

SEE Link Connecting Markets

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





Benefits

Concept

Market Data

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



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MSE, BSE, ZSE

Regional infrastructure for trading of securities

Technical integration of the regional equity markets

IT platform that facilitates order-routing

Easier and more efficient access to the markets





Introduction **Benefits** Concept Market Data FEA Indices **Upcoming** Signing the grant agreement between EBRD and SEE Link for financing the SEE Link Project **SEE** link Connecting markets System System for order go-live! routing Development Tender for selection of developer of the March project 2016 Dec - Mar Apr. – Dec. 2016 2015 **April** Febr. – Apr. 2015 2015 July – Dec. ZAGREBAČKA BURZA System testing 2014 by the July participating Selecting Evolve DD, 2014 **April** Ljubljana и NeoCom exchanges' Selection of project 2014 members & AD, Skopje for manager and launching SEE Project Developer development of ToR Link's web-site Establishment of SEE LINK d.o.o.



Benefits

Concept

Market Data

FEA

Indices





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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



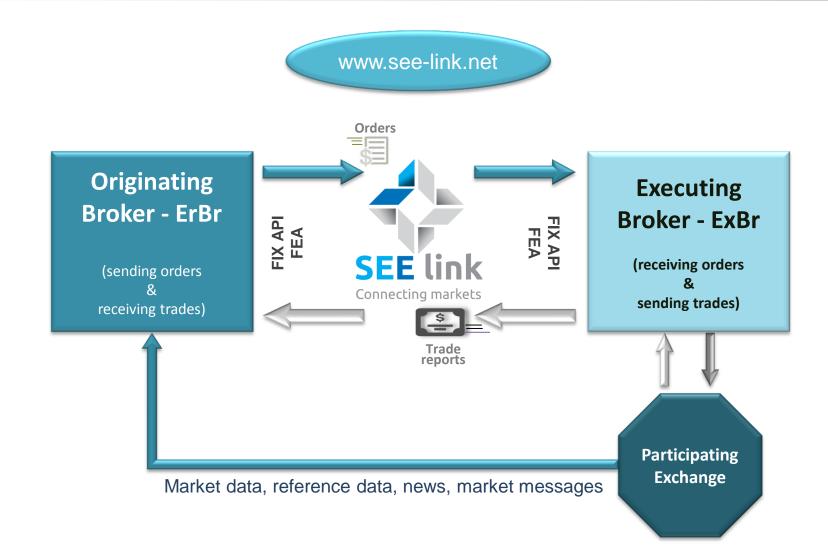
Benefits

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Benefits

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Indices

Upcoming



OrBr Agreement

Membership Application

ExBr Agreement



Connecting markets

Inter-Broker **Agreement**



OrBr Agreement

Membership Application

ExBr Agreement



Broker "XYZ"





