TRADING & ORDER MANAGEMENT

ALOC

WE PROVIDE OVERVIEW - YOU TRADE!

SPAR NORD BANK A/S

"Spar Nord selected IDEAS in connection with "the millennium change 2000", and after having compared IDEAS with other products in the market, it was easy for the bank to make its choice. For one thing, IDEAS had a good reputation in the market, and for another, it has turned out to fulfil our requirements for a modern trade system, including installment, service, on-going costs and hardware requirements.

We have subsequently observed that IDEAS lives up to our expectations with regards to functionality and operational stability and that ALOC as a supplier is able to meet the requirements we have for support and development. A development which is controlled by the securities market and where we continuously have to handle new products and functionalities."

Lisbeth Amby Møller
Project Manager

GET AN OVERVIEW OF YOUR DAY INCLUDING THE BEST COMPETITIVE EDGE IN TRADING.

TRADE WITH IDEAS.

TRADING & ORDER MANAGEMENT

ank	148	1.200	SYD	CSB	16:43:31	
ank	148	100	UBS	CSB	16:43:31	
beck	110,75	200	UBS	GSI	16:43:30	
wool Int. B	403	10	MLI	GSI	16:43:31	
KT	126,3	42	ALM	ALM	16:43:32	
ank	148	200	UBS	SVB	16:43:29	
ank	148	2.000	SVB	SVB	16:43:29	
ank	148	800	SVB	SVB	16:43:29	
berg B	399,5	250	MLI	CAZ	16:43:28	
sco	312,5	300	MLI	NEO	16:43:28	
s Wind Sys	567	175	LDM	AVA	16:43:28	
s Wind Sys	567	50	NON	AVA	16:43:28	
rm	139	1.750	DDB	DBI	16:43:28	

	Vol	B/S	Instr.INm	MMult	MinVol
50	200.000,00	Sell	2SKIBE15	100.000,00	200.000,00
00	375.000,00	Buy	2SKIBE12	100.000,00	375.000,00
50	280.000,00	Sell	SEKNyVaekst08	100.000,00	280.000,00
75	280.000,00	Buy	4RD10D 11	0,01	280.000,00
00	200.000,00	Buy	2SKIBE10	100.000,00	200.000,00
50	9.756.097,0(	Sell	KKEPRA 09	100.000,00	9.756.097,00
00	39.600,00	Sell	NBFGlobal 17	10.000,00	39.600,00

1027441	DANSKE
1020749	DCO
6008321	DNORD
6007953	DSV
1023446	FLS
B01FLG6	G4S
1027220	GEN
1030795	JYSK
1020110	KBHL
1028723	LUN
1024442	MAERSK A
1024450	MAERSK B
0042736	NDA
1028766	NKT
6010261	NOVO B
1027212	NZYM B
1021907	ROCK A
1021915	ROCK B
1031147	SYDB
1025333	TDC

OVERVIEW AND USER-FRIENDLINESS

We offer a modern and advanced software solution which gives you obvious competitive advantages.

OVERVIEW AND POWER - EVERY DAY

The user-interfaces are configured based on the dealer's wishes – it is possible to remove superfluous functions and information – leaving the dealer's areas of interest in focus and letting the dealer cut to what's important. This gives clear overview and power. Every day.

You can follow the development of the positions in the books you track – both at group and dealer level. This makes it easy to track the market exposure for all positions during the day – and you get an overview of the total result of the day.

Info licenses let you share the overview with internal controllers or, for example, colleagues in back office. The payoff is efficiency; fewer administrative routines and direct insight into the trade history.

FLEXIBILITY

IDEAS' flexibility is evident in both process and system. This means, from the time you purchase the system, system integration, implementation, operations, our business support and to the flexibility of the system's settings. Flexibility, which is thought through, from A to Z means that our solution can be tailored to your requirements. This frees up time for other areas of your business.

