



PATRONAS

FRONTFIX

# FIX AND NON-FIX MESSAGING

the ultimate platform

Made in Germany

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Whether it is connectivity, order routing, trading or a complete framework to manage and control your message flow, there is now a single solution for the optimization of your FIX and non-FIX business.

## PATRONAS

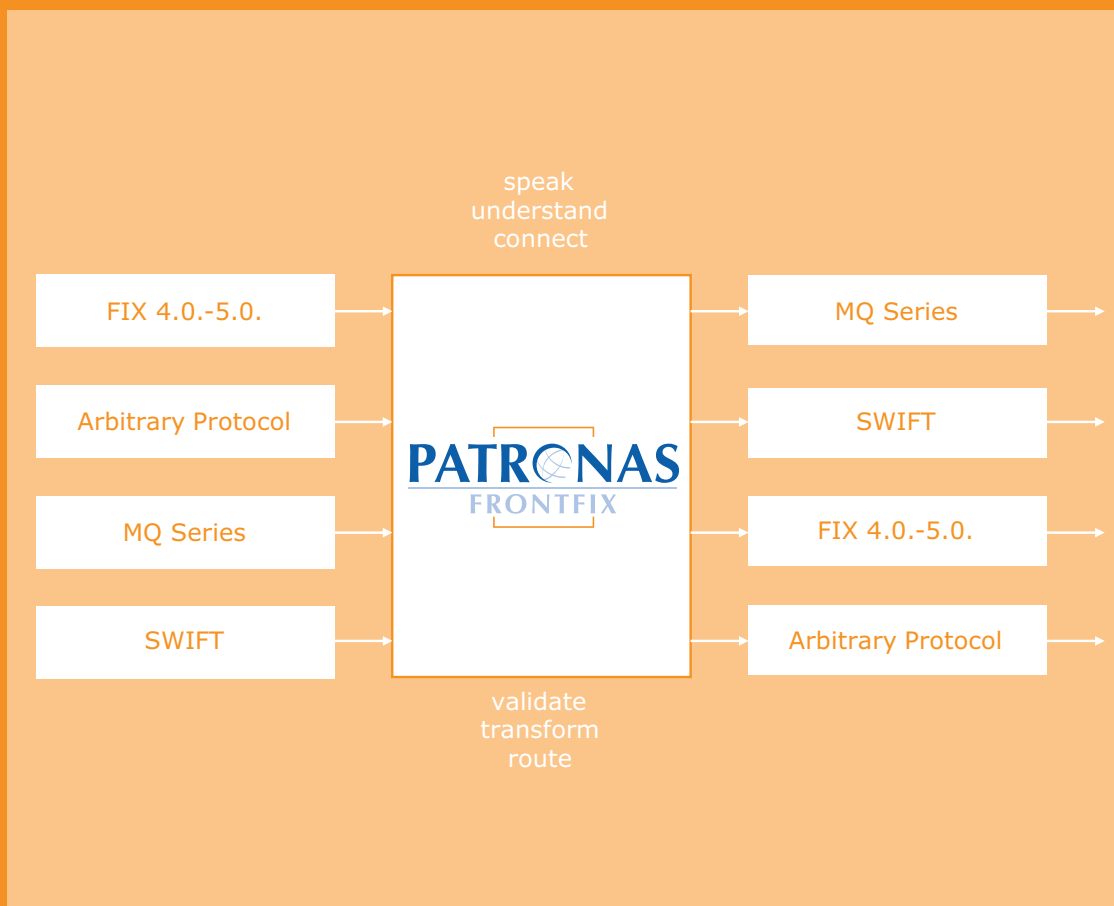
We are a leading German software and service provider for the global financial community. Since 2003, we have been providing our international customers in the investment industry with advanced solutions for portfolio and order management, compliance and fully managed and hosted connectivity via FIX and non-FIX standards, to any internal or external system or execution venue. PATRONAS is based in Freiburg, Germany.

# FRONTFIX

is our highly scalable, multi asset messaging platform, covering all available FIX versions as well as alternative protocols.

