



EU LIQUIDITY	ALGO	DESCRIPTION	TIPS
	<b>SHADOW</b>	Non-displayed liquidity seeking. Will only trade lit with a minimum participation rate.	Reducing aggression will target lower impact liquidity.
	<b>PASSIVE</b>	Work with minimal impact.	Ideal for small orders <1% ADV with no short-term momentum. This strategy may be opportunistic.
	<b>NINJA</b>	Active liquidity aggregation with minimal footprint.	Aggression controls venue selection and part rate. Ninja does not post lit, minimising signalling.
	<b>ICE NINJA</b>	Dynamic liquidity capture.	Ninja functionality with dynamic posting of icebergs. Better for wide spread and emerging market names.
	<b>IN LINE</b>	Work within a volume range and attempt to beat the strike price.	A wider participation range should improve performance.
	<b>PART</b>	Participate at specific percentage of volume.	Scaling functionality available. Tracks consolidated lit volume.
	<b>VWAP</b>	Spread order to match the forecast volume profile.	The default is that VWAP will include open and close auctions.
	<b>TMX</b>	Time slice is designed to trade an order at a linear rate.	Amount placed in auctions is proportional to the auction duration.
	<b>WOW</b>	Would or Work is aggressive around the strike, POV if the stock moves away.	A suitable alternative to SDMA for automated flow.
	<b>INTRADAY STRIKE</b>	Minimise deviation from an intraday strike price.	Custom set up required. Can also target intraday primary auction.
	<b>PEG</b>	Maximise spread capture, by remaining on the passive touch.	Adding a minimum participation rate may force the algo to cross the spread.
	<b>SDMA</b>	Direct access to the Smart Order Router	Supports Iceberg, Stop-loss and Stop-limit functionality.
	<b>SMART MOC</b>	Target the close, will start early if necessary.	Send after the close, with limit of the close price to target Trade-at-Last.

■ Lit Post    ■ Lit Take  
■ SI    ■ Periodic  
■ Conditional    ■ Dark

### MULTI SECURITY STRATEGIES

<b>CASH/ PORTFALL</b>	Portfolio level cash and residual management.	Sector and beta neutrality can be controlled.
<b>PAIRS</b>	Ratio, Spread and Merger Arb pair trading strategies.	Aggression controls spread capture and rate of participation.
<b>Custom 1 / 2</b>	Can be mapped to any alternative Bernstein strategy.	

### PARAMETERS

Bernstein's advanced parameter set includes Would-lit and Would-dark controls, cash balancing across single security strategies, relative pricing, auction controls. Please see the full algo guide for strategy specific parameters.

### COUNTRY COVERAGE

	PT	ALGO	T+? <sup>1</sup>	ID <sup>2</sup>	Drk <sup>3</sup>	Cond <sup>4</sup>	TAL <sup>5</sup>		PT	ALGO	T+? <sup>1</sup>	ID <sup>2</sup>	Drk <sup>3</sup>	Cond <sup>4</sup>	TAL <sup>5</sup>
<b>AMERICAS</b>								<b>MIDDLE EAST</b>							
Brazil	●	●	2	Y				Bahrain	●	●	2	Y			
Canada	●	●	1		Y	Y		Israel	●	●	2		Y		
Chile	●	●	2	Y				Kuwait	●	●	3	Y			5
Colombia	●	●	3	Y				Morocco	●	●	2	Y			
Mexico	●	●	1				8	Oman	●	●	2	Y			
Peru	●	●	2	Y				Qatar	●	●	3	Y			5
United States	●	●	1		Y	Y		Saudi Arabia	●	●	2	Y		Y	10
<b>EUROPE</b>								<b>AFRICA</b>							
Austria	●	●	2		Y	Y	10	Egypt	●	●	2	Y			
Belgium	●	●	2		Y	Y	5	South Africa	●	●	3				5
Czech Rep.	●	●	2		Y	Y	10	<b>FAR EAST</b>							
Denmark	●	●	2		Y	Y	10	Australia	●	●	2		Y	Y	10
Finland	●	●	2		Y	Y	5	China Connect	●	●	0	Y			
France	●	●	2		Y	Y	10	China B	●	●	3	Y			
Germany	●	●	2		Y	Y	10	Hong Kong	●	●	2		Y	Y	
Greece	●	●	2				10	India	●	●	1	Y			30
Hungary	●	●	2		Y	Y	10	Indonesia	●	●	2		Y	Y	15
Ireland	●	●	2		Y	Y	10	Japan	●	●	2		Y	Y	
Iceland	●	●	2					Malaysia	●	●	2				10
Italy	●	●	2		Y	Y	7	New Zealand	●	●	2			Y	
Netherlands	●	●	2		Y	Y	5	Pakistan	●	●	2				15
Norway	●	●	2		Y	Y	5	Philippines	●	●	2		Y		10
Poland	●	●	2		Y	Y	5	Singapore	●	●	2		Y		10
Portugal	●	●	2		Y	Y	5	South Korea	●	●	2	Y			30
Romania	●	●	2				10	Taiwan	●	●	2	Y			60
Slovenia	●	●	2					Thailand	●	●	2			Y	
Spain	●	●	2		Y	Y		Vietnam	●	●	2			Y	15
Sweden	●	●	2		Y	Y									
Switzerland	●	●	2		Y	Y	10								
United Kingdom	●	●	2		Y	Y	5								

<sup>1</sup> Settlement cycle, days, red indicates it is difficult to amend settlement dates

<sup>3</sup> Non-lit liquidity available

<sup>2</sup> ID required, algo set up requires custom work to submit IDs.

<sup>4</sup> Conditional liquidity available

<sup>5</sup> Trade-At-Last trading, number of minutes post auction completion