70,00 ⬆	128,50	128,75 ⬆	600,
300,00 ⬇	312,00	312,50 ⬆	150,
1,00 ⬆	325,50	329,00 ⬇	40,
3.200,00	87,25	87,50	181,
24,00 ⬇	313,00	314,50 ⬆	500,
10.000,00	19,50	19,60	4.500,
21,00 ⬇	305,00	305,50	8,
6,00	244,75	245,00	550,
15,00	1.610,00	1.614,00	5,
20,00 ⬇	110,75	111,00	400,
50,00 ⬇	46.500,00	46.600,00 ⬆	10,
3,00 ⬇	46.600,00	46.700,00	10,
180,00 ⬆	62,75	63,00 ⬆	8.000,
250,00 ⬆	247,00	247,25 ⬆	25,
2.800,00 ⬆	271,00	271,50 ⬆	38,
39,00 ⬆	482,50	483,50 ⬇	50,
50,00	410,00	430,00	30,
3,00	403,00	405,50 ⬇	90,
3.800,00	148,00	148,25 ⬆	48,
275,00	270,00	270,50	25,

IDEAS IS THE PREFERRED TRADE SYSTEM ON NASDAQ OMX

WITH IDEAS YOU GET MAXI-MUM RELIABILITY AND LOW ERROR TOLERANCE. THIS TRANSLATES INTO AN UP-TIME OF 99.9% - IT DOESN'T GET MORE RELIABLE THAN THAT!

INTEGRATION/CONNECTIVITY

IDEAS is the strongest solution in the market. An open system, which makes it easy to integrate and communicate with other business systems. You get full integration with your settlement systems, portfolio systems, risk management systems and your Reuters and Bloomberg servers. Positions are integrated with primary and secondary systems. IDEAS API supports sending prices to your market maker and publication of trades from other systems. It also lets you receive real-time data from IDEAS.

In addition to trading on NASDAQ OMX and the MTF Burgundy, IDEAS offers a number of other links with standard protocols such as SWIFT and FIX.

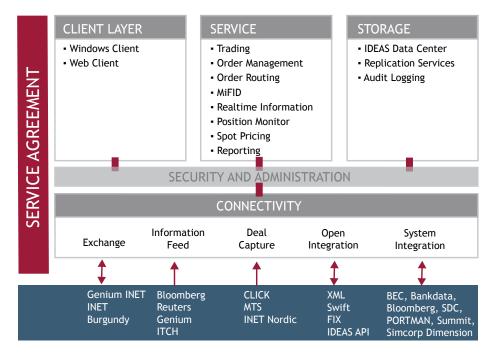## USER-FRIENDLINESS – THE DEALER'S GOALS IN FOCUS

Flexibility and individual set-up strengthens overview and speed and this lets you execute orders in milliseconds.

You select market information by creating position specific user profiles. This helps create the unique overview which is the prerequisite for the dealer's efficiency. At the same time, shortcuts let you act quickly in the market while the system's logical and user-friendly structure lightens the dealer's work.

TRADING & ORDER MANAGEMENT

IDEAS BUSINESS MODEL

With our busness model as the strategic tool, we work with four layers to ensure our customers a reliable and high performing tool.

SERVICE AGREEMENT

CLIENT LAYER	SERVICE	STORAGE
▪ Windows Client ▪ Web Client	▪ Trading ▪ Order Management ▪ Order Routing ▪ MiFID ▪ Realtime Information ▪ Position Monitor ▪ Spot Pricing ▪ Reporting	▪ IDEAS Data Center ▪ Replication Services ▪ Audit Logging

SECURITY AND ADMINISTRATION

CONNECTIVITY

Exchange	Information Feed	Deal Capture	Open Integration	System Integration
Genium INET INET Burgundy	Bloomberg Reuters Genium ITCH	CLICK MTS INET Nordic	XML Swift FIX IDEAS API	BEC, Bankdata, Bloomberg, SDC, PORTMAN, Summit, Simcorp Dimension

CLIENT LAYER

Client Layer is the face of IDEAS; the actual user access to the system. There are two types of clients: A Windows based client, containing optimized functions for the professional dealer plus a web-based client, which gives easy access to selected functions.

