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Financial software development
for brokerage and exchanges

BackOffice

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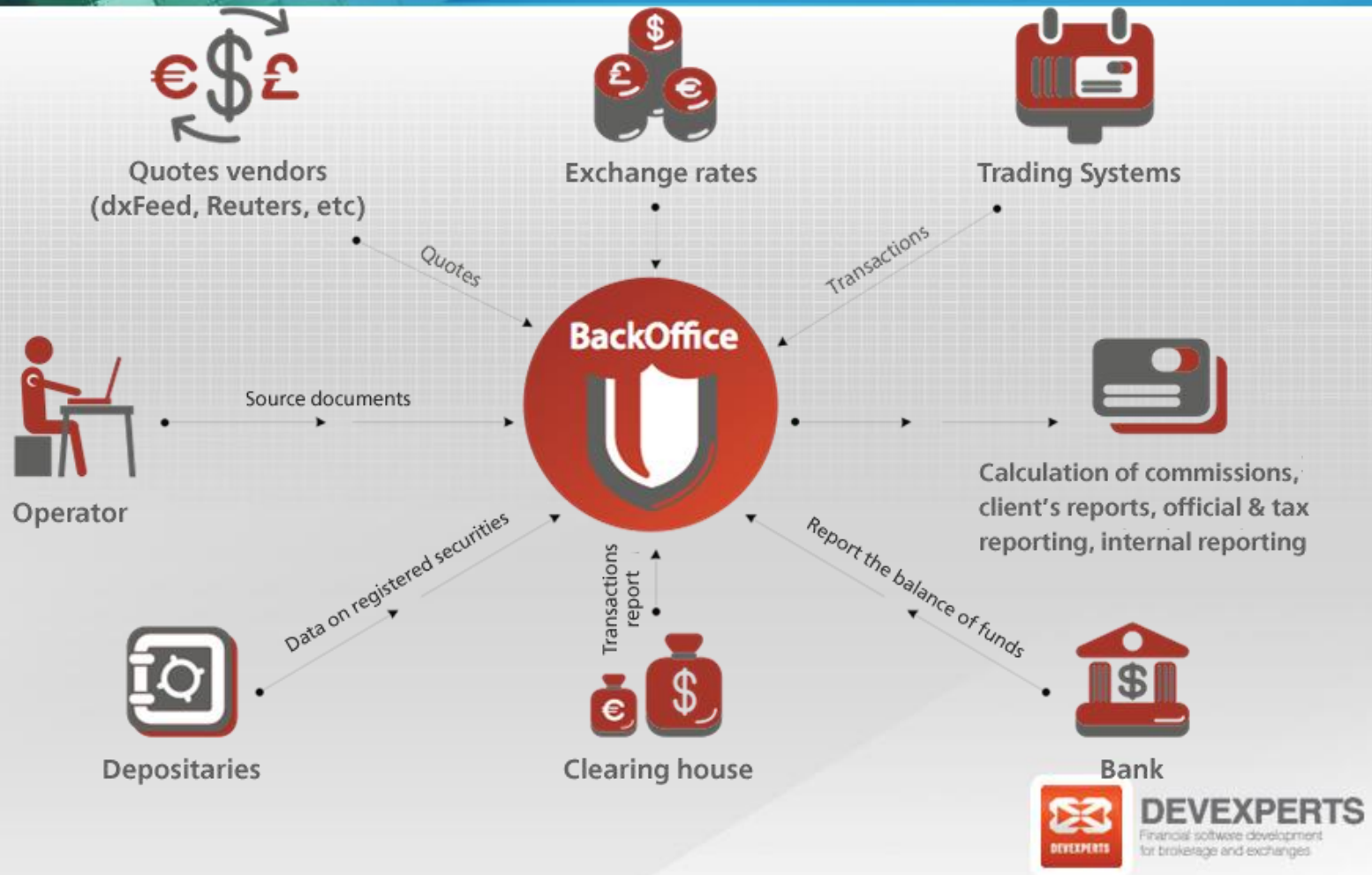
 BackOffice –

