

# SEE Link Connecting Markets

Iliyan Dimitrov Corporate Development, BSE-Sofia Belgrade, March 15, 2016





Benefits Concept

Market Data Op

Opportunities

Upcoming Events

Sub-Projects

Next Step

# PRESENTATION STRUCTURE

- **Description and milestones of the SEE Link Project**
- Benefits of the Project for the Exchanges and Market Participants
- **Project's Concept and System Characteristics**
- **Market Distribution Concept and specifics**
- **Front-End Application WHALE**
- **SEE Link Indices**







#### **HISTORICAL MILESTONES**









Introduction	Benefits Concept	Market Data	FEA	Indices	Upcoming
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- Easy access to multiple markets
- Common platform rules
- Standardized interface
- Low regulatory prerequisites
- No initial participation fees
- No usage-based fees in the first years
- Potential for post-trading linkup







#### HOW TO BECOME A MEMBER

http://www.see-link.net/publications/36

















ACCOUNTS





PARTICIPANTS





#### **FRONT-END APPLICATION**









troducti	on E	Benefits	Concept Mar	ket Data	FEA	Ir	ndices	Upco	ming	
Driginating or	der 🗙									
New orde	er 🔞 Cano	el orders	🥩 Request status 🛛 🚯 Selec	t all 😑 Dese	lect all 🛛 😭 E	xport				
Selected O	rder number	Status	Destination	Executing broke	er	B/S	Symbol	ISIN	Security	Quantity
$\checkmark$	3125	NEW	Bulgarian Stock Exchange - Sofia	Evolve 1		Buy	3ZL	BG11ZLVAAT14	Zlatni Pyasatsi AD-Varna	1
$\checkmark$	3126	NEW	Bulgarian Stock Exchange - Sofia	Evolve 1		Buy	3ZL	BG11ZLVAAT14	Zlatni Pyasatsi AD-Varna	1
$\checkmark$	3127	NEW	Bulgarian Stock Exchange - Sofia	Evolve 1		Buy	50DE	BG11KOVABT17	Odessos Shiprepair Yard A	
$\checkmark$	3128	PENDING C	Bulgarian Stock Exchange - Sofia	Evolve 1		Buy	1VX	BG1100010104	Velgraf Asset Management	., i
$\checkmark$	3129	NEW	Bulgarian Stock Exchange - Sch	ew Orde	er	Add	new o	order in t	he bottom det	ail
$\checkmark$	3130	PENDING C	Bulgarian Stock Exchange - Sofia	Evolve 1		sect	ion of	form <sup>03141</sup>		
$\checkmark$	3131	NEW	Bulgarian Stock Exchange - Collo	EVOIVE 1		Duy	JALU	001100010000	Albend an each blang Abran	
$\checkmark$	3132	NEW	Bulgarian Stock Exchange - SCa	ncel Or	ders	Sen	d canc	el order	request for	
$\checkmark$	3133	NEW	Bulgarian Stock Exchange - Sofia			مام	cted o	rders to	execution brok	or
$\checkmark$	3134	NEW	Bulgarian Stock Exchange - Sofia			Buy	OPH	BG1100003141	Phoenix Capital Holding AD	2
$\checkmark$	3135	NEW	Bulgarian Stock Exchange - Sc	equest S	Status	Sen	d orde	r reques	t status for sele	ected
$\checkmark$	3136	NEW	Bulgarian Stock Exchange - Sofia	Evolve 1		ord	ors to	execution	Volgraf Asset Management	
$\checkmark$	3137	NEW	Bulgarian Stock Exchange - Sofia			Buy -	321.	BG11ZLVAA114	Zlatni Pyasatsi AD-Varna	
$\checkmark$	3138	ON MARKET	Bulgarian Stock Exchange - SSe	elect all		Sele	ect all o	orders in	the list AD-Varna	
$\checkmark$	3140 <mark>F</mark>	PARTLY FIL	Bulgarian Stock Exchange - Sofia	Evolve 1						
$\checkmark$	3141	NEW	Bulgarian Stock Exchange - Sc	eselect	all	Des	elect a	Il orders	in the list of the	
$\checkmark$	3142	NEW	Bulgarian Stock Exchange - Sofia	Evolve 1		Buy	53B	BG11BIPEAT11	Biovet JSC-Peshtera	
$\checkmark$	3143	ON MARKET	Bulgarian Stock Exchange - So	port		Fxp	ort a li	st of sele	cted orders to	
$\checkmark$	3150	NEW	Bulgarian Stock Exchange - Sofia	Evolve 1		Buy •		BG1100010104	Velgraf Asset Management	
$\checkmark$	3153	EXPIRED	Bulgarian Stock Exchange	Evolve 1		Exce	331	BG11SLNEAT	Slanchev Bryag AD-Sla	
$\checkmark$	3155	EXPIRED		Evolve 1		Buy	3CZ	BG11000251	CEZ Distribution Bulgari	1
$\checkmark$	3157	NEW	Bulgarian Stock Exchange - Sofia	Evolve 1		Buy	53B	BG11BIPEAT11	Biovet JSC-Peshtera	
$\checkmark$	3158	NEW	The Zagreb Stock Exchange	Evolve 1		Buy	INGR-R-A	HRINGRRA0001	Ingra d.d redovne dionice	