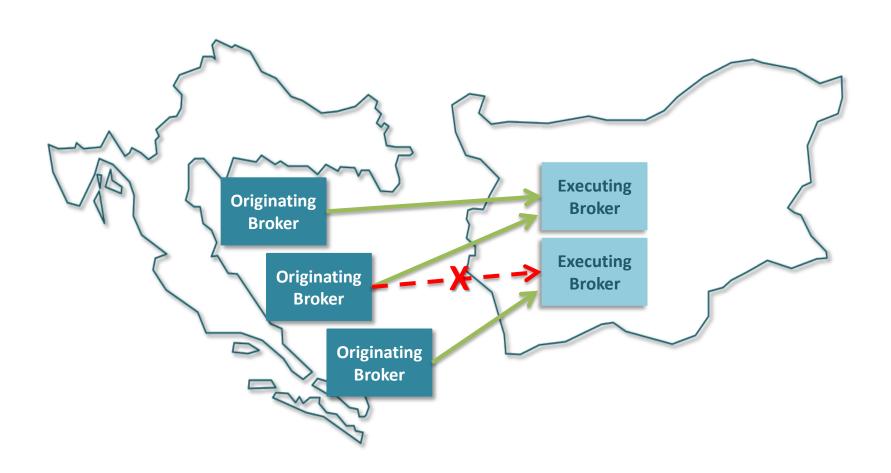
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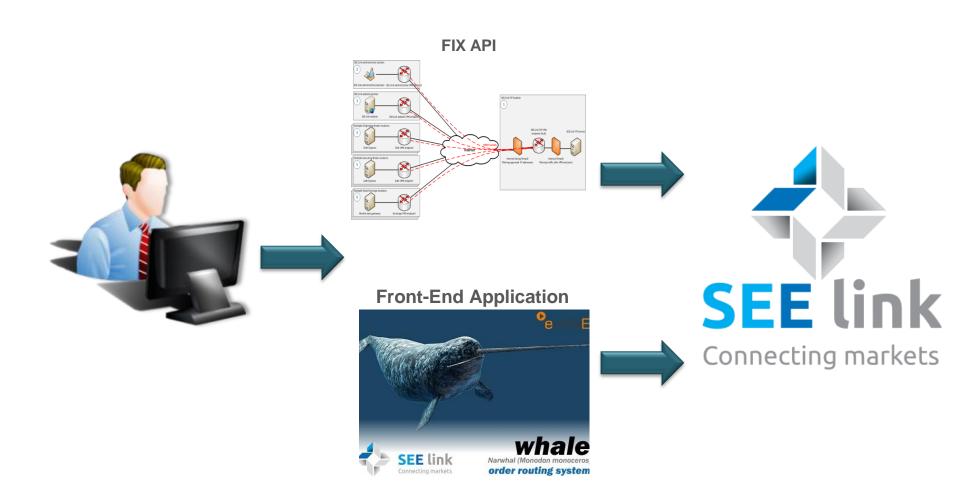
Benefits