**accounting program for brokers,
dealers, banks, investment
companies and depositories**



dx BackOffice - System Architecture

MAXIMUM FUNCTIONALITY, FLEXIBILITY AND PRODUCTIVITY



With BackOffice you can

work efficiently

maintain contact with
clients comfortably

develop your business processes
effectively

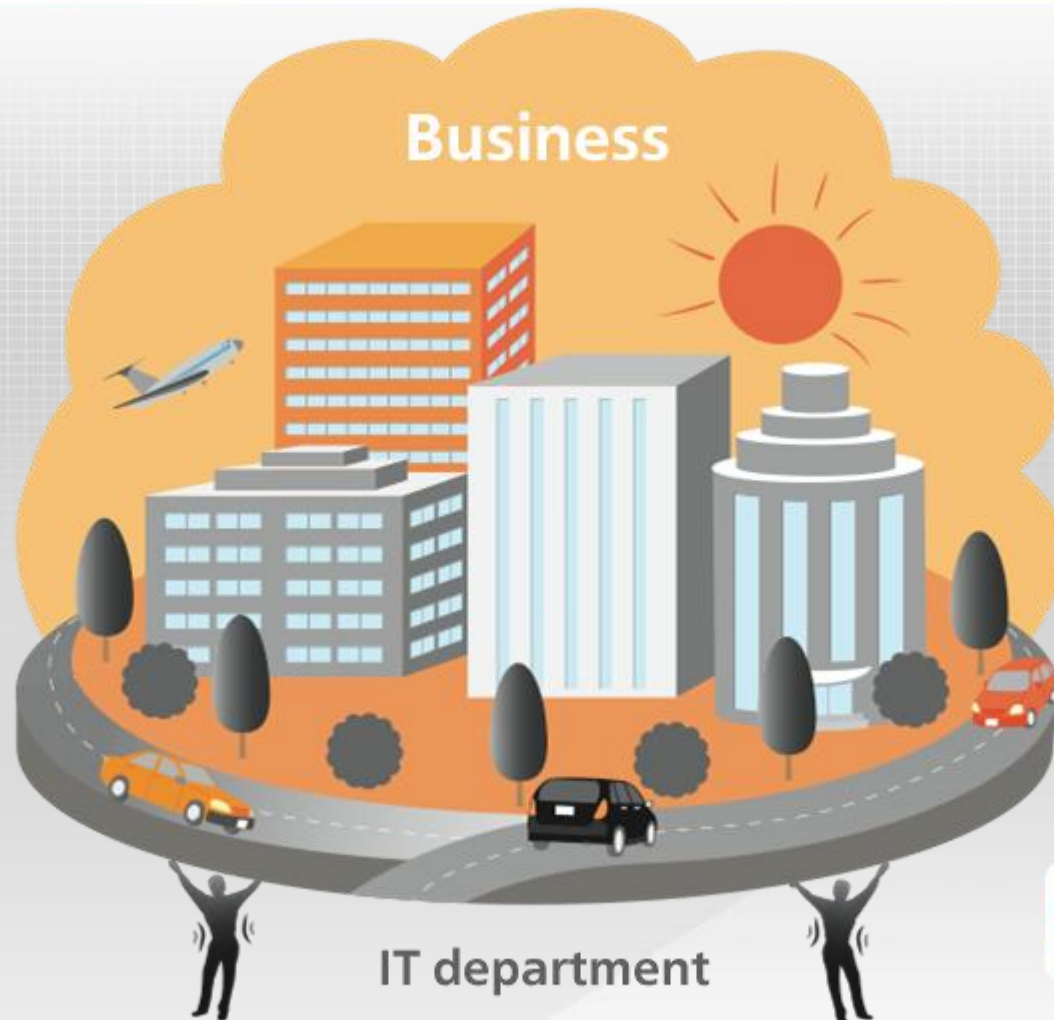


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Does your IT department
bear your company growth?



dx BackOffice



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What you get with BackOffice ?

High-quality solutions for vital tasks

 BackOffice

is developed in the company which solutions got admission of leading financial publish houses (20 awards for 10 years)



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20 awards for 10 years



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What you get with BackOffice ?

Clear prospects for development

BackOffice

is developed with glance to financial market features of Japan, USA and Western Europe



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What you get with BackOffice ?



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Power and productivity



BackOffice – productivity



receives and processes data
from **all trading systems**



up to
1000 concurrent users



data processing rate:
100 000 deals per **15 min**
with **30** transactions for each deal



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BackOffice – Wide Scope

All trade systems:

dxTrade,
CQG,
Sunguard,
etc.

All trading platforms:

NYSE, CME, CBOE,
LSE, ASX, CBOT,
EUREX, ICE,
NASDAQ, RTS,
MICEX, XETRA

All financial instruments:

Shares,
Futures
Bonds,
Promissory notes,
Options,
Forwards,
Corporate stock, etc.



