In Touch
With Your Needs
We Develop **Customized Solutions** To Suit Your Unique Needs In Today’s Dynamic Environment

**Real-Time Web Streaming**
- Expertise in open source/commercial solutions in implementing web streaming infrastructures based on Comet/Websockets protocols
- Software-based streaming: CometD, Diffusion, Kaazing, Lightstreamer, MyChannel, Caplin and Solace Systems

**Regulatory Compliance**
- Expertise in performing regulatory compliance monitoring and enforcement across all areas of the business
- Integrate real-time reporting capabilities and risk management techniques across the full trading lifecycle

**Messaging Solutions**
- Expertise in integrating messaging solutions as backbones for mission-critical applications
- Software-based messaging: ActiveMQ, IBM MQ and Message Broker
- Low-latency/Hardware-based messaging: Informatica, Tibco, IBM, Tervela and Solace

**Testing Services**
- End-to-end testing services
- Automated testing frameworks using WinRunner, QTP, LoadRunner
- Usage of statistical tools and techniques
- Application profiling, tuning and capacity planning

**Mobile Applications**
- Extend your footprint through mobile trading anywhere, anytime and on any platform or device
- Develop intuitive, mobile-friendly versions of your website functionality

**RIA Design**
- Develop interactive and extremely customizable front-end trading applications using HTML5, Flex and Silverlight
- Use of advanced data visualization techniques
- Migrate Flex and Silverlight applications to HTML5

**Algorithmic Trading**
- Implement algorithmic trading strategies and portfolio decisioning systems using Complex Event Processing (CEP)
- Develop real-time instrument pricing engines, charting modules, analytics and risk management systems

**Social Media & Gamification**
- Integrate social media paradigms and game mechanics
- Integrate Twitter (Stocktwits), Facebook, YouTube, RSS and other social feeds with your trading dashboard
- Add sentiment analysis capabilities and community rankings of securities

**Big Data**
- Big Data solutions using Hadoop and Vertica
- Data visualization techniques for structured/unstructured data
- Data mining of customer activity and financial market data repositories

**SOA & EAI Patterns**
- Software fabrics based on open source offerings from ServiceMix, WSO2, JBoss and Talend
- Experience with EAI components, Rules Engines, WorkFlow Engines and FIX engine-based market connectivity
Our customers include a wide spectrum of Capital Markets firms: Top 20 Barron’s rated Retail Brokerages, top US Banks and Institutional Trading Firms, Hedge Funds and Wealth Management Companies

The Tavant Edge

- Deep understanding of the capital markets domain including global financial market structures
- Experience in development of high-frequency, low-latency, fault-tolerant, transaction-intensive trading systems
- Judicious mix of open source and commercial off-the-shelf products and frameworks
- Expertise in key enabling technologies in the capital markets world: Complex Event Processing (CEP) systems, web streaming technologies and Rich Internet Application (RIA) platforms
- Uniquely positioned to develop innovative solutions by intermingling social media paradigms with gamification mechanics and real-time streaming capabilities
- 100% customer referenceability across all domains and verticals

About Us

Tavant Technologies is a specialized software solutions and services provider offering cutting-edge application development services (front, mid and back-office) along the entire capital markets value chain. Our clients include buy-side firms, wealth management companies and institutional and retail brokerages worldwide. Tavant offers solutions that combine many years of leading edge technology implementation experience with business insights to power highly scalable applications allowing you to take customer experiences to new levels while minimizing costs.

Founded in 2000, we are known for our long-lasting customer relationships, engineering excellence and passionate employees. Headquartered in Santa Clara, California, we service customers across North America, Europe and Asia-Pacific.

Contact Us

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