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Benefits

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Upcoming

Securities

Shares

Preferred shares

Rights

Treasuries

Orders

Market

Limit

Iceberg

Validity

Daily

Good-till-date

Good-till-canceled





Benefits

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Upcoming





Ex Br sends information to the Or Br about his bank account

Or Br deposits his clients funds in the bank account



Start trading on the Local Exchange









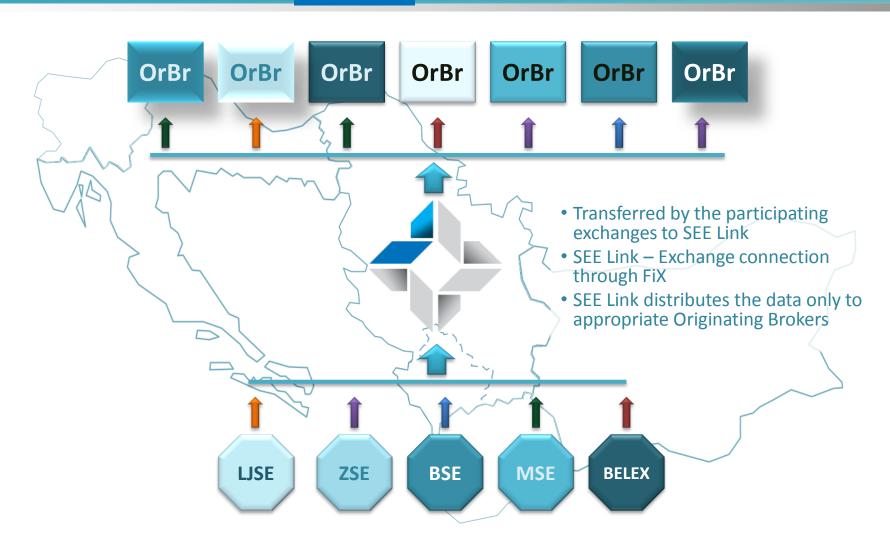
Benefits

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Benefits

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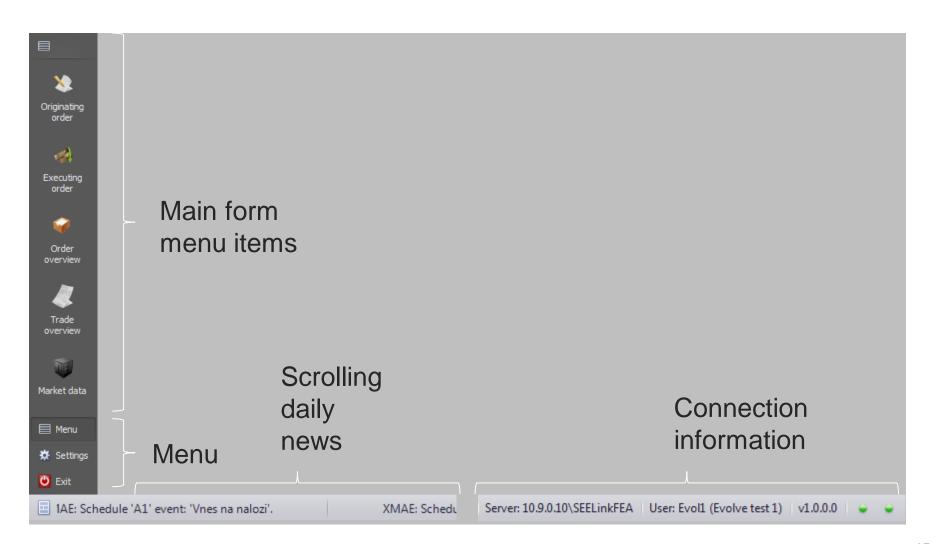
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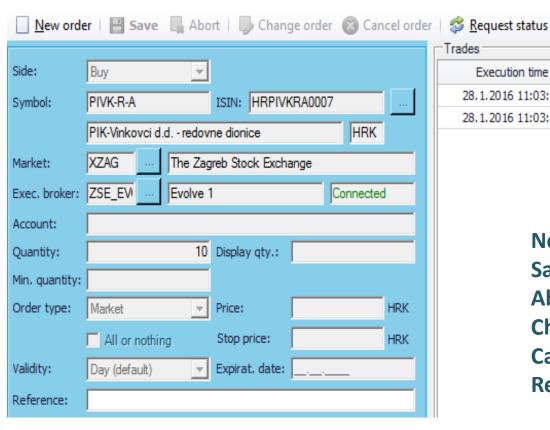


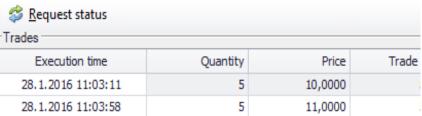




New o	order X Can	cel orders		t all	xport				
 Selected	Order number	Status	Destination	Executing broker	B/S	Symbol	ISIN	Security	Quantity
√	3125	NEW	Bulgarian Stock Exchange - Sofia	Evolve 1	Buy	3ZL	BG11ZLVAAT14	Zlatni Pyasatsi AD-Varna	10
\checkmark	3126	NEW	Bulgarian Stock Exchange - Sofia	Evolve 1	Buy	3ZL	BG11ZLVAAT14	Zlatni Pyasatsi AD-Varna	10
\checkmark	3127	NEW	Bulgarian Stock Exchange - Sofia	Evolve 1	Buy	5ODE	BG11KOVABT17	Odessos Shiprepair Yard A	
\checkmark	3128	PENDING C	Bulgarian Stock Exchange - Sofia	Evolve 1	Buy	1VX	BG1100010104	Veigraf Asset Management	., 10
\checkmark	3129	NEW	Bulgarian Stock Exchange - School	ew Order	Add	new o	order in t	he bottom det	all 1
\checkmark	3130	PENDING C	Bulgarian Stock Exchange - Sofia	Evolve 1	SEC	tion of	form ⁰³¹⁴¹		
\checkmark	3131	NEW	Bulgarian Stock Exchange - 5000	Evolve 1	Duy	JALO	DG11000 10303	Alberta Investinating Ab-11	2
\checkmark	3132	NEW	Bulgarian Stock Exchange - ScCa	ncel Orders	Sen	dcanc	elorder	request for	
\checkmark	3133	NEW	Bulgarian Stock Exchange - Sofia		حماد	cted o	rders to	execution brok	rρr
\checkmark	3134	NEW	Bulgarian Stock Exchange - Sofia					Phoenix Capital Holding AD	
\checkmark	3135	NEW	Bulgarian Stock Exchange - SoRe	equest Status	Sen	d orde	r request	t status for sele	ected
\checkmark	3136	NEW	Bulgarian Stock Exchange - Sofia	Evolve 1	ord	ors to	execution	Velgraf Asset Management	
\checkmark	3137	NEW	Bulgarian Stock Exchange - Sofia		Ulu		execution	Zlauni Pyasatsi AD-Varna	
\checkmark	3138	ON MARKET	Bulgarian Stock Exchange - SSe	lect all	Sele	ect all o	orders in	the list AD-Varna	
\checkmark	3140	PARTLY FIL	Bulgarian Stock Exchange - Sofia	Evolve 1					
\checkmark	3141	NEW	Bulgarian Stock Exchange - School	eselect all	Des	elect a	II orders	in the list	
\checkmark	3142	NEW	Bulgarian Stock Exchange - Sofia	Evolve 1	Buy	53B	BG11BIPEAT11	Biovet JSC-Peshtera	
\checkmark	3143	ON MARKET	Bulgarian Stock Exchange - Soft	port	Fxn	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	Exc	6 33L	BG115LNEAT	Slanchev Bryag AD-Sla	
V	3155	EXPIRED	Bulgarian Stock Exchange	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	