PATRONAS FrontFIX meets the highest standards for reliability and performance. Its powerful connectivity manager enables the seamless integration with internal or external counterparties and serves as the central component of any existing product ecosystem.

PATRONAS FrontFIX is offered either fully integrated with our OPUS portfolio and order management solution, our PATRONAS TradeDirector EMS solution, or alternatively as a standalone solution which can be integrated with any third-party software deployed in a customer environment.



# KEY FEATURES

- FIX and non-FIX protocol coverage (SWIFT, FIXML, FAST, etc.)
- support for all the latest versions of FIX
- multi asset, multi market
- 100% Java
- low latency/high volume message routing
- stable and reliable
- unlimited counterparty connectivity
- large selection of available technology and business adapters
- user friendly, configurable GUI for monitoring and control of message flow
- available as managed or as fully managed & hosted solution
- available as standalone, pluggable solution

## HOSTED & MANAGED

Our hosted & managed PATRONAS FrontFIX offering allows asset managers, investment banks and brokers the possibility to profit from our powerful multi protocol connectivity solution without the need for large upfront and ongoing capital investment in hardware, software or IT resources. PATRONAS delivers full installation, maintenance and integration services through its experienced team of dedicated specialists.

# BENEFITS

of managed & hosted set-up:

## COST EFFICIENCY

no need for internal IT resources, initial hardware investment or development

## SCALABILITY

we adapt the installation to your changing requirements. Simply request additional instances, sessions or connections – if and when needed

## FLEXIBILITY

we offer bespoke development by our specialists

## CONNECTIVITY

we offer a large number of market-facing and system-facing connectivity options and technology adapters – already available or tailor-made upon demand

## STABILITY

full hosting & management by PATRONAS guarantees ongoing control and availability of hard and software.

# RESULT

PATRONAS Hosted & Managed

clients experience a much lower total cost of ownership – instead of having to waste valuable IT resources, time and money on installation, maintenance and development, they can fully concentrate on their core business.

KEEP FULL CONTROL OF YOUR ORDER FLOW!

# FRONTFIX SUMMARY

- powerful multi protocol messaging platform with user friendly and functionality-rich GUI
- rule based message management:
  - easy implementation of dynamic/conditional routing logic
  - flexible and automated message patching, transformation and enrichment
- open and flexible architecture: maximum interoperability with any existing internal systems, external partners and exchanges
- smooth adaptation to system and counterparty requirements

# PATRONAS FRONTFIX

FrontFIX	Engine	Middleware	Managed (SaaS)
Inbound Message Format	Multi Message Multi API	Multi Message Multi API	Multi Message Multi API
Transport protocols	TCP/IP, TIBCO RV, MQ Series, JMS, RMI, Corba...	TCP/IP, TIBCO RV, MQ Series, JMS, RMI, Corba...	TCP/IP, TIBCO RV, MQ Series, JMS, RMI, Corba...
In-/Outbound Message Chat	FIX 4.0 - 5.0, FIXML, FAST, SWIFT	FIX 4.0 - 5.0, FIXML, FAST and arbitrary protocols Exchanges (Xetra, Eurex, ...), SWIFT	FIX 4.0 - 5.0, FIXML, FAST and arbitrary protocols Exchanges (Xetra, Eurex, ...), SWIFT
Carrier			VPN, dedicated line and Financial Extranet
Process	Validate, Transform, Route	Validate, Patch, Transform, Enrich, Route including dynamic / conditional routing logic	Validate, Patch, Transform, Enrich, Route including dynamic / conditional routing logic
Interface	Configuration Manager Session Monitor Message Monitor Rule Manager	Configuration Manager Session Monitor Message Monitor Rule Manager	Configuration Manager Session Monitor Message Monitor Rule Manager
Manged/hosted by	Client	Client	PATRONAS

# PATRONAS FRONTFIX

the ultimate messaging platform

Interested?

We look forward to hearing from you.

Please contact us for more information on our product range:

- PATRONAS OPUS – Portfolio & Order Management
- PATRONAS TradeDirector – EMS Solution for Buy Side

# PATRONAS

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