



RE-ENGINEERING EXCHANGES FOR THE NEXT GENERATION

HOW EXCHANGES ARE CHANGING

For both emerging and well-established exchanges, technology is having an enormous impact on how, when, where, and even why investors and exchanges trade assets. Now, in a digital age where the next financial collapse could take only a millisecond, exchanges are competing to offer two things that have always been top-of-mind for investors: trust and liquidity.

While trust and liquidity might be the high-level goals for any exchange, opportunities and challenges abound as exchanges are pressured to provide support for up-to-the-second financial information, low latency access, complex financial instruments traditionally traded over the counter, hybrid derivatives, analytics that prove the quality of executions, and other previously unavailable services and assets. To navigate and succeed in this ever-changing environment and reduce operating cost, many exchanges are turning to seasoned software engineering firms with proven fintech expertise.

OFFERING TECHNOLOGY SERVICES FOR THE FUTURE OF EXCHANGES

For more than 15 years, EPAM has provided products and services to some of the world's biggest equities, fixed income, derivatives, and FX exchanges, working closely with business leaders to stay ahead of emerging trends, technologies, and regulations. Today, we are continuing our commitment to exchanges innovation by finding new sources of revenue, re-engineering core systems, and using our deep domain expertise to overcome regulatory burden and technical debt for our clients.

CAPABILITIES IN EXCHANGES: HOW EPAM CAN HELP

When it comes to transforming exchanges and the technological infrastructure surrounding them, EPAM's expertise includes:

- Applying big data technologies to achieve scale and efficient access to data, as well as productize and commercialize collected customer and market data
- Re-engineering core systems to support and comply with business demands and new regulations
- Reducing exchange latency and improving real-time transaction processing power
- Producing and utilizing new machine-learning algorithms to analyze data
- Providing market data publishing layers and smart order routers
- Deploying world-class FIX order gateways and other messaging appliances
- Offering new technologies and expertise in front-end digital interfaces, including modern UX and UI design to service clients and listed companies
- Creating solutions to host exchange software, infrastructure, and data in an elastic cloud environment
- Experimenting with blockchain platforms to automate clearing and settlement processes in OTC markets
- Building platforms for crowdfunding to enable new ways of raising capital
- Enabling efficient solutions for interexchange connectivity and real-time data aggregation across exchanges
- Offering consulting, business analysis, and software development for exchanges of all shapes and sizes

In addition to our robust capabilities, EPAM is a CMMI 4 company, and our tools and processes are state of the art. We use methodologies like Agile to ramp up production in any customer environment, and work hard to adapt our processes to suit each unique client culture.

GET STARTED TODAY

ARE YOU READY TO REINVENT YOUR EXCHANGE TECHNOLOGIES AND ACHIEVE ENHANCED DATA INTELLIGENCE, REDUCED LATENCY, AND LOWER INFRASTRUCTURE COSTS? CONTACT US TODAY TO LEARN HOW!

WWW.EPAM.COM

SALES@EPAM.COM