Introduction	Benefits	Concept	Market Data	FEA	Indices	Upcoming		
<u>N</u> ew orde	r 💾 Save 🗔 A Buy	2		Trade	Execution time	Quantity	Price	Trade
Symbol:	PIVK-R-A	ISIN: HRPIV	KRA0007	•••	3.1.2016 11:03:11 3.1.2016 11:03:58	5	10,0000	
Market: Exec. broker: Account: Quantity: Min. quantity: Order type: Validity: Reference:	ZSE_EVI Evolv	agreb Stock Exch e 1 0 Display qty.: Price: Stop price:	Connected		Save Abort Chang Cance	Order t ge order el Order est Status		



Introduction	Benefits	Concept	Mark	et Data	FEA	Indices	Upcoming
	NEW		1	- exec market		rtner didn't	place the order on the
	ON MARKET		(	order v	vas place	ed on the m	arket by executing martner
	PARTLY FILLED		(	order v	vas parti	ally execute	ed
	FILLED		(	order v	vas com	pletely exec	cuted
	PENDING REPLACE		i	awaitin	g chang	e confirmati	ion by execution partner
	EXPIRED		i	the ord	ler has e	xpired	
	PARTLY EXPIRED		(	order v	vas parti	ally execute	ed and then expired
	REJECTED		1	the exe	ecution p	artner has	rejected your order
	PENDING CANCEL		i	awaitin	g cancel	confirmatio	on by execution partner
	CANCELED			order v	vas canc	eled	
	PART. CANCELED		(	order v	vas parti	ally execute	ed and then canceled
	ERROR			there is adminis	•	em with the	e order - contact



troduction	Benefits	Concept	Market Data	FEA	lı	ndices	Upcoming	
			Trades					
			🗌 Add trade 🛛 🖓 C	orrect 📔 Save	e 🕞 Al	bort 🛛 🛞 Ca	ncel trade	
			Execution time: 26.01	.2016 15:17:03	•			
			Ticket: 1155	664				
			Quantity: 43		Price:	101,0000		
			Trade value: 4.343	3,00	Interest:			
				Execution time			Quantity	
			26	5.1.2016 15:17:03			43	

Add Trade Save Abort Correct Trade Cancel Trade



Introdu	ction	Benefi	ts Co	oncept	Market Data	FEA	Indic	es	Upcom	ning		
Order overvie Advanced ser Side: Order status:			ds Entry date: Symbol: Market: Exec. broker:	exactly on vertication verticatio vertication vertication vertication vertication verticat		id 27.01.2016	-	Market Limit Stop Stop limi Day (def Good Til Immedia Fill Or K	ault) I Cancel te Or Cance		Find	
Order number:			Orig. broker:					Good Til	Date			
Order number	Status	Destinatio	n	Or	riginating broker	Executing brok	er	B/S	Symbol	ISIN	Security	
3156	NEW	Macedonia	an Stock Excha	nge AD Ev	volve 1	Evolve 2		Buy	TIGA	MKTIGA101011	Tigar Kriva Palanka	

