET PROFIT: \$530

Profit Kept: 53%

## OrderCloseBy Method:

Original Profit: \$1,000  
Spread Bonus: +\$100 (hedging at Ask)  
Slippage Loss: \$0  
Commission (20 orders): -\$40  
NET PROFIT: \$1,060

Profit Kept: 106%

**Difference: +\$530 (100% MORE profit!)**

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## Summary Table

Metric	Standard Close	OrderCloseBy	Winner
Starting Profit	\$1,000	\$1,000	-
Slippage	-\$450	\$0	<b>OrderCloseBy +\$450</b>
Spread Effect	\$0	+\$100	<b>OrderCloseBy +\$100</b>
Commission	-\$20	-\$40	Standard -\$20
Final Profit	<b>\$530</b>	<b>\$1,060</b>	<b>OrderCloseBy +\$530</b>
% Profit Kept	53%	106%	<b>OrderCloseBy 2x better!</b>
Time	1.0 sec	0.3 sec	<b>OrderCloseBy 3x faster</b>
Risk During Close	HIGH	ZERO	<b>OrderCloseBy safer</b>

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## Key Takeaway

Starting with \$1,000 profit (100 pips):

### Standard Method:

- ✘Lost \$450 to slippage (45% gone!)

- ✗Final profit: \$530 only
- ✗High risk during close
- ✗Slow (1 second)

### **OrderCloseBy Method:**

- Zero slippage
- Gained \$100 bonus from spread
- Final profit: \$1,060 (6% MORE than started!)
- Zero risk (locked immediately)
- Fast (0.3 seconds)

**Result: You kept \$530 MORE profit using OrderCloseBy!**

That's **DOUBLE THE PROFIT** compared to standard closing!

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## **When OrderCloseBy Saves You The Most**

### **Small Profit + Volatile Market:**

- Your \$1,000 can become \$500 or less with slippage
- **OrderCloseBy protects it completely**

### **Large Profit + News Event:**

- Your \$10,000 profit is at risk
- One bad tick can cost you \$1,000+
- **OrderCloseBy locks it in instantly**

### **Many Orders + Thin Liquidity:**

- Each order you close moves the market
  - Slippage compounds quickly
  - **OrderCloseBy closes internally (no market impact)**
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## **Conclusion**

With just **100 pips net profit across 10 trades**, OrderCloseBy:

- **Saved \$450** in slippage
- **Gained \$100** from spread effect

- **Protected \$1,060** total profit
- **Doubled** your final profit vs standard closing

**The bigger your position and the more volatile the market, the more OrderCloseBy saves you! 📈💰**

This is why professional traders ALWAYS hedge before closing large positions!