New Order
Save
Abort
Change order
Cancel Order
Request Status



NEW	- executing partner didn't place the order on the market
ON MARKET	order was placed on the market by executing martner
PARTLY FILLED	order was partially executed
FILLED	order was completely executed
PENDING REPLACE	awaiting change confirmation by execution partner
EXPIRED	the order has expired
PARTLY EXPIRED	order was partially executed and then expired
REJECTED	the execution partner has rejected your order
PENDING CANCEL	awaiting cancel confirmation by execution partner
CANCELED	order was canceled
PART. CANCELED	order was partially executed and then canceled
ERROR	there is a problem with the order - contact administrator



Trades —								
Add trade Correct Save Abort Cancel trade								
Execution time: 26.01.2016 15:17:03 •								
Ticket:	1155664							
Quantity:	43	Price:	101,0000					
Trade value:	4.343,00	Interest:						
	Execution ti	me		Quantity				
	26.1.2016 15:	17:03		43				

Add Trade
Save
Abort
Correct Trade
Cancel Trade



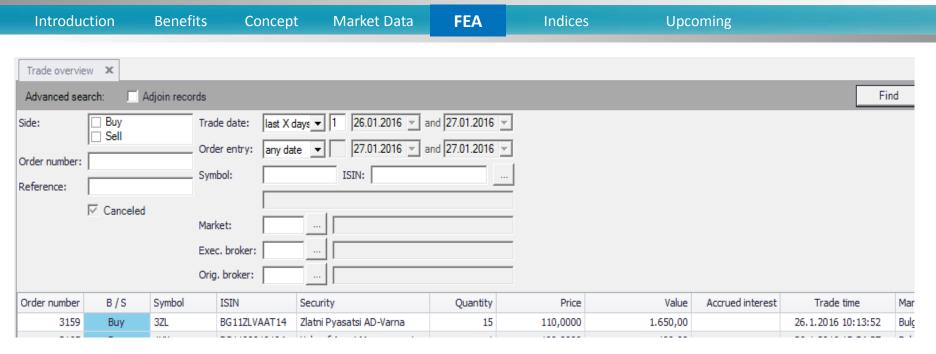
Introduction Market Data **FEA** Benefits Concept **Indices Upcoming** Order overview X Find Adjoin records Advanced search: 26.01.2016 ▼ and 27.01.2016 ▼ Buy Market Side: Entry date: exactly on ▼ Order type: Sell Limit Ξ Symbol: ISIN: Stop NEW Order status: Stop limit PARTLY FILLED Day (default) FILLED Validity: Market: PENDING CANC Good Till Cancel Immediate Or Cancel ACCEPTED CAN Exec. broker: Fill Or Kill Good Till Date Orig. broker: Order number: Order number Originating broker Executing broker B/S Symbol Status Destination ISIN Security Macedonian Stock Exchange AD 3156 NEW Evolve 1 Evolve 2 TIGA MKTIGA101011 Tigar Kriva Palanka Buy