- The form enables users to view and search their orders.
- It can be used by originating and executing brokers and shows active and historic orders.
- Filters allow users to limit the listed orders by status, financial instrument, market, originating broker, executing broker and other criteria.



Introduc	ction	Benefits	Conce	ept N	1arket Data	FEA		Indic	es	Upcon	ning		
Trade overvi	iew Or	riginating order	Order overv	iew Eve	cuting order	Originating or	ler Ma	rket data	x				
Symbol 🔻	Security	iginaung order	ISIN	Market	Market segme			Best bid		Best offer gty	Last trade	Last trade gty	Last trade ti
oymool .	Jecumey		1011	THUR INC.	Harket begine	int best b	a quy	Destand	best offer	best oner quy	Lust a duc	cust a due quy	East a dat a
TNPL-R-A	Tankerska p	plovidba d.d r	HRTNPLRA000	3 XZAG	Regular Marke	et	10 6	12,0200	671,0000	3			
THNK-R-A		l redovne dio			Regular Marke			, 70,0000	1.200,0000	1.220			
SKK	Sirma Group	p Holding JSC	BG1100032140	XBUL	Standard Equ	ity	100	1,1450	1,1650	525	1,1650	200	9:10:26
RHMF-A-A	Ministarstvo	o financija Repu	HRRHMFAA000	3 XZAG	MTF-FORTIS	24	9.996 9	95,0000	102,0000	39.172			
KOKA-R-A	Koka d.d	redovne dionice	HRKOKARA000	9 XZAG	Regular Marke	et	60 3	33,5600	85,0000	200			
FNOI-D-187A	Fond za na	knadu oduzete i	HRFNOID 187A	7 XZAG	ST - Official M	arket 9	9.500	70,0000	100,0000	200			
BLJE-R-A	Belje d.d. D	arda - redovne	HRBLJERA000	2 XZAG	Regular Marke	et	88 3	30,0000	100,0000	100			
6A6	Advance Te	errafund REIT-S	BG1100025052	2 XBUL	Special Purpos	se	600	2,0410	2,0700	3.823	2,0700	287	9:11:52
5PET	Petrol AD-S	ofia	BG11PESOBT1	3 XBUL	Standard Equi	ity	273	0,5160	0,5300	400	0,5300	50	9:10:25
1													
Market dep										cap (SKK)	)		
Total bid		Bid qty	Bid	Offer	Offer qty	Total offer qt			Tim		Quantity	Price	
	100	100	1,15	1,17	525	52			9:10:	26	200	1,1650	
	500	400	1,14	1,17	300	82							
	700	200	1,14	1,17	300	1,12							
	. 100	400	1,14	1,18	680	1.80							
1.	.967	867	1,14	1,18	500	2.30	5						
Average bu	iv / sell pric	re (SKK)											
							Description						
🔘 Buy 🖯 :	Jeli P	iace Quantit	ty:	A	vg. px:		Remaining:						



Introdu	ction	Benef	its Conce	pt Market Data	FEA	Indices	Upco	oming		
Trade overvie Advanced set Side: Order number: Reference:	arch: A	Adjoin reco	Trade date: last		and 27.01.2016 and 27.01.2016	-			Fi	nd
	Canceled		Market:			-				
Order number	B/S	Symbol	ISIN	Security	Quantity	Price	Value	Accrued interest	Trade time	Mar
3159	Buy	3ZL	BG11ZLVAAT14		15	110,0000	1.650,00		26.1.2016 10:13:52	Bulg

- The form enables users to view and search their trades.
- It can be used by originating and executing brokers and shows active and historic trades.
- Filters allow users to limit the listed orders by time period of the trade, time period of order, financial instrument, market, originating and exececuting broker, specific order number and by order reference.