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dx BackOffice – Comfortable Use

The whole system in a single window

The screenshot displays the dx BackOffice application window. On the left, a 'Filters' panel is visible with various criteria like Date, Expected Dates, Fact Dates, Exchange, Client, Counter Party, Trade Account, Instrument, Currency, Broker SI, Subject Status, and Transaction. The main area shows a 'Results' table with columns for Type, Operation Type, Date, Code, External Code, Order Code, Exchange, Status, Delivery Status, and Payment Status. Below this is a 'Transaction Ledgers' table with columns for Type, Date, Ledger Processed, Planned, Description, Instrument, Quantity, Unit Price, Cost, Cost Currency, and Commission Type. The interface includes a menu bar, a toolbar, and a status bar at the bottom.

Type	Operation Type	Date	Code	External Code	Order Code	Exchange	Status	Delivery Status	Payment Status
TRADE	TRADE_SIMPLE	25/03/2011 07:29:52	0030968003	291551904	3463234703	FORTS	SETTLED	SETTLED	SETTLED
TRADE	TRADE_SIMPLE	25/03/2011 07:29:52	0030968004	291551904	3463234703	FORTS	SETTLED	SETTLED	SETTLED
TRADE	TRADE_SIMPLE	25/03/2011 07:29:53	0030968005	291551918	3463233049	FORTS	SETTLED	SETTLED	SETTLED
TRADE	TRADE_SIMPLE	25/03/2011 07:29:53	0030968006	291551918	3463233049	FORTS	SETTLED	SETTLED	SETTLED
TRADE	TRADE_SIMPLE	25/03/2011 07:29:54	0030968007	291551922	3463234697	FORTS	SETTLED	SETTLED	SETTLED
TRADE	TRADE_SIMPLE	25/03/2011 07:29:54	0030968008	291551922	3463234697	FORTS	SETTLED	SETTLED	SETTLED
TRADE	TRADE_SIMPLE	25/03/2011 07:29:54	0030968009	291551925	3463234984	FORTS	SETTLED	SETTLED	SETTLED
TRADE	TRADE_SIMPLE	25/03/2011 07:29:54	0030968010	291551925	3463234984	FORTS	SETTLED	SETTLED	SETTLED
TRADE	TRADE_SIMPLE	25/03/2011 07:29:56	0030968011	291551938	3463235157	FORTS	SETTLED	SETTLED	SETTLED

Type	Date	Ledger Processed	Planned	Description	Instrument	Quantity	Unit Price	Cost	Cost Currency	Commission Type
SECURITY	25/03/2011	PROCESSED	PLAN		SR10000BP1	-2.00	113.00000	-226.00	RUR	
CASH	25/03/2011	NOT_PROCESSED	PLAN		RUR	226.00	1.00000	226.00	RUR	
COMMISSION	25/03/2011	PROCESSED	PLAN		RUR	-0.60	1.00000	-0.60	RUR	BROKER
COMMISSION	25/03/2011	PROCESSED	PLAN		RUR	-1.00	1.00000	-1.00	RUR	EXCHANGE
CASH	25/03/2011	NOT_PROCESSED	FACT		RUR	226.00	1.00000	226.00	RUR	
COMMISSION	25/03/2011	PROCESSED	FACT		RUR	-0.60	1.00000	-0.60	RUR	BROKER
COMMISSION	25/03/2011	PROCESSED	FACT		RUR	-1.00	1.00000	-1.00	RUR	EXCHANGE
SECURITY	25/03/2011	PROCESSED	FACT		SR10000BP1	-2.00	113.00000	-226.00	RUR	

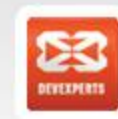
Filters

All operations on a single screen

Transaction ledgers

BackOffice – Customization

- **All account types**
- **All transaction types**
- **Customized report format creation**
- **Customizable charts of accounts**
- **Customizable ledger movement rules**



dx BackOffice – Hierarchical Analytical Accounting

creating a customized chart of accounts

The screenshot displays the 'developex backoffice - demo v.0.55.2' application window. The main area shows a 'План аналитических счетов' (Analytical Chart of Accounts) with a tree view on the left and a table of results on the right. The table columns include: Код (Code), Описание (Description), Комментарии (Comments), Тип (Type), Единица (Unit), План/Факт (Plan/Fact), Объект учета (Accounting Object), and Аналитика по платежной инструкции (Analytical Accounting by Payment Instruction). The table is filtered to show 34 records.