- 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	pt I	Market Data		FEA	Indic	es	Upcor	ning		
Trade overvi	e (Originating order	Order overvie	ew Ex	ecuting order	Originat	ing order	Market data	x				
Symbol 🔻	Security		ISIN	Market	Market segme	_	Best bid gty	Best bid		Best offer qty	Last trade	Last trade qty	Last trade tin
			10211				zest sid quy	2251012	223101112	Destroite quy		2221 2222 417	
TNPL-R-A	Tankerska	plovidba d.d r	HRTNPLRA0003	XZAG	Regular Mark	et	10	612,0200	671,0000	3			
THNK-R-A		.d redovne dio			Regular Mark		101	770,0000	1.200,0000	_			
SKK		up Holding JSC	BG1100032140	XBUL	Standard Equ		100	1,1450	1,1650	525	1,1650	200	9:10:26
RHMF-A-A		vo financija Repu	HRRHMFAA000	3 XZAG	MTF-FORTIS		249.996	95,0000	102,0000	39.172			
KOKA-R-A Koka d.d redovne dionice		HRKOKARA000	9 XZAG	XZAG Regular Mark		60	33,5600	85,0000	200				
FNOI-D-187A	DI-D-187A Fond za naknadu oduzete i HRFNOID187A7 XZAG		ST - Official M	/larket	99.500	70,0000	100,0000	200					
BLJE-R-A	-R-A Belje d.d. Darda - redovne HRBLJERA0002 XZAG		Regular Mark	et	88	30,0000	100,0000	100					
6A6	Advance Terrafund REIT-S BG1100025052 XBUL		Special Purpo	se	600	2,0410	2,0700	3.823	2,0700	287	9:11:52		
5PET	PET Petrol AD-Sofia		BG11PESOBT13	XBUL	Standard Equ	uity	273	0,5160	0,5300	400	0,5300	50	9:10:25
1													
Market dep		<i></i>							Trade re	cap (SKK))		
Total bid	qty	Bid qty	Bid	Offer	Offer qty	Total o	ffer qty		Tim		Quantity	Price	
	100	100	1,15	1,17	525		525		9:10:	26	200	1,1650	
	500	400	1,14	1,17	300		825						
	700	200	1,14	1,17	300		1.125						
	100	400	1,14	1,18	680		1.805						
1.	967	867	1,14	1,18	500		2.305						
Average bu	v / sell pr	ice (SKK)											
					A		Day 1						
Buy	SEII .	Place Quantit	y:		Avg. px:		Remain	ning:					





- 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.



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FEA

Indices



- Password management is designed to change the password.
- 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.



Benefits

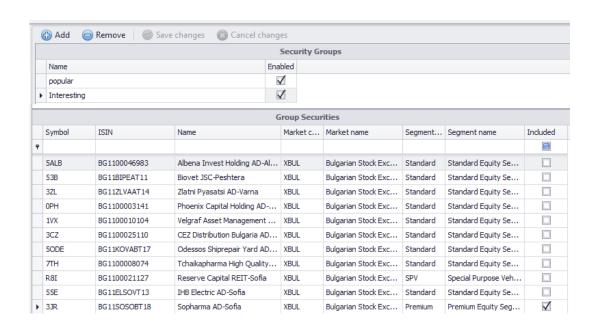
Concept

Market Data

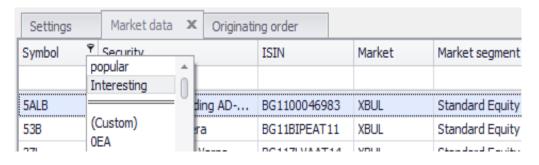
FEA

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



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



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Upcoming

Local account



Foreign 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



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FEA

Indices

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		



Brokerage houses connect to the System

FEA testing by brokers

Signing Inter-Broker Agreements

System
Launch –
March 29,
2016



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