FEA

Upcoming



**Benefits** 

• **Password management** is designed to change the password.

Indices

- Layout present is intended for storage and loading the display settings of the application windows.
- Security groups are financial instrument collections, that can be used for filtering data on different forms.



#### **SECURITY GROUPS**

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Upcoming

6	🔁 Add 🌘	Remove 🛛 💿 Sav	/e changes 🛛 🛞 Cancel cha	inges						
	Security Groups									
	Name Enabled									
	popular			$\checkmark$						
۲	Interesting			$\checkmark$						
				Grou	up Secur	ities				
	Symbol	ISIN	Name	Ma	arket c	Market name	Segment	Segment name	Included	
٩										
	5ALB	BG1100046983	Albena Invest Holding AD-Al	хв	UL	Bulgarian Stock Exc	Standard	Standard Equity Se		
	53B	BG11BIPEAT11	Biovet JSC-Peshtera	XB	UL	Bulgarian Stock Exc	Standard	Standard Equity Se		
	3ZL	BG11ZLVAAT14	Zlatni Pyasatsi AD-Varna	XB	UL	Bulgarian Stock Exc	Standard	Standard Equity Se		
	0PH	BG1100003141	Phoenix Capital Holding AD-	хв	UL	Bulgarian Stock Exc	Standard	Standard Equity Se		
	1VX	BG1100010104	Velgraf Asset Management .	хв	UL	Bulgarian Stock Exc	Standard	Standard Equity Se		
	3CZ	BG1100025110	CEZ Distribution Bulgaria AD	хв	UL	Bulgarian Stock Exc	Standard	Standard Equity Se		
	50DE	BG11KOVABT17	Odessos Shiprepair Yard AD	ХВ	UL	Bulgarian Stock Exc	Standard	Standard Equity Se		
	7TH	BG1100008074	Tchaikapharma High Quality	хв	UL	Bulgarian Stock Exc	Standard	Standard Equity Se		
	R8I	BG1100021127	Reserve Capital REIT-Sofia	XB	UL	Bulgarian Stock Exc	SPV	Special Purpose Veh		
	55E	BG11ELSOVT13	IHB Electric AD-Sofia	XB	UL	Bulgarian Stock Exc	Standard	Standard Equity Se		
Þ	3JR	BG11SOSOBT18	Sopharma AD-Sofia	XB	UL	Bulgarian Stock Exc	Premium	Premium Equity Seg	$\checkmark$	

**Security groups** are financial instrument collections, that can be used for filtering data on diferent forms.

Settings	Market data	х	Originatir	ng order		
Symbol	Security			ISIN	Market	Market segment
	popular	<b>^</b>				
	Interesting	IN L				
5ALB		li	ng AD	BG1100046983	3 XBUL	Standard Equity
53B	(Custom)	a na	a	BG11BIPEAT11	XBUL	Standard Equity
177	0EA			DOMESTICA AT 17	MOLU.	or a stand market

The use of "Security Groups" is possible in all the masks showing the Symbol or Security or ISIN.



## Introduction Benefits Concept Market Data **FEA** Indices Upcoming

#### Local account





### **Testing scenario**

- 1. Install the certificates that will be sent to you
- 2. Download and install the application
- 3. Open the FEA twice using your local and foreign accounts



Introduction

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Characteristics	Index 1	Index 1
Туре	Free-float Market Cap	Equally weighted
Structure	5/3/2	5/3/2
Currency	EUR	EUR
Calculation	Daily (1 minute)	Daily (1 minute)
Price used	Last Price	Last Price
Starting value	100	100
Rebalancing	March & September	March & September
Free float adjustment	March, June, September, December	March, June, September, December







#### **TRADE OVERVIEW**



Benefits Concept

FEA

Indices

Upcoming







**TRADE OVERVIEW** 

