

# SIA TODEAL

Fixed income trading solution



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**Financial fixed income is an industry worth a significant amount of money in these tumultuous financial times. Taking the right decision at the right time means having the right tool**

The globalization of financial markets, the merger of European stock exchanges, and the EU's Markets in Financial Instruments Directive (MiFID) have radically changed the shape of the EU market. These are all factors that have resulted in investments shifting towards fixed income instruments.

Over the past few years, European fixed income markets have been characterized by the development of new initiatives such as the outward expansion of MTS from Italy to all euro currency countries and the spread of trading circuits at European level.

These changes are greatly impacting the organization and strategy of market members. The management of financial investments at a global level requires more efficient instruments and integrated systems.

Thanks to the know-how and experience from generating trading products for over ten years, SIA has developed TODEAL, the new platform to access Fixed Income markets, based on consolidated technology.

## **TODEAL: the innovative solution for Fixed Income markets**

**TODEAL** is a **state of the art multi-market solution** developed to satisfy the trading needs of financial institutions.

**TODEAL** is distinguished by its high performance flexibility and includes continuous updates.

**TODEAL** uses **modular architecture** allowing enhancement and easy configuration meeting the specific needs of each operator.

Its cutting edge client/server technology is designed to deal with the dynamics of multi-platform electronic trading in fast-moving markets by delivering:

- connectivity to all major exchanges and ECNs
- proven system reliability and built-in fault tolerance
- scalable and distributed architecture for global trading

# Why TODEAL?



## Connect

Connect to multiple electronic markets



## Monitor

Monitor and maintain all your orders from a single screen



## Know

Know when market prices have moved in a pre-set way through dynamic alerts. You won't have to keep your eyes glued to the market screens!



## Discover

Discover the best prices: current market levels are displayed in a consistent format - you can easily spot the best prices



## Make

Make linked orders on several markets and be sure that surplus orders will be cancelled when one is filled



## Send

Send your own orders or hit existing orders with a single click or through automatic strategy



## Explore

Explore market depth with a single click, a specific selection of bond data, prices and other market information by multiple views that are easily configurable for display

## **SIA remote and cloud management services offer an alternative to the ever-increasing costs of IT administration**

These comprehensive services provide:

- a solution to the heavy investment in management tools, monitoring, training and related operation costs
- an alternative to the creation of an internal network-monitoring
- a way of reducing IT administration costs

### **SERVICES BENEFITS**

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SIA management services provide several benefits, both financial and strategic:

- remote IT management frees up technical personnel to focus on projects instead of daily network administration
- the quick implementation of remote management services allows customers to recuperate IT investment costs easily
- the services allows you to cut IT costs through risk reduction with pricing that is easy to predict
- SIA's standards-based problem-resolution methodology ensures that issues are handled through industry-leading service-level agreements
- detailed reporting helps with early identification of problems, thus ensuring the best possible deployment of resources

### **SERVICE HIGHLIGHTS**

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Standard-based IT management procedures ensure that daily tasks and unexpected incidents are handled efficiently, providing a seamless, IT infrastructure to support all kinds of needs from clients.

# The TODEAL platform

## Your fixed income modular platform



### GATEWAY

Is a server application which manages connections from market GUIs, third-party or in-house applications to electronic markets.



### CAPTURE

Allows users to download trading data (proposals, orders, contracts, etc.) in order to feed middle or back office applications.



### QUANT

Gives brokers an indispensable **real time reference prices** calculation tool. Quant is the cornerstone for running and accessing value-added services:

- TODEAL Quant: Pricing
- TODEAL Quant: Curve
- TODEAL Quant: Bond Analysis



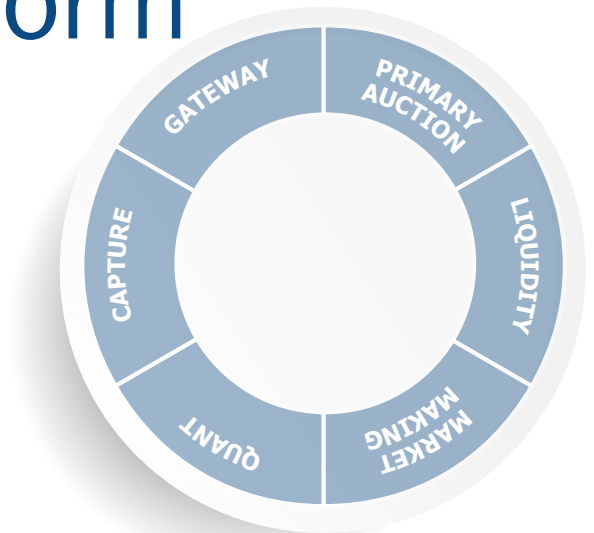
### MARKET MAKING

Quoting is a module which centralizes the administration of the trading strategies of bonds on markets interconnected with **TODEAL**. The module allows the creation and sending of quotes for a particular instrument to the markets. The prices of the quotes sent are created by following both the market prices and an integrated external price engine system.



### LIQUIDITY

Consolidates information from multiple trading venues to create a virtual order book that simplifies liquidity analysis.



### PRIMARY AUCTION

#### • Italian Auction

The solution for access to Italian Auctions is part of the platform for accessing Fixed Income primary markets.

The module TODEAL\Italian Auction allows participation in auctions related to new issues and re-openings (additional auctions). BOT auctions, Medium and Long-Term Repurchase, Buy-Back, OPTES and OMA are all managed by the system. The solution integrates with the Service Network National Interbank Access offered by SIA for connecting to the Bank of Italy.

#### • Spanish Auction Module

The solution for access to Spanish Auctions is part of the platform for accessing Fixed Income primary markets. The connection to the Bank of Spain is performed via the SIA Swift Service Bureau that provides monitored and safe connection, and allows full workability, enabling all the available Spanish auctions.

#### • Danish Auction Module

The solution for access to TODEAL Danish Auctions is part of the platform for accessing Fixed Income primary markets. The module TODEAL\Danish Auction allows the user to connect to the central system Via SIANet.

## About SIA

**SIA** is European leader in the design, creation and management of technology infrastructures and services for Financial and Central Institutions, Corporates and Public Administration bodies, in the areas of payments, e-money, network services and capital markets.

SIA Group provides its services in around 40 countries, and also operates through its subsidiaries in Hungary and South Africa. The company has offices in Milan and Brussels.

### SIA GROUP

- **SIA** the parent
- **Emmecom** innovative network applications for banks and businesses
- **Perago** in South Africa
- **Pi4Pay** services for Payment Institutions
- **SIA Central Europe** in Hungary
- **TSP** front-end services for companies and P.A.



### SIA GROUP key numbers in 2014

**9.2 billion**  
credit transfers  
and collections



**3 billion**  
card payments



**30.2 billion**  
trading and post-trading  
transactions



**326 terabytes**  
data carried  
on the network



**1,500**  
employees



**€426.3 million**  
revenues



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