SERVICE

The Service Layer contains the services, which IDEAS makes available for your business. The need for services varies from system to system. The make-up is therefore individual and is an actual business model. This helps you perform your daily work in the most efficient manner.

STORAGE

This layer is IDEAS' Data Center. It gives external systems access to the system's data, permission for replication of data, Audit Logging for accountants and access control in the system.

SECURITY & ADMINISTRATION

Security must be first-rate. We ensure that the specified access control requirements are met and that services have access to the necessary data.

CONNECTIVITY

Connectivity gives physical access to external systems and opens up a lot of possibilities. IDEAS interacts with systems, such as stock exchange access, back office, integration to your own systems etc.

SERVICE AGREEMENT

We tie all of our services together in a "Service Agreement". This allows us to offer coherent services such as training and professional service, which comprise on-line business support as well as technical support for both daily operations and in connection with upgrades etc.

ORDER
MANAGEMENT

MIFID
COMPLIANCE

BLOOMBERG

ORDER
ROUTING

ALOC

IDEAS

POSITION
MONITOR

NASDAQ OMX

COCKPIT
TRADER
THE DMA TRADING
SOLUTION

BURGUNDY

ALGORITHMIC
TRADING

A MODULAR SYSTEM - BUILD IT TO SUIT YOUR NEEDS

If you want to build the best European trading system
- build it together with us!

REUTERS
AUTEX TRADE
ROUTE

TRADING & ORDER MANAGEMENT

■ ■ ■ ■ ■

*for PROP traders,
Sales traders, Market
Makers & Chief traders*

*The extent of market
information is massive.
User-defined filters and
consolidation get you the
desired information.
Grouping of instruments
plus the use of user-defined
columns, monitoring, icons,
colours etc. are all tools that
promote overview and ensure
efficiency – also when speed is
required.*

*Positions and their value can be
tracked at instrument, dealer
and group level. This gives
an important overview, in all
market conditions. At the same
time, you can perform
continuous calculations of
aggregate positions and
exposure. A clear advantage to
management, controllers and
back office.*

*You track the status of your
own orders. Executed trades
and pending orders can be sent
to the market. You can also re-
open and adjust active orders.
Together with the other
windows in IDEAS, this ensures
the dealer overview and
efficiency in a volatile market.*

AN EXCERPT OF THE NUMEROUS OVERVIEW OPTIONS WITH IDEAS

IDEAS gives you overview of the day's trading activities and of what counterparts that have participated. The dealer gets an overview of what is happening in the market.

IDEAS gives you fast and efficient insight into the market details for any instrument.

When you double-click an instrument in IDEAS you automatically get information about 'Market-By-Order' and 'Market-By-Level', among other things.

ALOC

END TO END WORK FLOW

DMA FOR INSTITUTIONAL CLIENTS

ENHANCE YOUR CUSTOMER SERVICE AND DELIVER REAL VALUE TO YOUR INSTITUTIONAL CLIENTS.

SERVICE

IDEAS also delivers built-in sophisticated market information and DMA terminal COCKPIT Trader for your institutional clients as well as active traders. The solution can be tailored by you, for your clients and your dialogue with them, and fully customized for your company's graphical profile and appearance.

CLIENT DIALOGUE

Tailoring COCKPIT Trader opens opportunities to create a real competitive advantage. Why not include an exclusive chat box in your daily dialogue, or promote your latest prospectus or analysis directly in the system?

ALOC AS PARTNER – EXTRACT OUR VALUABLE EXPERIENCE

When you choose ALOC as your software partner for Trading & Order Management and settlement you are making a safe choice. This is supported by our many references, 25 years of hands-on experience and the passion of more than 100 enthusiasts. We are specialists. We work with software solutions for the financial market. We turn complicated into simple. We live, think and dream our solutions. We have done so since 1985. Today, we are market leaders in Trading & Order Management. You will experience that our history and efforts provide for cost-effective and innovative solutions for your future.