Код	Описание	Комментарии	Тип	Единица	План/Факт	Объект учета	Аналитика по платежной инструкции
Assets	Assets						
CASH_AS	A1. Assets on places of keeping		ACTIVE		FACT	CASH	
CASH_AS_CLT	A1.1. Client cash assets	CASH_AS	ACTIVE	Clients	FACT	CASH	✓
SEC_AS	A1. Assets on places of keeping		ACTIVE		FACT	SECURITY	
SEC_AS_CLT	A1.1. Client securities assets	SEC_AS	ACTIVE	Clients	FACT	SECURITY	✓
SEC_AS_FW	A1.2. Forward market balances	SEC_AS	ACTIVE	Clients	FACT	SECURITY	✓
Profit/Loss	Profit/Loss						
CASH_EX	A2. Expenditure and Loss		ACTIVE		FACT	CASH	
CASH_P	P2. Income and Profit		ACTIVE_PASSIVE		FACT	CASH	
CASH_P_OP	P2.1. Operations income	CASH_PL	ACTIVE_PASSIVE	Operation	FACT	CASH	✓
CASH_P_COM	P2.2. Commission income	CASH_PL	ACTIVE_PASSIVE	Commission	FACT	CASH	✓
CASH_P_OTR	P2.3. Other income	CASH_PL	ACTIVE_PASSIVE	Others	FACT	CASH	✓
Positions	Positions						
CASH_POS	P1. Cash Positions		PASSIVE		FACT	CASH	
CASH_POS_CLT	P1.1. Cash position client	CASH_POS	PASSIVE	Clients	FACT	CASH	
SEC_POS	P1. Securities Positions		PASSIVE		FACT	SECURITY	
SEC_POS_CLT	P1.1. Securities position client	SEC_POS	PASSIVE	Clients	FACT	SECURITY	
SEC_POS_FW	P1.2. Forward market position	SEC_POS	PASSIVE	Clients	FACT	SECURITY	
Settlements	Settlements						
CASH_SF	S1. Cash Settlement Fact		ACTIVE_PASSIVE		FACT	CASH	
CASH_SF_MKT	S1.1. Settlement fact MARKET	CASH_SF	ACTIVE_PASSIVE	Settlements market	FACT	CASH	✓
CASH_SF_CLT	S1.2. Settlement fact CLIENT	CASH_SF	ACTIVE_PASSIVE	Settlements client	FACT	CASH	✓
SEC_SF	S1. Security Settlement Fact		ACTIVE_PASSIVE		FACT	SECURITY	
CASH_SP	S2. Cash Settlement Plan		OFF_BALANCE		PLAN	CASH	
SEC_SP	S2. Security Settlement Plan		OFF_BALANCE		PLAN	SECURITY	



BackOffice – Security

- Flexible distribution of access rights
- Encryption of all network interactions in accordance with generally accepted standards
- Saving all user interaction history, including information about the network addresses used to access the system
- Unauthorized access protection



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BackOffice – maintenance and support

Maximum opportunities for customization and productivity

- Training to use the software
- User manual
- Integration: Polished migration procedure
- Data exchange process description



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BackOffice – Support



Hotline



24/7



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Terms and resources

- **Terms of instalation:** from 3 months
- **Required resources from the client:** project manager
- **Devexperts resources on your hand:** Project manager, analyst, developers, system administrators, data-base administrators, support specialists and others.



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BackOffice –Your Opportunity to

Fully establish your business processes:

- Manage your data manually or automatically.
- Introduce latest changes in reporting standards without specialists' support.
- Adjust processing algorithms for every type of account and/or every type of transaction for variable markets.
- Use a flexible system of settings:
 - for internal accounting ledger plans
 - for ledger movement formation rules
 - for service plans.
- Manage data representation and quick data search on spreadsheets



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BackOffice –Your Opportunity to

Maintain contact with clients comfortably:

- Work with client accounts in various currencies.
- Send reports to clients and controlling bodies automatically.
- Keep internal accounting ledgers.
- Create necessary reports (a range of standard reports are supplied).
- Keep records of transactions handled with various types of financial instruments on both local and international markets within the same application.
- Check reports, statements from brokers, depositaries and other counterparts against data available from the system.

BackOffice – Your Opportunity to

Work efficiently:

- Import transaction data on request.
- Work with various trading platforms.
- Analyze portfolios and generate reports on a real-time basis, with regard to current trading information.
- Process a large number of transactions at a time.
- Take into account service fees, fees charged by the stock exchange, clearing centers, depositaries, intermediaries.
- Exercise timely control over import errors.
- Introduce changes retrospectively recalculating the balance automatically.



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